

შპს "თბილქალაქპროექტი-V"

ქ. თბილისში,

ქალაქის პირველი საავადმყოფოს ტერიტორიაზე
არსებული 10-სართულიანი ანაკრეფ-მონ. რ/ბ სახლის

მზიდი კონსტრუქციების საანგარიშო ანალიზი სტატიკურ და დინამიურ ზემოქმედებაზე

ვარიანტი 1, 2

თბილისი 2007 წ.

ორგანიზაცია: შპს "თბილქალაქპროექტი-V"

ობიექტი:

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სტატიკურ და დინამიურ ზემოქმედებაზე

ვარიანტი 1, 2

შეასრულა: თ.ლაზარიაშვილი

ი.ტიმჩენკო

სარჩევი

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<u>დანართი (CD დისკი)</u> :

ანგარიშის ელექტრონული ვერსია MS Word ფორმატში.

განმარტებითი ბარათი

შენობის მზიდი კონსტრუქციები გაანგარიშებულია “Lira-Windows” ვერ. 9.2 პროგრამული კომპლექსის მეშვეობით (ლიც. № 92045550) სასრული ელემენტების მეთოდის საფუძველზე. საწყისი მონაცემების შედგენისას გამოყენებულია სამშენებლო უბნის საინჟინრო-გეოლოგიური გამოკვლევის შედეგები. საანგარიშო მოდელში გათვალისწინებულია გრუნტის დინამიური რეაქცია (Cz=5000 კგ/სმ$^{3)}$.

გაანგარიშებაში განხილულია შემდეგი დატვირთვები:

1. სტატიკური მუდმივი;
2. სტატიკური დროებითი ხანმოკლე;
3. სტატიკური დროებითი ხანგრძლივი;
4. სეისმური X მიმართულება;
5. სეისმური Y მიმართულება;
6. სეისმური 45^0;
7. სეისმური 135^0;

საანგარიშო სეისმურობა 8 ბალს შეადგენს (EMS-98 სკალით). გათვალისწინებულია საკუთარი რხევების 24 ფორმა. სეისმური მასების მონაწილეობის ფაქტორი 80 %-მდე შეადგენს.

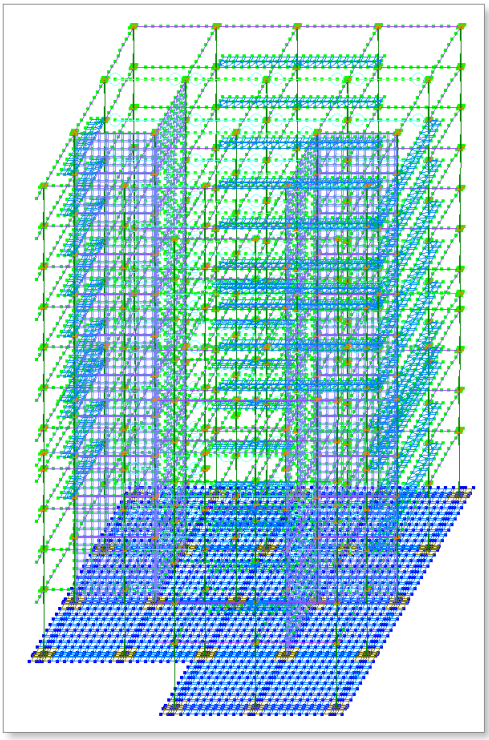
ბეტონის კლასი – B22.5. რ/ბ დამაკავშირებელი პანელების კოლონებთან შეერთება მიღებულია სახსრული 1 და 2 ვარიანტში. გათვალისწინებულია სვეტების რეალური (არავერტიკალური) მდგომარეობა ტექნიკური დასკვნის შესაბამისად.

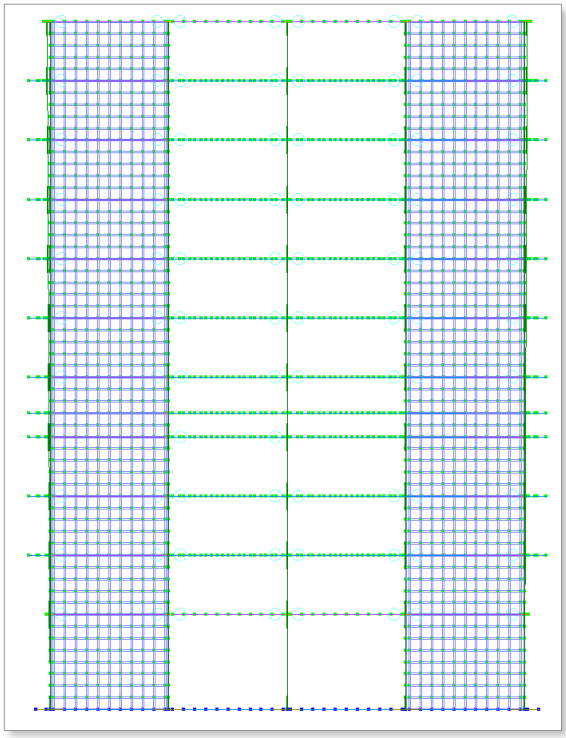
განხილულია გაანგარიშების 2 ვარიანტი.

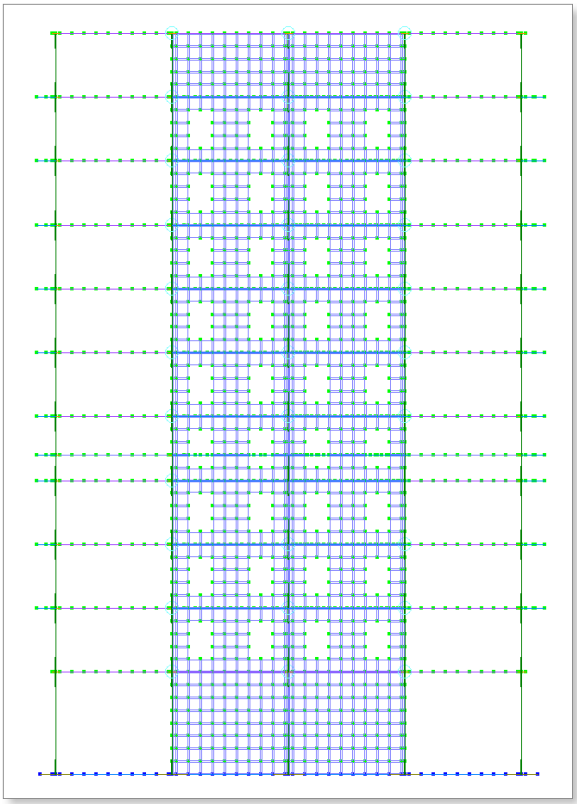
<u>ვარიანტი 1 – არსებული შენობა გაძლიერების გარეშე</u>. შვეტების კვეთები – 40X40 სმ. პირველი ვარიანტის შედეგების ანალიზის საფუძველზე დადგინდა: გასაძლიერებელია რ/ბ სვეტები +13.1 ნიშნულამდე (იხ. შედეგები, არსებული სვეტების არმირება). გასაძლიერებელია რ/ბ დიაფრაგმები სვეთებთან შეერთების ზონაში. საძირკვლის ფილაში მაქსიმალური არმირება შეადგენს 14 სმ2. მთავარი საკუთარი რხევის პერიოდი 2.2 წმ. შეადგენს.

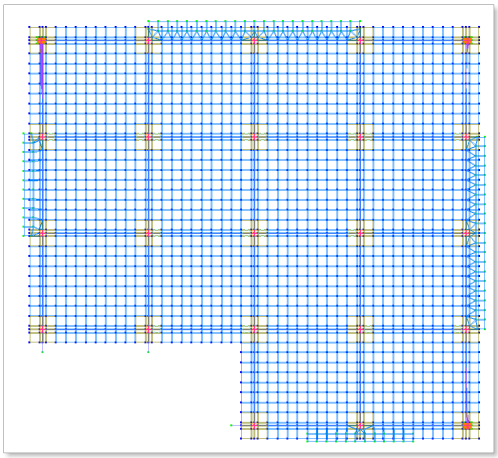
<u>Vარიანტი 2 გაძლიერებული შენობა.</u> +13.1 ნიშნულამდე სვეტები გაძლიერებულია ლითონის ელემენტებით და ბეტონით, კვეთი 60X60 სმ. დანარჩენი სვეტების ქვეთი – 40X40 სმ-ია. გაძლიერებული დიაფრაგმების სისქე – 40 სმ სვეტების ზონაში. გაძლიერებულია სვეტებისა და რიგელების შეერთების კვანძები. საკუთარი რხევის პერიოდი 1.8 წმ. შეადგენს.

ვარიანტი 1 – არსებული შენობა გაძლიერების გარეშე

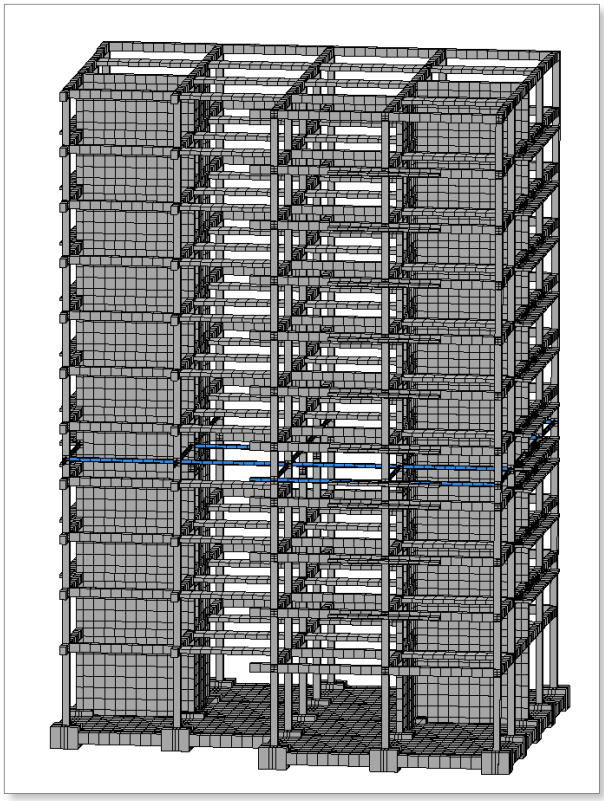


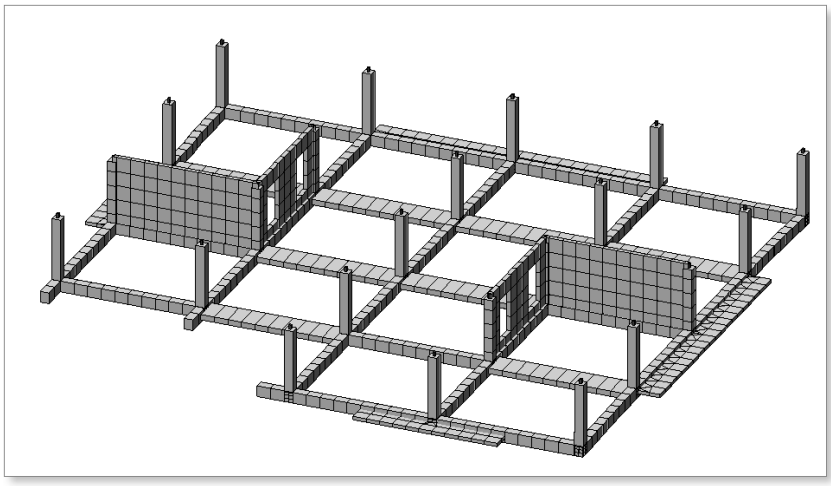




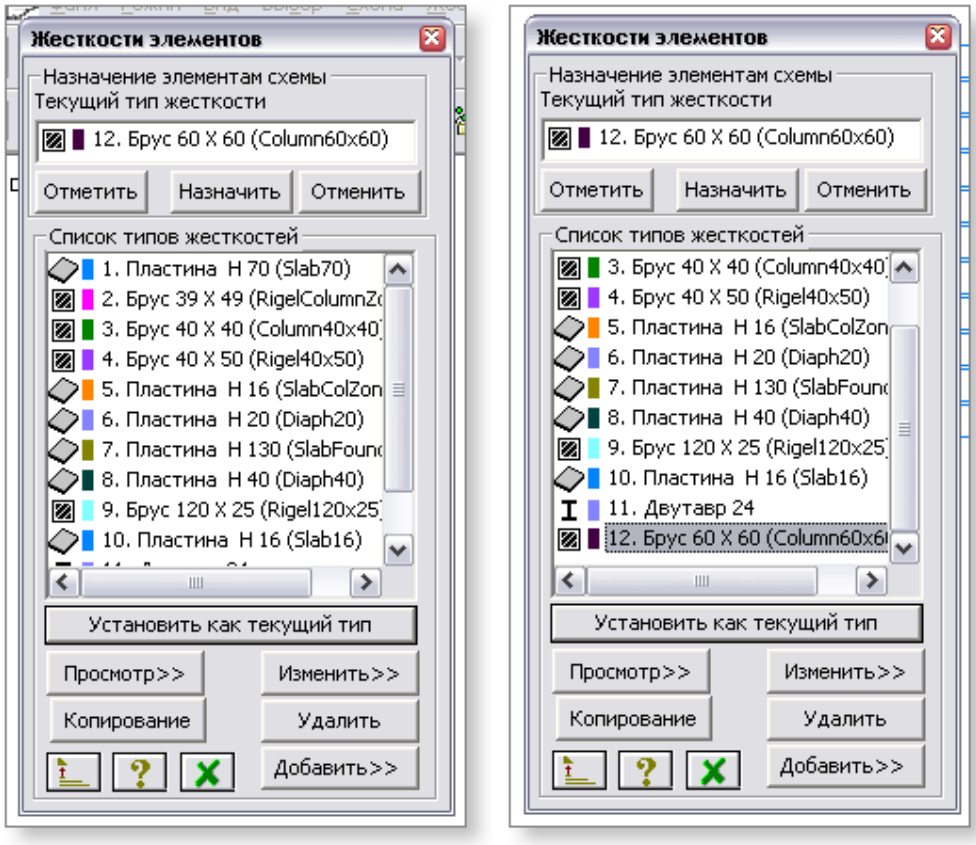


საანგარიშო მოდელი





საანგარიშო მოდელი



სიხისტის ტიპები

Тип жесткости	Имя	Параметры (сечения-(см) жесткости-(тс,м) расп.вес-(тс,м))
1	Пластина H 70 (Slab70)	E=2.45e+006,V=0.2,H=70,Ro=0
		C1=5000,C2=3500
2	Брус 39 X 49 (RigelColumnZone)	Ro=0,E=2.45e+008,GF=1
		B=39,H=49
		EF=4.68195e+007,EIy=936780
		EIz=5.93e+005,GIk=5.31e+005
		GFy=1.63e+007,GFz=1.63e+007
		Y1=0.065,Y2=0.065,Z1=0.0817,Z2=0.0817
3	Брус 40 X 40 (Column40x40)	Ro=0,E=2.45e+006,GF=1
		B=40,H=40
		EF=392000,EIy=5226.67
		EIz=5.23e+003,GIk=3.66e+003
		GFy=1.36e+005,GFz=1.36e+005
		Y1=0.0667,Y2=0.0667,Z1=0.0667,Z2=0.0667
4	Брус 40 X 50 (Rigel40x50)	Ro=0,E=2.45e+006,GF=1
		B=40,H=50
		EF=490000,EIy=10208.3
		EIz=6.53e+003,GIk=5.82e+003
		GFy=1.7e+005,GFz=1.7e+005
		Y1=0.0667,Y2=0.0667,Z1=0.0833,Z2=0.0833

5	Пластина H 16 (SlabColZone)	E=2.45e+008,V=0.2,H=16,Ro=0
6	Пластина H 20 (Diaph20)	E=2.45e+006,V=0.2,H=20,Ro=0
7	Пластина H 130 (SlabFound130)	E=2.45e+006,V=0.2,H=130,Ro=0
		C1=5000,C2=3500
8	Пластина H 40 (Diaph40)	E=2.45e+006,V=0.2,H=40,Ro=0
9	Брус 120 X 25 (Rigel120x25)	Ro=0,E=2.45e+006,GF=1
		B=120,H=25
		EF=735000,EIy=3828.12
		EIz=8.82e+004,GIk=5.58e+003
		GFy=2.55e+005,GFz=2.55e+005
		Y1=0.2,Y2=0.2,Z1=0.0417,Z2=0.0417
10	Пластина H 16 (Slab16)	E=2.45e+006,V=0.2,H=16,Ro=0
		C1=5000,C2=3500
11	Двутавр 24	q=0.0273
		EF=73101.4,EIy=727
		EIz=41.6,GIk=0.883
		Y1=0.0099,Y2=0.0099,Z1=0.0829,Z2=0.0829
12	Брус 60 X 60 (Column60x60)	Ro=0,E=2.45e+006,GF=1
		B=60,H=60
		EF=882000,EIy=26460
		EIz=2.65e+004,GIk=1.85e+004
		GFy=3.06e+005,GFz=3.06e+005
		Y1=0.1,Y2=0.1,Z1=0.1,Z2=0.1

СОБСТВЕННЫЕ ЗНАЧЕНИЯ, ЧАСТОТЫ, ПЕРИОДЫ КОЛЕБАНИЙ, ЗАГРУЖЕНИЯ 4

N П/П	СОБСТВ. ЗНАЧЕНИЯ	ЧАСТОТЫ РАД/С	ЧАСТОТЫ ГЦ	ПЕРИОДЫ С	КОЭФФИЦИЕНТ РАСПРЕДЕЛЕНИЯ	МОДАЛЬНАЯ МАССА В %	
1	0.355469	2.81	0.45	2.2323	-0.295078	2.2	2.2
2	0.295892	3.38	0.54	1.8582	0.765339	24.5	26.7
3	0.219648	4.55	0.72	1.3794	-1.505330	41.3	68.0
4	0.180923	5.53	0.88	1.1362	-1.746628	1.6	69.5
5	0.171391	5.83	0.93	1.0763	2.368928	1.3	70.8
6	0.157780	6.34	1.01	0.9909	-0.665229	0.3	71.1
7	0.155332	6.44	1.03	0.9755	-0.022325	0.0	71.1
8	0.153890	6.50	1.03	0.9664	0.266181	0.0	71.1
9	0.153162	6.53	1.04	0.9619	-0.268847	0.0	71.2
10	0.152572	6.55	1.04	0.9581	0.078624	0.0	71.2
11	0.152406	6.56	1.04	0.9571	-0.129597	0.0	71.2
12	0.151741	6.59	1.05	0.9529	0.100454	0.0	71.2
13	0.151537	6.60	1.05	0.9517	0.021734	0.0	71.2
14	0.142055	7.04	1.12	0.8921	0.253896	0.0	71.2
15	0.139141	7.19	1.14	0.8738	0.356658	0.0	71.2
16	0.138934	7.20	1.15	0.8725	0.498272	0.1	71.3
17	0.136417	7.33	1.17	0.8567	0.370628	0.0	71.3
18	0.128603	7.78	1.24	0.8076	0.200078	0.0	71.3
19	0.124675	8.02	1.28	0.7830	-0.181321	0.0	71.3
20	0.119404	8.37	1.33	0.7499	-0.722014	0.0	71.3
21	0.118996	8.40	1.34	0.7473	-0.425533	0.0	71.4
22	0.117128	8.54	1.36	0.7356	-0.823732	0.0	71.4
23	0.111737	8.95	1.43	0.7017	0.399052	0.1	71.5
24	0.105380	9.49	1.51	0.6618	0.870786	5.3	76.9

СОБСТВЕННЫЕ ЗНАЧЕНИЯ, ЧАСТОТЫ, ПЕРИОДЫ КОЛЕБАНИЙ, ЗАГРУЖЕНИЯ 5

N П/П	СОБСТВ. ЗНАЧЕНИЯ	ЧАСТОТЫ РАД/С	ЧАСТОТЫ ГЦ	ПЕРИОДЫ С	КОЭФФИЦИЕНТ РАСПРЕДЕЛЕНИЯ	МОДАЛЬНАЯ МАССА В %	
1	0.355469	2.81	0.45	2.2323	0.031697	0.0	0.0
2	0.295892	3.38	0.54	1.8582	-1.037909	45.0	45.0
3	0.219648	4.55	0.72	1.3794	-1.124360	23.0	68.1
4	0.180923	5.53	0.88	1.1362	-1.103361	0.6	68.7
5	0.171391	5.83	0.93	1.0763	1.734467	0.7	69.4
6	0.157780	6.34	1.01	0.9909	-0.184979	0.0	69.4
7	0.155332	6.44	1.03	0.9755	-0.205117	0.0	69.4
8	0.153890	6.50	1.03	0.9664	0.243015	0.0	69.4
9	0.153162	6.53	1.04	0.9619	-0.421087	0.0	69.5
10	0.152572	6.55	1.04	0.9581	-0.369380	0.0	69.5
11	0.152406	6.56	1.04	0.9571	0.413477	0.0	69.5
12	0.151741	6.59	1.05	0.9529	-0.244349	0.0	69.5
13	0.151537	6.60	1.05	0.9517	-0.056527	0.0	69.5
14	0.142055	7.04	1.12	0.8921	0.221811	0.0	69.6
15	0.139141	7.19	1.14	0.8738	-0.030144	0.0	69.6
16	0.138934	7.20	1.15	0.8725	-0.382424	0.0	69.6
17	0.136417	7.33	1.17	0.8567	-0.114005	0.0	69.6
18	0.128603	7.78	1.24	0.8076	0.244046	0.0	69.6
19	0.124675	8.02	1.28	0.7830	-0.568535	0.0	69.6
20	0.119404	8.37	1.33	0.7499	1.118072	0.1	69.8
21	0.118996	8.40	1.34	0.7473	-0.106950	0.0	69.8
22	0.117128	8.54	1.36	0.7356	0.776175	0.0	69.8
23	0.111737	8.95	1.43	0.7017	-0.080342	0.0	69.8
24	0.105380	9.49	1.51	0.6618	-0.189484	0.3	70.1

СОБСТВЕННЫЕ ЗНАЧЕНИЯ, ЧАСТОТЫ, ПЕРИОДЫ КОЛЕБАНИЙ, ЗАГРУЖЕНИЯ 6

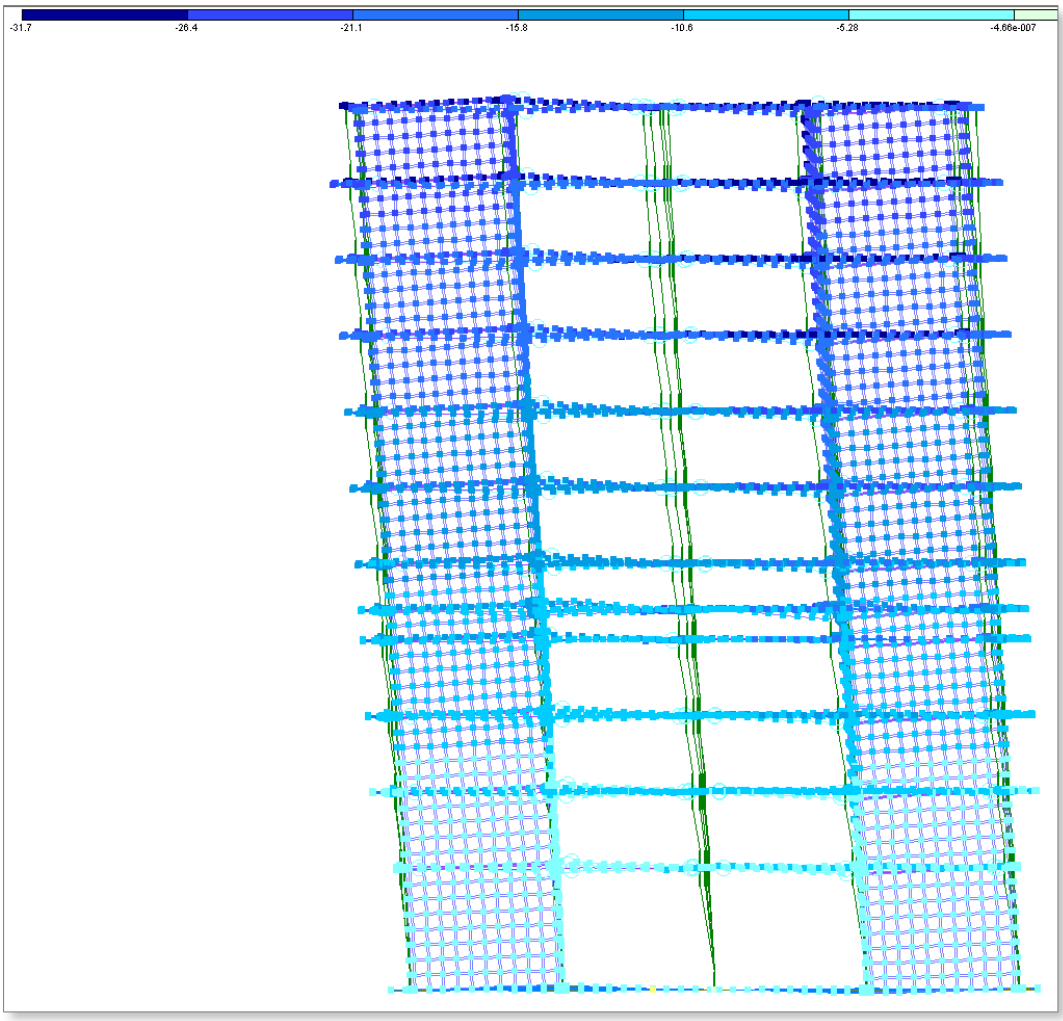
N П/П	СОБСТВ. ЗНАЧЕНИЯ	ЧАСТОТЫ РАД/С	ЧАСТОТЫ ГЦ	ПЕРИОДЫ С	КОЭФФИЦИЕНТ РАСПРЕДЕЛЕНИЯ	МОДАЛЬНАЯ МАССА В %	
1	0.355469	2.81	0.45	2.2323	-0.186142	0.9	0.9
2	0.295892	3.38	0.54	1.8582	-0.192691	1.6	2.4
3	0.219648	4.55	0.72	1.3794	-1.859582	63.0	65.4
4	0.180923	5.53	0.88	1.1362	-2.014773	2.1	67.5
5	0.171391	5.83	0.93	1.0763	2.901821	1.9	69.4
6	0.157780	6.34	1.01	0.9909	-0.601250	0.3	69.7
7	0.155332	6.44	1.03	0.9755	-0.161056	0.0	69.7
8	0.153890	6.50	1.03	0.9664	0.360325	0.0	69.7
9	0.153162	6.53	1.04	0.9619	-0.488272	0.0	69.8
10	0.152572	6.55	1.04	0.9581	-0.205951	0.0	69.8
11	0.152406	6.56	1.04	0.9571	0.201141	0.0	69.8
12	0.151741	6.59	1.05	0.9529	-0.101975	0.0	69.8
13	0.151537	6.60	1.05	0.9517	-0.024665	0.0	69.8
14	0.142055	7.04	1.12	0.8921	0.336826	0.0	69.9
15	0.139141	7.19	1.14	0.8738	0.230891	0.0	69.9
16	0.138934	7.20	1.15	0.8725	0.081391	0.0	69.9
17	0.136417	7.33	1.17	0.8567	0.181377	0.0	69.9
18	0.128603	7.78	1.24	0.8076	0.314624	0.1	69.9
19	0.124675	8.02	1.28	0.7830	-0.530740	0.0	69.9
20	0.119404	8.37	1.33	0.7499	0.278862	0.0	69.9
21	0.118996	8.40	1.34	0.7473	-0.376242	0.0	70.0
22	0.117128	8.54	1.36	0.7356	-0.034697	0.0	70.0
23	0.111737	8.95	1.43	0.7017	0.226562	0.0	70.0
24	0.105380	9.49	1.51	0.6618	0.481299	1.6	71.6

СОБСТВЕННЫЕ ЗНАЧЕНИЯ, ЧАСТОТЫ, ПЕРИОДЫ КОЛЕБАНИЙ, ЗАГРУЖЕНИЯ 7

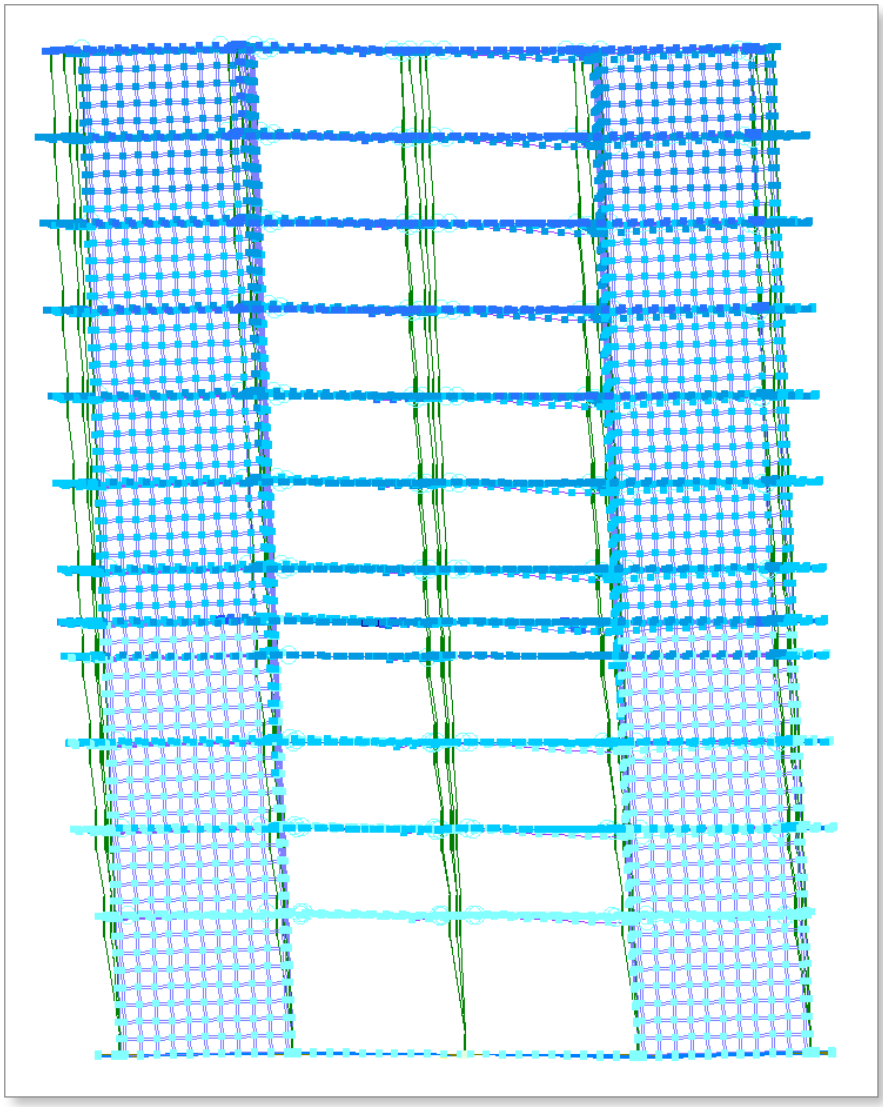
N П/П	СОБСТВ. ЗНАЧЕНИЯ	ЧАСТОТЫ РАД/С	ЧАСТОТЫ ГЦ	ПЕРИОДЫ С	КОЭФФИЦИЕНТ РАСПРЕДЕЛЕНИЯ	МОДАЛЬНАЯ МАССА В %	
1	0.355469	2.81	0.45	2.2323	0.231099	1.4	1.4
2	0.295892	3.38	0.54	1.8582	-1.274880	67.9	69.2
3	0.219648	4.55	0.72	1.3794	0.268955	1.3	70.6
4	0.180923	5.53	0.88	1.1362	0.454959	0.1	70.7
5	0.171391	5.83	0.93	1.0763	-0.447843	0.0	70.7
6	0.157780	6.34	1.01	0.9909	0.339384	0.1	70.8

7	0.155332	6.44	1.03	0.9755	-0.129489	0.0	70.8
8	0.153890	6.50	1.03	0.9664	-0.016055	0.0	70.8
9	0.153162	6.53	1.04	0.9619	-0.108122	0.0	70.8
10	0.152572	6.55	1.04	0.9581	-0.317126	0.0	70.8
11	0.152406	6.56	1.04	0.9571	0.384390	0.0	70.9
12	0.151741	6.59	1.05	0.9529	-0.244017	0.0	70.9
13	0.151537	6.60	1.05	0.9517	-0.055397	0.0	70.9
14	0.142055	7.04	1.12	0.8921	-0.022183	0.0	70.9
15	0.139141	7.19	1.14	0.8738	-0.273424	0.0	70.9
16	0.138934	7.20	1.15	0.8725	-0.623166	0.1	71.0
17	0.136417	7.33	1.17	0.8567	-0.342691	0.0	71.0
18	0.128603	7.78	1.24	0.8076	0.031713	0.0	71.0
19	0.124675	8.02	1.28	0.7830	-0.274352	0.0	71.0
20	0.119404	8.37	1.33	0.7499	1.299790	0.2	71.1
21	0.118996	8.40	1.34	0.7473	0.225461	0.0	71.1
22	0.117128	8.54	1.36	0.7356	1.130060	0.1	71.2
23	0.111737	8.95	1.43	0.7017	-0.337697	0.1	71.3
24	0.105380	9.49	1.51	0.6618	-0.749992	4.0	75.3

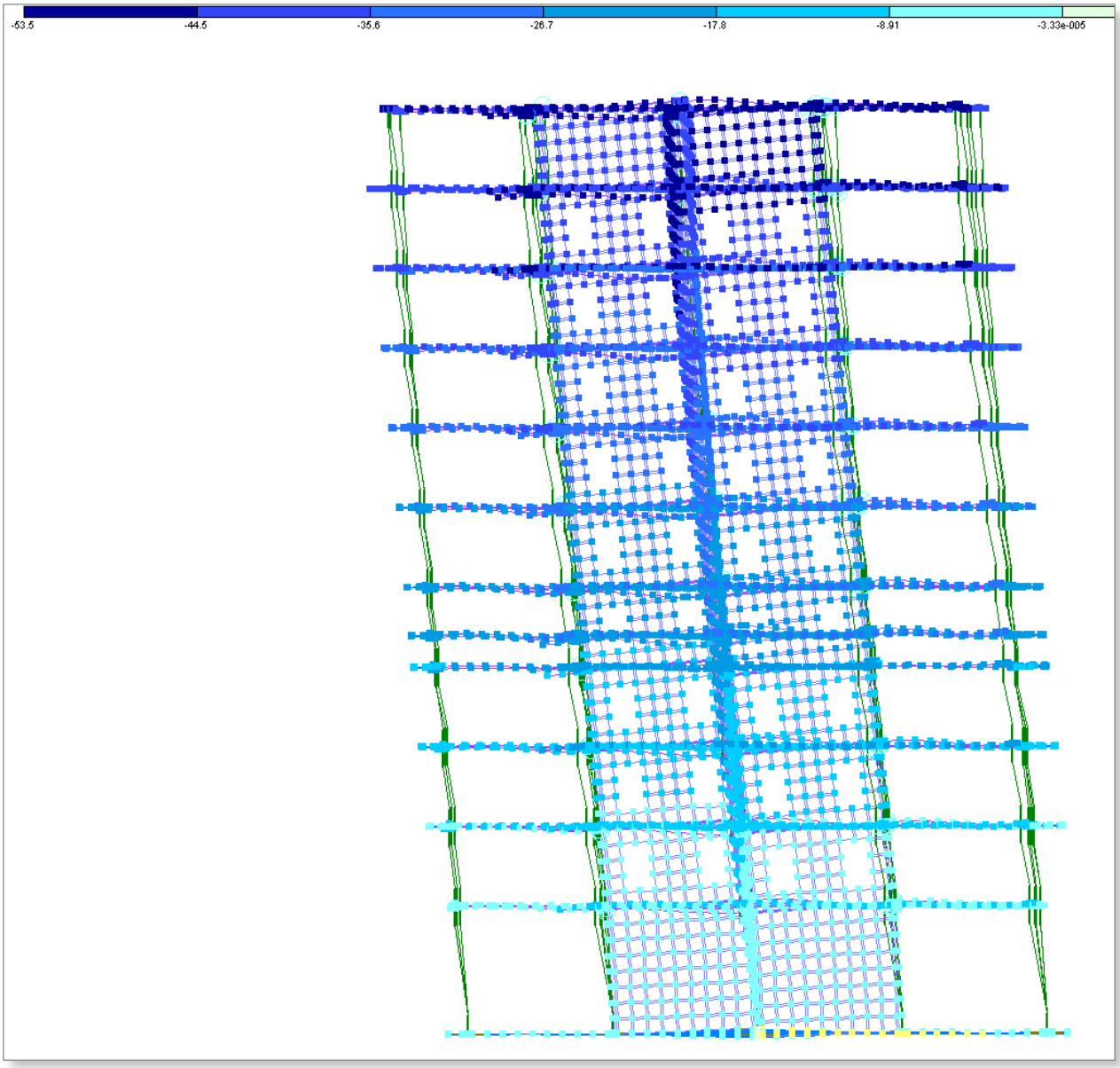
სეისმური გადაადგილებების შეფასება



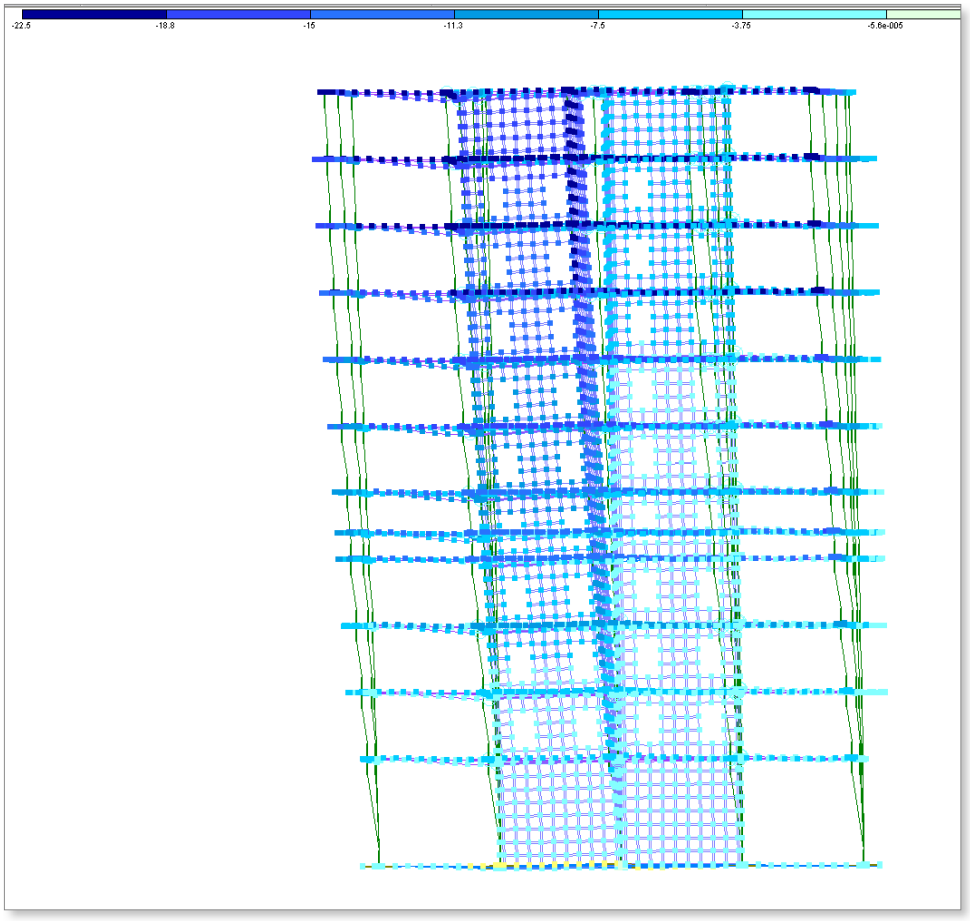
№4, ფორმა 2. Xმაქს/K1=13 სმ



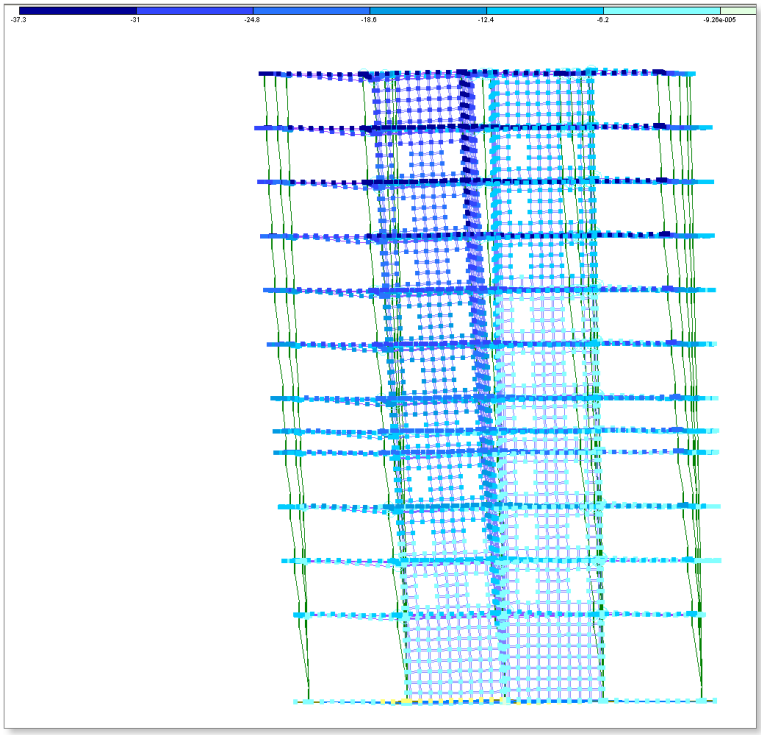
№4, ფორმა 3. Xმაქს/K1=8 სმ

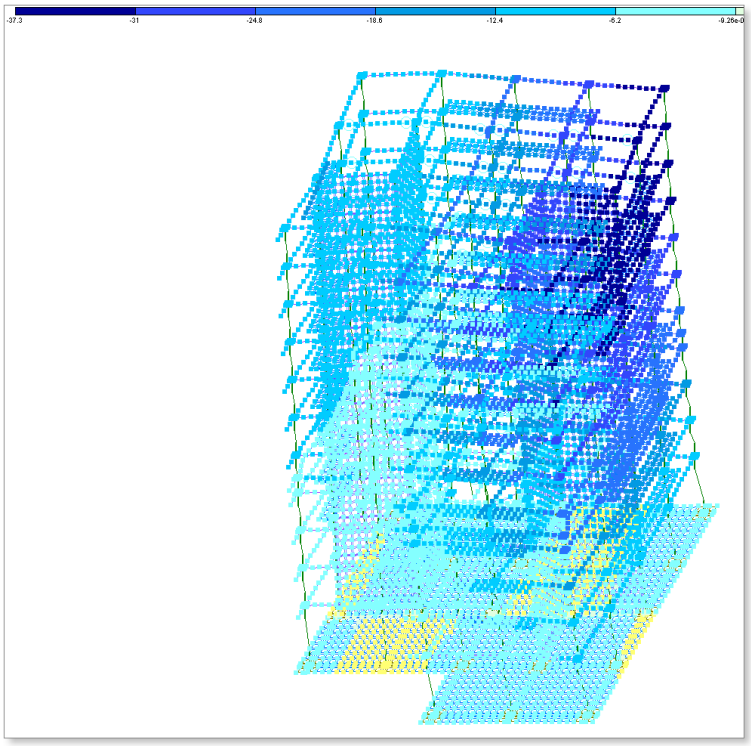


№5, ფორმა 2. Yმაქს/K1=23 სმ



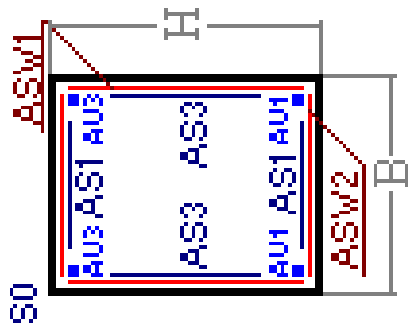
№5, ფორმა 3. Yმაქს/Kl=9 სმ





№6, ფორმა 3. Ყმაქს/K1=15 სმ

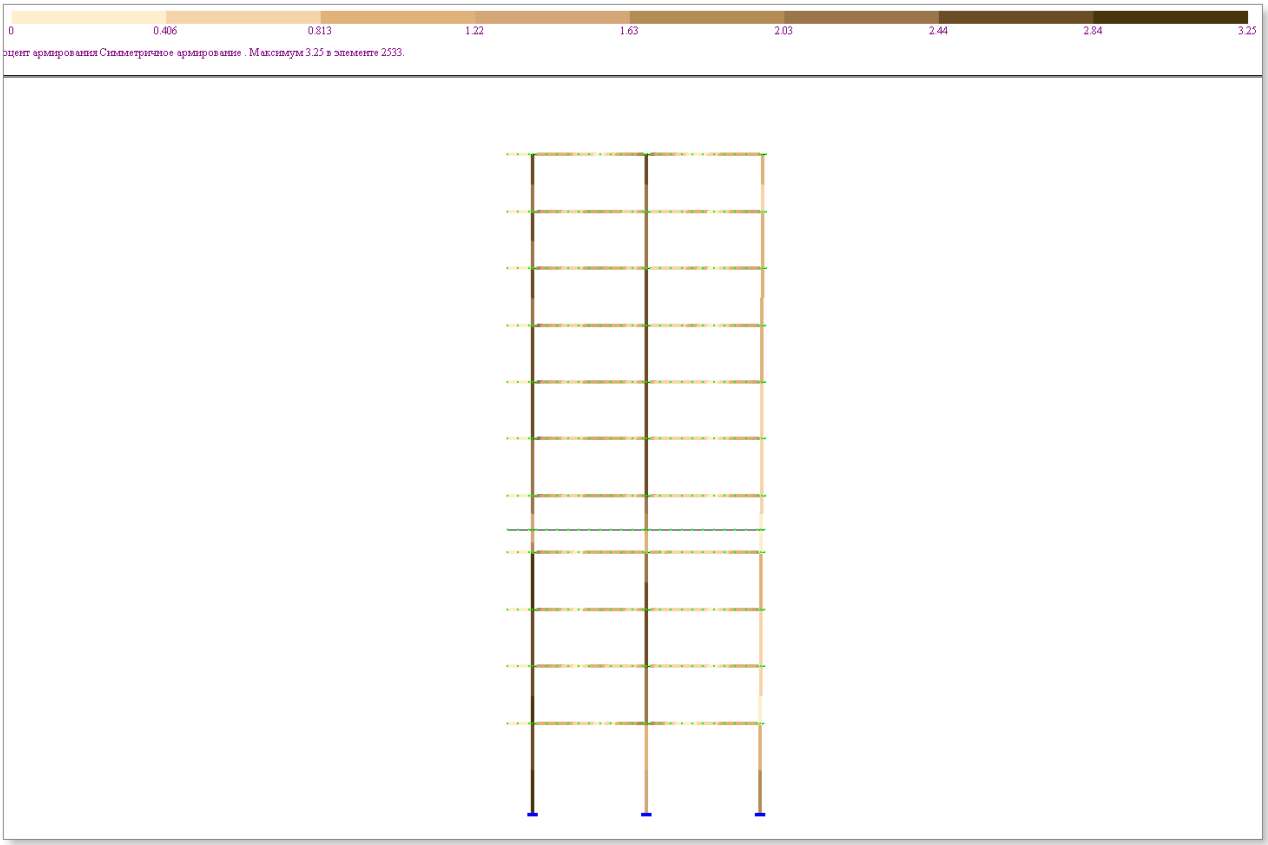
არმატურა სვეტებში



(სიმეტრიული)

კვეთი1 //კვეთი2:

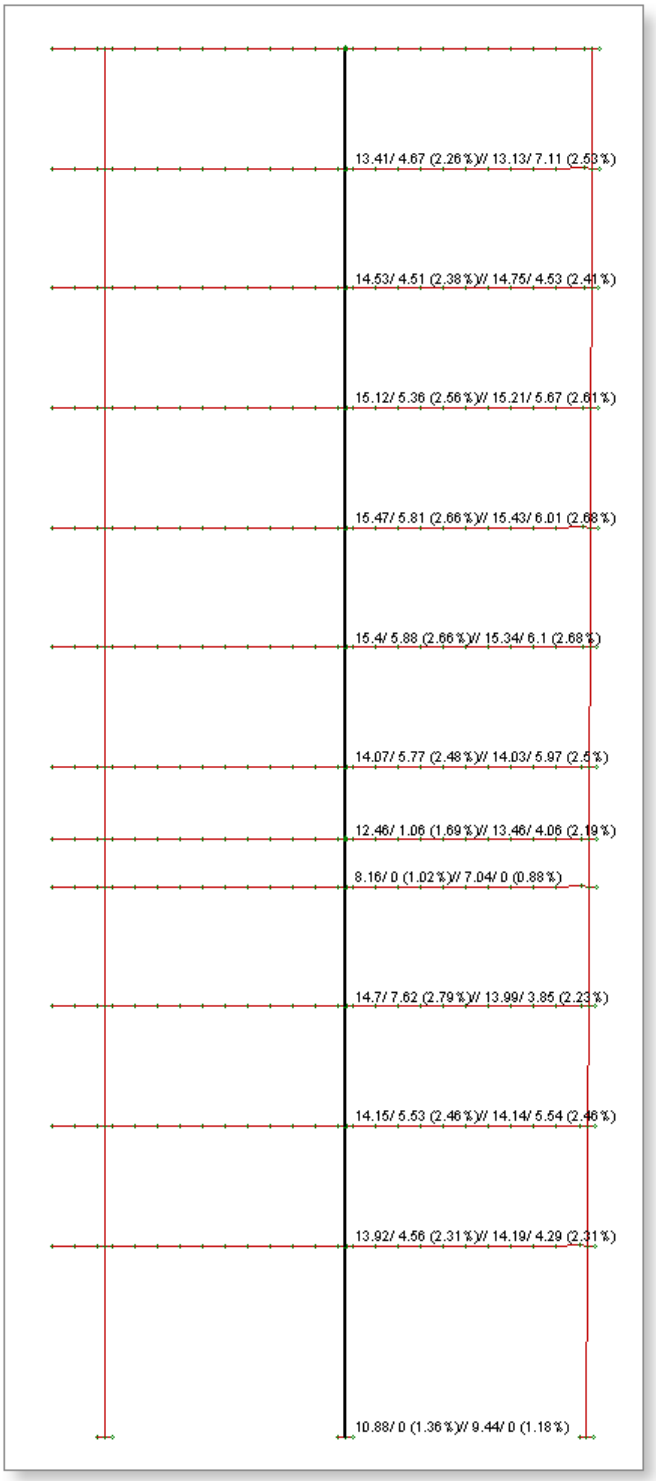
კვეთი1: `AU1+AU1+AS1/AS3/%` // კვეთი2: `AU1+AU1+AS1/AS3/%/`


0
0.406
0.813
1.22
1.63
2.03
2.44
2.84
3.25
оцент армирования Симметричное армирование . Максимум 3.25 в элементе 2533.

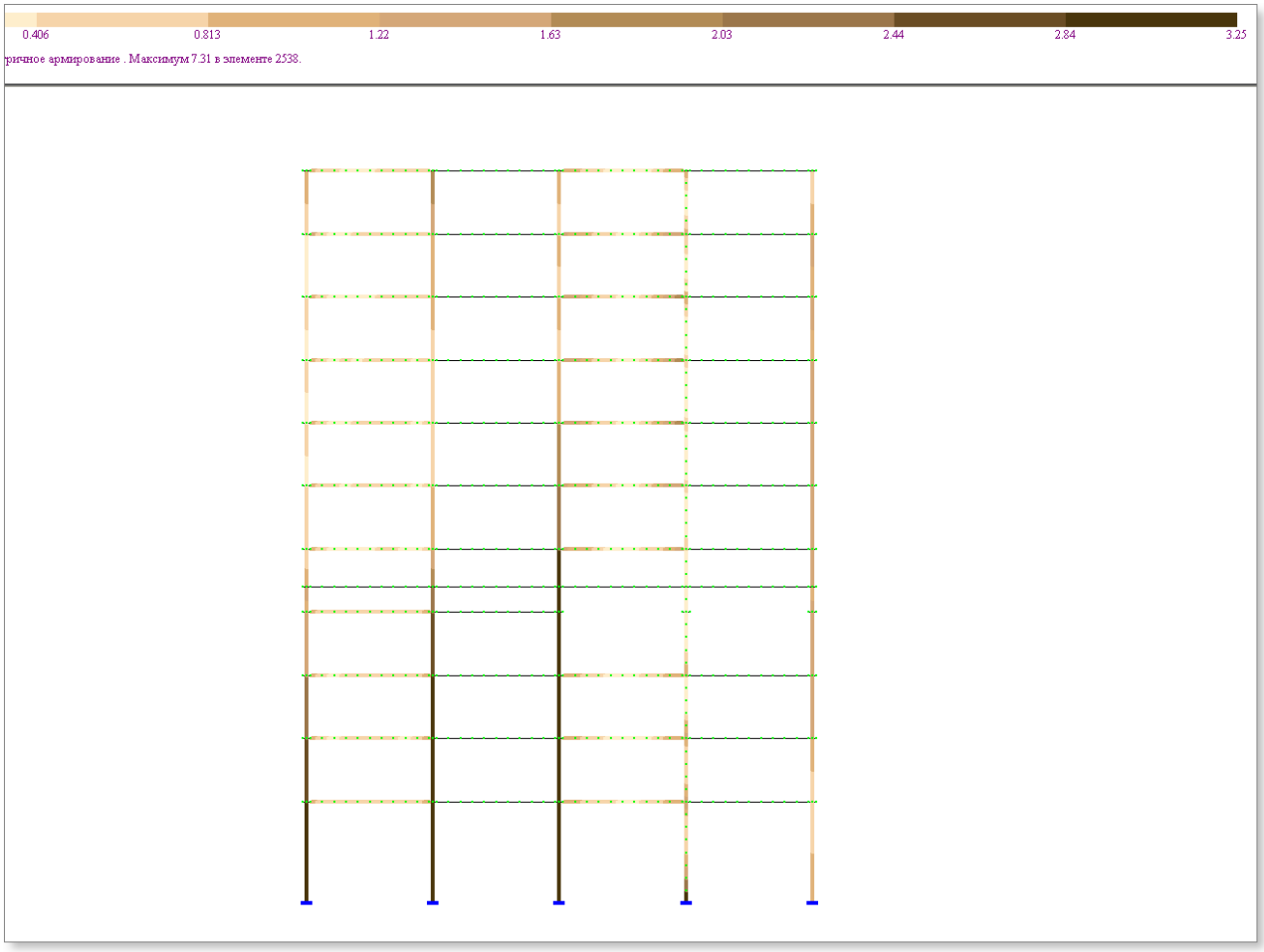
Т-Т, %


14.61/ 3.55 (2.27%)/ 13.99/ 5.93 (2.49%)
5.28/ 0 (0.66%)/ 7.04/ 0 (0.88%)
15.02/ 3.14 (2.27%)/ 15.9/ 3.86 (2.47%)
7.04/ 0 (0.88%)/ 7.04/ 0 (0.88%)
15.46/ 3.66 (2.39%)/ 16.05/ 4.27 (2.54%)
7.04/ 0 (0.88%)/ 7.04/ 0 (0.88%)
15.69/ 3.83 (2.44%)/ 16.07/ 4.17 (2.53%)
7.04/ 0 (0.88%)/ 7.2/ 0 (0.9%)
15.72/ 3.88 (2.45%)/ 15.94/ 4.06 (2.5%)
6.24/ 0 (0.78%)/ 6.4/ 0 (0.8%)
15.26/ 3.14 (2.3%)/ 15.43/ 3.45 (2.36%)
5.76/ 0 (0.72%)/ 5.6/ 0 (0.7%)
12.33/ .15 (1.56%)/ 14.03/ 2.21 (2.03%)
.8/ 0 (0.1%)/ 4.32/ 0 (0.54%)
13.55/ 1.39 (1.87%)/ 11.83/ .95 (1.6%)
.96/ 0 (0.12%)/ 0/ 0 (0%)
16.38/ 6.9 (2.91%)/ 16.92/ 6.84 (2.97%)
6.88/ 0 (0.86%)/ 7.68/ 0 (0.96%)
15.43/ 4.81 (2.53%)/ 15.49/ 4.83 (2.54%)
6.08/ 0 (0.76%)/ 5.76/ 0 (0.72%)
12.61/ 10.99 (2.95%)/ 13.99/ 8.17 (2.77%)
2.56/ 0 (0.32%)/ 4.32/ 0 (0.54%)
24.24/ 1.76 (3.25%)/ 18.73/ 1.83 (2.57%)
12.74/ .3 (1.63%)/ 7.84/ 0 (0.98%)

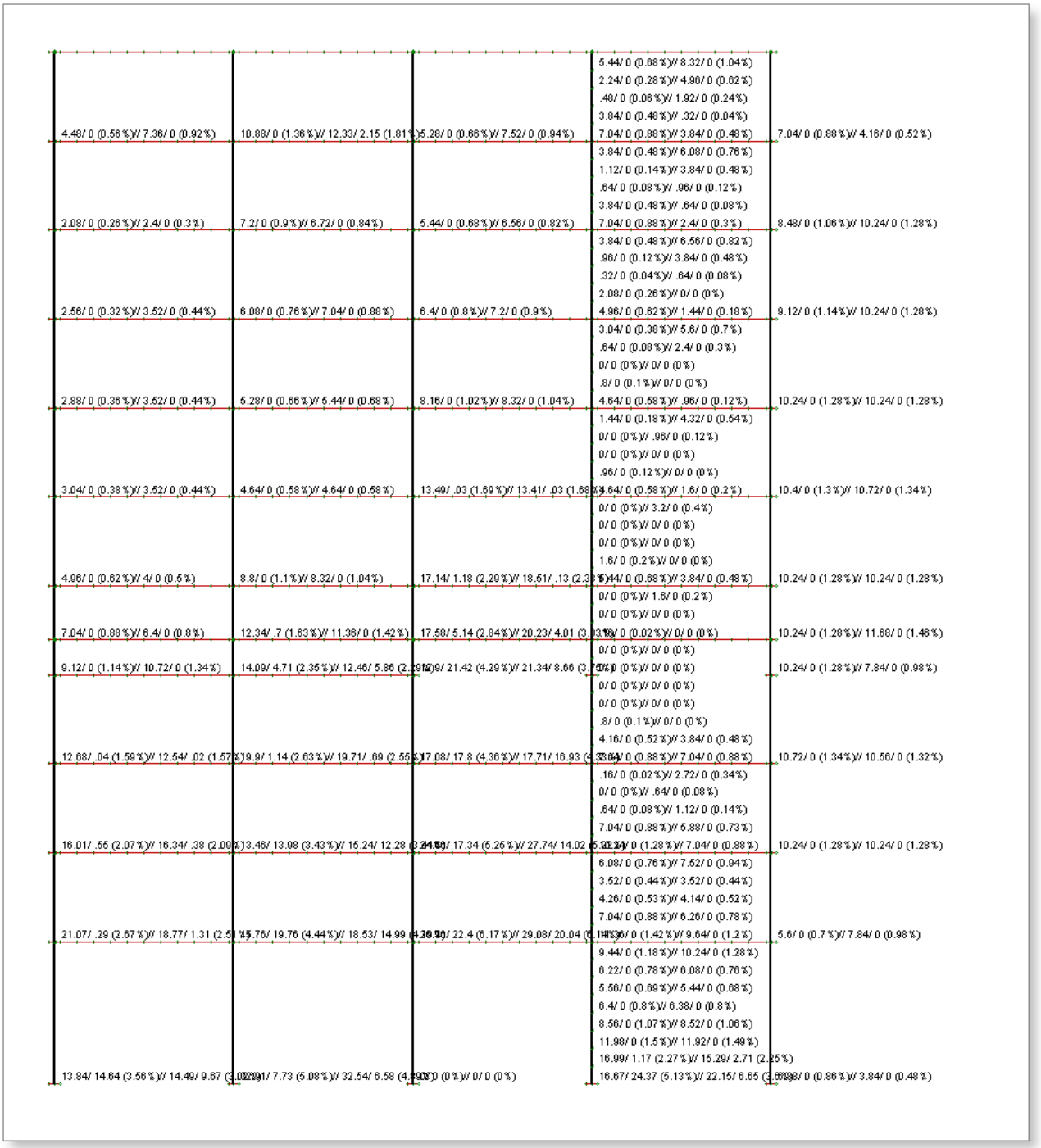
T-T, ъд^2


13.41/ 4.67 (2.26%)/ 13.13/ 7.11 (2.53%)
14.53/ 4.51 (2.38%)/ 14.75/ 4.53 (2.41%)
15.12/ 5.36 (2.56%)/ 15.21/ 5.67 (2.61%)
15.47/ 5.81 (2.66%)/ 15.43/ 6.01 (2.68%)
15.4/ 5.88 (2.66%)/ 15.34/ 6.1 (2.68%)
14.07/ 5.77 (2.48%)/ 14.03/ 5.97 (2.5%)
12.46/ 1.06 (1.69%)/ 13.46/ 4.06 (2.19%)
8.16/ 0 (1.02%)/ 7.04/ 0 (0.88%)
14.7/ 7.62 (2.79%)/ 13.99/ 3.85 (2.23%)
14.15/ 5.53 (2.46%)/ 14.14/ 5.54 (2.46%)
13.92/ 4.56 (2.31%)/ 14.19/ 4.29 (2.31%)
10.88/ 0 (1.36%)/ 9.44/ 0 (1.18%)

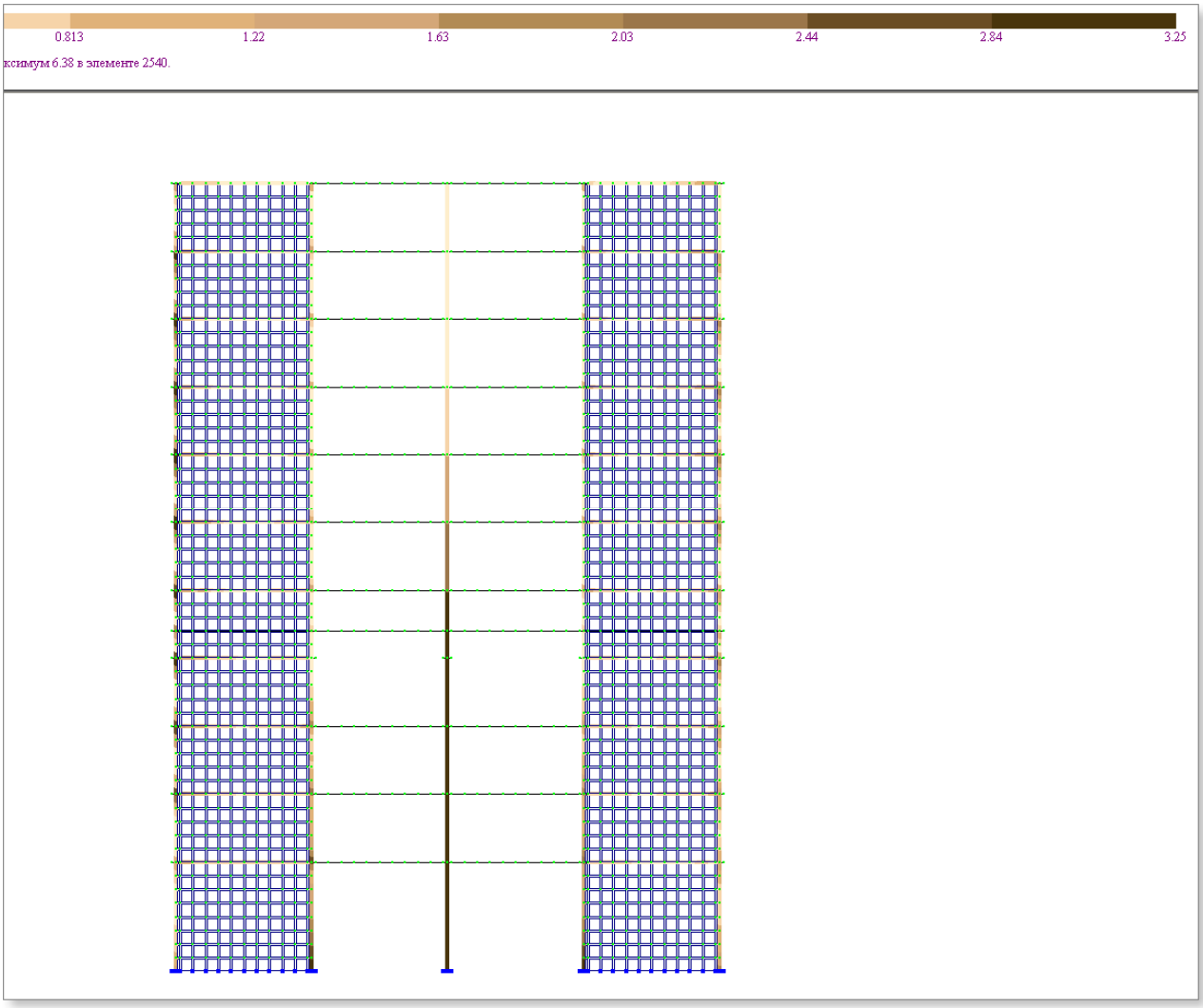
Т-Т, Ъд^2


0.406
0.813
1.22
1.63
2.03
2.44
2.84
3.25
ричное армирование . Максимум 7.31 в элементе 2538.

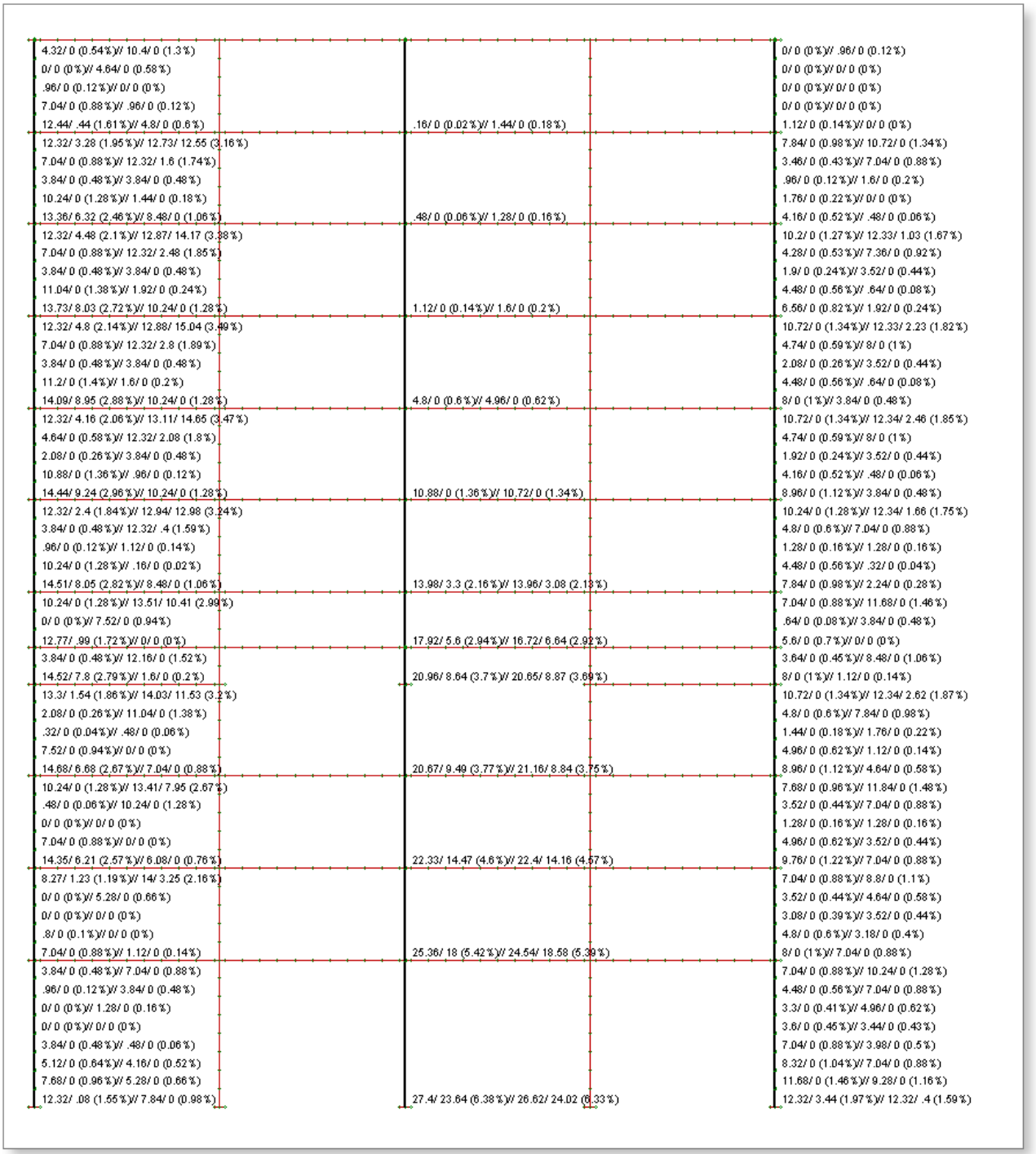
0-0, %


5.44/ 0 (0.68%)// 8.32/ 0 (1.04%)
2.24/ 0 (0.28%)// 4.96/ 0 (0.62%)
.48/ 0 (0.06%)// 1.92/ 0 (0.24%)
3.84/ 0 (0.48%)// .32/ 0 (0.04%)
4.48/ 0 (0.56%)// 7.36/ 0 (0.92%)
10.88/ 0 (1.36%)// 12.33/ 2.15 (1.81%)
5.28/ 0 (0.66%)// 7.52/ 0 (0.94%)
7.04/ 0 (0.88%)// 3.84/ 0 (0.48%)
7.04/ 0 (0.88%)// 4.16/ 0 (0.52%)
3.84/ 0 (0.48%)// 6.08/ 0 (0.76%)
1.12/ 0 (0.14%)// 3.84/ 0 (0.48%)
.64/ 0 (0.08%)// .96/ 0 (0.12%)
3.84/ 0 (0.48%)// .64/ 0 (0.08%)
2.08/ 0 (0.26%)// 2.4/ 0 (0.3%)
7.2/ 0 (0.9%)// 6.72/ 0 (0.84%)
5.44/ 0 (0.68%)// 6.56/ 0 (0.82%)
7.04/ 0 (0.88%)// 2.4/ 0 (0.3%)
8.48/ 0 (1.06%)// 10.24/ 0 (1.28%)
3.84/ 0 (0.48%)// 6.56/ 0 (0.82%)
.96/ 0 (0.12%)// 3.84/ 0 (0.48%)
.32/ 0 (0.04%)// .64/ 0 (0.08%)
2.08/ 0 (0.26%)// 0/ 0 (0%)
2.56/ 0 (0.32%)// 3.52/ 0 (0.44%)
6.08/ 0 (0.76%)// 7.04/ 0 (0.88%)
6.4/ 0 (0.8%)// 7.2/ 0 (0.9%)
4.96/ 0 (0.62%)// 1.44/ 0 (0.18%)
9.12/ 0 (1.14%)// 10.24/ 0 (1.28%)
3.04/ 0 (0.38%)// 5.6/ 0 (0.7%)
.64/ 0 (0.08%)// 2.4/ 0 (0.3%)
0/ 0 (0%)// 0/ 0 (0%)
.8/ 0 (0.1%)// 0/ 0 (0%)
2.88/ 0 (0.36%)// 3.52/ 0 (0.44%)
5.28/ 0 (0.66%)// 5.44/ 0 (0.68%)
8.16/ 0 (1.02%)// 8.32/ 0 (1.04%)
4.64/ 0 (0.58%)// .96/ 0 (0.12%)
10.24/ 0 (1.28%)// 10.24/ 0 (1.28%)
1.44/ 0 (0.18%)// 4.32/ 0 (0.54%)
0/ 0 (0%)// .96/ 0 (0.12%)
0/ 0 (0%)// 0/ 0 (0%)
.96/ 0 (0.12%)// 0/ 0 (0%)
3.04/ 0 (0.38%)// 3.52/ 0 (0.44%)
4.64/ 0 (0.58%)// 4.64/ 0 (0.58%)
13.49/ .03 (1.69%)// 13.41/ .03 (1.68%)
4.64/ 0 (0.58%)// 1.6/ 0 (0.2%)
10.4/ 0 (1.3%)// 10.72/ 0 (1.34%)
0/ 0 (0%)// 3.2/ 0 (0.4%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
1.6/ 0 (0.2%)// 0/ 0 (0%)
4.96/ 0 (0.62%)// 4/ 0 (0.5%)
8.8/ 0 (1.1%)// 8.32/ 0 (1.04%)
17.14/ 1.18 (2.29%)// 18.51/ .13 (2.38%)
5.44/ 0 (0.68%)// 3.84/ 0 (0.48%)
10.24/ 0 (1.28%)// 10.24/ 0 (1.28%)
0/ 0 (0%)// 1.6/ 0 (0.2%)
0/ 0 (0%)// 0/ 0 (0%)
7.04/ 0 (0.88%)// 6.4/ 0 (0.8%)
12.34/ .7 (1.63%)// 11.36/ 0 (1.42%)
17.58/ 5.14 (2.84%)// 20.23/ 4.01 (3.03%)
16/ 0 (0.02%)// 0/ 0 (0%)
10.24/ 0 (1.28%)// 11.68/ 0 (1.46%)
0/ 0 (0%)// 0/ 0 (0%)
9.12/ 0 (1.14%)// 10.72/ 0 (1.34%)
14.09/ 4.71 (2.35%)// 12.46/ 5.86 (2.29%)
9.29/ 21.42 (4.29%)// 21.34/ 8.66 (3.75%)
0/ 0 (0%)// 0/ 0 (0%)
10.24/ 0 (1.28%)// 7.84/ 0 (0.98%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
.8/ 0 (0.1%)// 0/ 0 (0%)
4.16/ 0 (0.52%)// 3.84/ 0 (0.48%)
12.68/ .04 (1.59%)// 12.54/ .02 (1.57%)
19.9/ 1.14 (2.63%)// 19.71/ .69 (2.55%)
17.08/ 17.8 (4.36%)// 17.71/ 16.93 (4.33%)
7.04/ 0 (0.88%)// 7.04/ 0 (0.88%)
10.72/ 0 (1.34%)// 10.56/ 0 (1.32%)
.16/ 0 (0.02%)// 2.72/ 0 (0.34%)
0/ 0 (0%)// .64/ 0 (0.08%)
.64/ 0 (0.08%)// 1.12/ 0 (0.14%)
7.04/ 0 (0.88%)// 5.88/ 0 (0.73%)
16.01/ .55 (2.07%)// 16.34/ .38 (2.09%)
13.46/ 13.98 (3.43%)// 15.24/ 12.28 (3.24%)
17.34 (5.25%)// 27.74/ 14.02 (5.02%)
10.24/ 0 (1.28%)// 7.04/ 0 (0.88%)
10.24/ 0 (1.28%)// 10.24/ 0 (1.28%)
6.08/ 0 (0.76%)// 7.52/ 0 (0.94%)
3.52/ 0 (0.44%)// 3.52/ 0 (0.44%)
4.26/ 0 (0.53%)// 4.14/ 0 (0.52%)
7.04/ 0 (0.88%)// 6.26/ 0 (0.78%)
21.07/ .29 (2.67%)// 18.77/ 1.31 (2.51%)
15.76/ 19.76 (4.44%)// 18.53/ 14.99 (4.39%)
22.4 (6.17%)// 29.08/ 20.04 (6.14%)
11.36/ 0 (1.42%)// 9.64/ 0 (1.2%)
5.6/ 0 (0.7%)// 7.84/ 0 (0.98%)
9.44/ 0 (1.18%)// 10.24/ 0 (1.28%)
6.22/ 0 (0.78%)// 6.08/ 0 (0.76%)
5.56/ 0 (0.69%)// 5.44/ 0 (0.68%)
6.4/ 0 (0.8%)// 6.38/ 0 (0.8%)
8.56/ 0 (1.07%)// 8.52/ 0 (1.06%)
11.98/ 0 (1.5%)// 11.92/ 0 (1.49%)
16.99/ 1.17 (2.27%)// 15.29/ 2.71 (2.25%)
13.84/ 14.64 (3.56%)// 14.49/ 9.67 (3.02%)
7.73 (5.08%)// 32.54/ 6.58 (4.89%)
0 (0%)// 0/ 0 (0%)
16.67/ 24.37 (5.13%)// 22.15/ 6.65 (3.66%)
0 (0.86%)// 3.84/ 0 (0.48%)

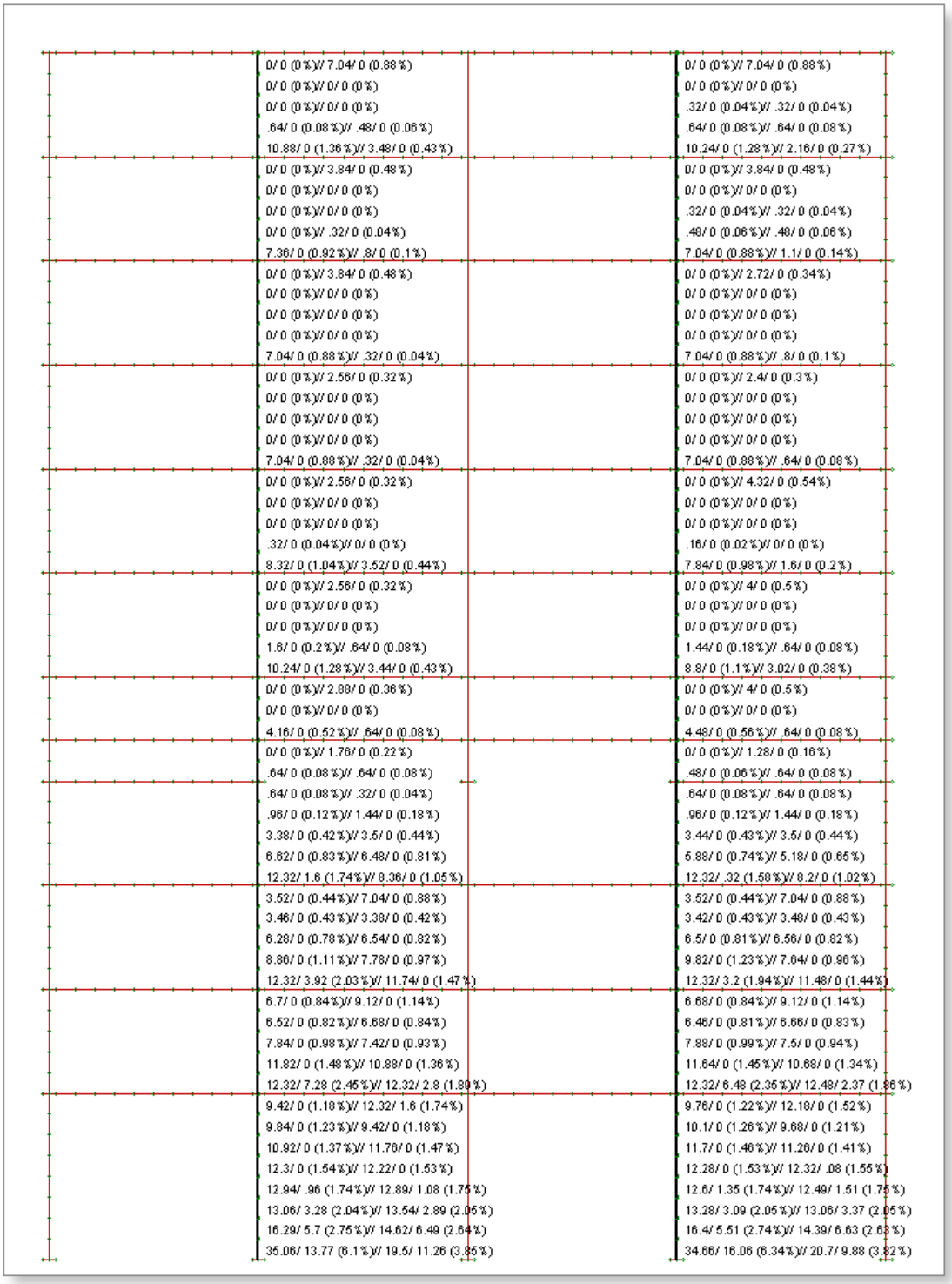
0-0, ьд^2



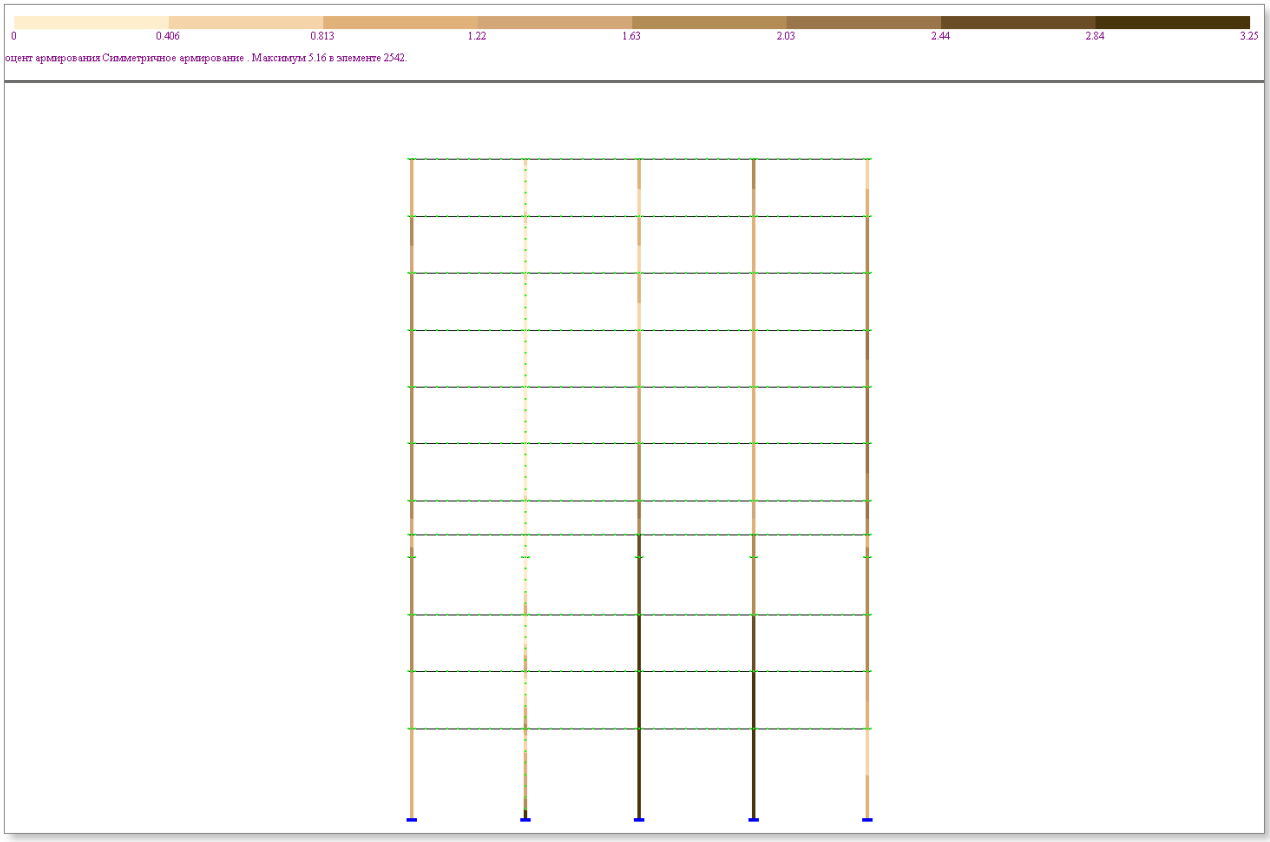
В-В, %


4.32/ 0 (0.54%)// 10.4/ 0 (1.3%)
0/ 0 (0%)// 4.64/ 0 (0.58%)
.96/ 0 (0.12%)// 0/ 0 (0%)
7.04/ 0 (0.88%)// .96/ 0 (0.12%)
12.44/ .44 (1.61%)// 4.8/ 0 (0.6%)
.16/ 0 (0.02%)// 1.44/ 0 (0.18%)
0/ 0 (0%)// .96/ 0 (0.12%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
1.12/ 0 (0.14%)// 0/ 0 (0%)
12.32/ 3.28 (1.95%)// 12.73/ 12.55 (3.16%)
7.04/ 0 (0.88%)// 12.32/ 1.6 (1.74%)
3.84/ 0 (0.48%)// 3.84/ 0 (0.48%)
10.24/ 0 (1.28%)// 1.44/ 0 (0.18%)
13.36/ 6.32 (2.46%)// 8.48/ 0 (1.06%)
.48/ 0 (0.06%)// 1.28/ 0 (0.16%)
7.84/ 0 (0.98%)// 10.72/ 0 (1.34%)
3.46/ 0 (0.43%)// 7.04/ 0 (0.88%)
.96/ 0 (0.12%)// 1.6/ 0 (0.2%)
1.76/ 0 (0.22%)// 0/ 0 (0%)
4.16/ 0 (0.52%)// .48/ 0 (0.06%)
12.32/ 4.48 (2.1%)// 12.87/ 14.17 (3.38%)
7.04/ 0 (0.88%)// 12.32/ 2.48 (1.85%)
3.84/ 0 (0.48%)// 3.84/ 0 (0.48%)
11.04/ 0 (1.38%)// 1.92/ 0 (0.24%)
13.73/ 8.03 (2.72%)// 10.24/ 0 (1.28%)
1.12/ 0 (0.14%)// 1.6/ 0 (0.2%)
10.2/ 0 (1.27%)// 12.33/ 1.03 (1.67%)
4.28/ 0 (0.53%)// 7.36/ 0 (0.92%)
1.9/ 0 (0.24%)// 3.52/ 0 (0.44%)
4.48/ 0 (0.56%)// .64/ 0 (0.08%)
6.56/ 0 (0.82%)// 1.92/ 0 (0.24%)
12.32/ 4.8 (2.14%)// 12.88/ 15.04 (3.49%)
7.04/ 0 (0.88%)// 12.32/ 2.8 (1.89%)
3.84/ 0 (0.48%)// 3.84/ 0 (0.48%)
11.2/ 0 (1.4%)// 1.6/ 0 (0.2%)
14.09/ 8.95 (2.88%)// 10.24/ 0 (1.28%)
4.8/ 0 (0.6%)// 4.96/ 0 (0.62%)
10.72/ 0 (1.34%)// 12.33/ 2.23 (1.82%)
4.74/ 0 (0.59%)// 8/ 0 (1%)
2.08/ 0 (0.26%)// 3.52/ 0 (0.44%)
4.48/ 0 (0.56%)// .64/ 0 (0.08%)
8/ 0 (1%)// 3.84/ 0 (0.48%)
12.32/ 4.16 (2.06%)// 13.11/ 14.65 (3.47%)
4.64/ 0 (0.58%)// 12.32/ 2.08 (1.8%)
2.08/ 0 (0.26%)// 3.84/ 0 (0.48%)
10.88/ 0 (1.36%)// .96/ 0 (0.12%)
14.44/ 9.24 (2.96%)// 10.24/ 0 (1.28%)
10.88/ 0 (1.36%)// 10.72/ 0 (1.34%)
10.72/ 0 (1.34%)// 12.34/ 2.46 (1.85%)
4.74/ 0 (0.59%)// 8/ 0 (1%)
1.92/ 0 (0.24%)// 3.52/ 0 (0.44%)
4.16/ 0 (0.52%)// .48/ 0 (0.06%)
8.96/ 0 (1.12%)// 3.84/ 0 (0.48%)
12.32/ 2.4 (1.84%)// 12.94/ 12.98 (3.24%)
3.84/ 0 (0.48%)// 12.32/ .4 (1.59%)
.96/ 0 (0.12%)// 1.12/ 0 (0.14%)
10.24/ 0 (1.28%)// .16/ 0 (0.02%)
14.51/ 8.05 (2.82%)// 8.48/ 0 (1.06%)
13.98/ 3.3 (2.16%)// 13.96/ 3.08 (2.13%)
10.24/ 0 (1.28%)// 12.34/ 1.66 (1.75%)
4.8/ 0 (0.6%)// 7.04/ 0 (0.88%)
1.28/ 0 (0.16%)// 1.28/ 0 (0.16%)
4.48/ 0 (0.56%)// .32/ 0 (0.04%)
7.84/ 0 (0.98%)// 2.24/ 0 (0.28%)
10.24/ 0 (1.28%)// 13.51/ 10.41 (2.99%)
0/ 0 (0%)// 7.52/ 0 (0.94%)
12.77/ .99 (1.72%)// 0/ 0 (0%)
17.92/ 5.6 (2.94%)// 16.72/ 6.64 (2.92%)
7.04/ 0 (0.88%)// 11.68/ 0 (1.46%)
.64/ 0 (0.08%)// 3.84/ 0 (0.48%)
5.6/ 0 (0.7%)// 0/ 0 (0%)
3.84/ 0 (0.48%)// 12.16/ 0 (1.52%)
14.52/ 7.8 (2.79%)// 1.6/ 0 (0.2%)
20.96/ 8.64 (3.7%)// 20.65/ 8.87 (3.69%)
3.64/ 0 (0.45%)// 8.48/ 0 (1.06%)
8/ 0 (1%)// 1.12/ 0 (0.14%)
13.3/ 1.54 (1.86%)// 14.03/ 11.53 (3.2%)
2.08/ 0 (0.26%)// 11.04/ 0 (1.38%)
.32/ 0 (0.04%)// .48/ 0 (0.06%)
7.52/ 0 (0.94%)// 0/ 0 (0%)
14.68/ 6.68 (2.67%)// 7.04/ 0 (0.88%)
20.67/ 9.49 (3.77%)// 21.16/ 8.84 (3.75%)
10.72/ 0 (1.34%)// 12.34/ 2.62 (1.87%)
4.8/ 0 (0.6%)// 7.84/ 0 (0.98%)
1.44/ 0 (0.18%)// 1.76/ 0 (0.22%)
4.96/ 0 (0.62%)// 1.12/ 0 (0.14%)
8.96/ 0 (1.12%)// 4.64/ 0 (0.58%)
10.24/ 0 (1.28%)// 13.41/ 7.95 (2.67%)
.48/ 0 (0.06%)// 10.24/ 0 (1.28%)
0/ 0 (0%)// 0/ 0 (0%)
7.04/ 0 (0.88%)// 0/ 0 (0%)
14.35/ 6.21 (2.57%)// 6.08/ 0 (0.76%)
22.33/ 14.47 (4.6%)// 22.4/ 14.16 (4.57%)
7.68/ 0 (0.96%)// 11.84/ 0 (1.48%)
3.52/ 0 (0.44%)// 7.04/ 0 (0.88%)
1.28/ 0 (0.16%)// 1.28/ 0 (0.16%)
4.96/ 0 (0.62%)// 3.52/ 0 (0.44%)
9.76/ 0 (1.22%)// 7.04/ 0 (0.88%)
8.27/ 1.23 (1.19%)// 14/ 3.25 (2.16%)
0/ 0 (0%)// 5.28/ 0 (0.66%)
0/ 0 (0%)// 0/ 0 (0%)
.8/ 0 (0.1%)// 0/ 0 (0%)
7.04/ 0 (0.88%)// 1.12/ 0 (0.14%)
25.36/ 18 (5.42%)// 24.54/ 18.58 (5.39%)
7.04/ 0 (0.88%)// 8.8/ 0 (1.1%)
3.52/ 0 (0.44%)// 4.64/ 0 (0.58%)
3.08/ 0 (0.39%)// 3.52/ 0 (0.44%)
4.8/ 0 (0.6%)// 3.18/ 0 (0.4%)
8/ 0 (1%)// 7.04/ 0 (0.88%)
3.84/ 0 (0.48%)// 7.04/ 0 (0.88%)
.96/ 0 (0.12%)// 3.84/ 0 (0.48%)
0/ 0 (0%)// 1.28/ 0 (0.16%)
0/ 0 (0%)// 0/ 0 (0%)
3.84/ 0 (0.48%)// .48/ 0 (0.06%)
5.12/ 0 (0.64%)// 4.16/ 0 (0.52%)
7.68/ 0 (0.96%)// 5.28/ 0 (0.66%)
12.32/ .08 (1.55%)// 7.84/ 0 (0.98%)
27.4/ 23.64 (6.38%)// 26.62/ 24.02 (6.33%)
7.04/ 0 (0.88%)// 10.24/ 0 (1.28%)
4.48/ 0 (0.56%)// 7.04/ 0 (0.88%)
3.3/ 0 (0.41%)// 4.96/ 0 (0.62%)
3.6/ 0 (0.45%)// 3.44/ 0 (0.43%)
7.04/ 0 (0.88%)// 3.98/ 0 (0.5%)
8.32/ 0 (1.04%)// 7.04/ 0 (0.88%)
11.68/ 0 (1.46%)// 9.28/ 0 (1.16%)
12.32/ 3.44 (1.97%)// 12.32/ .4 (1.59%)

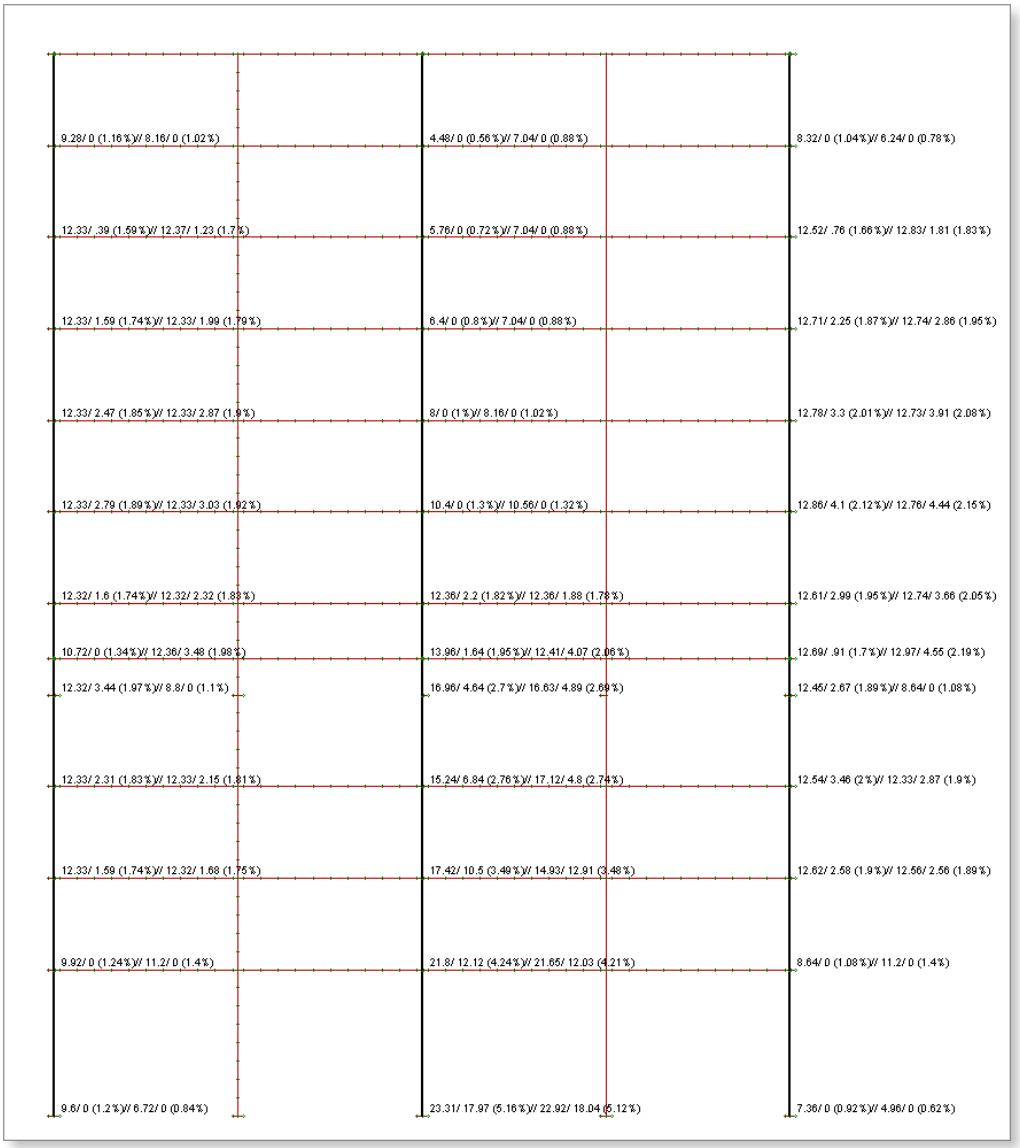
B-B, სმ²


0/ 0 (0 %)/ 7.04/ 0 (0.88 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
.64/ 0 (0.08 %)/ .48/ 0 (0.06 %)
10.88/ 0 (1.36 %)/ 3.48/ 0 (0.43 %)
0/ 0 (0 %)/ 3.84/ 0 (0.48 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ .32/ 0 (0.04 %)
7.36/ 0 (0.92 %)/ .8/ 0 (0.1 %)
0/ 0 (0 %)/ 3.84/ 0 (0.48 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
7.04/ 0 (0.88 %)/ .32/ 0 (0.04 %)
0/ 0 (0 %)/ 2.56/ 0 (0.32 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
7.04/ 0 (0.88 %)/ .32/ 0 (0.04 %)
0/ 0 (0 %)/ 2.56/ 0 (0.32 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
.32/ 0 (0.04 %)/ 0/ 0 (0 %)
8.32/ 0 (1.04 %)/ 3.52/ 0 (0.44 %)
0/ 0 (0 %)/ 2.56/ 0 (0.32 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
1.6/ 0 (0.2 %)/ .64/ 0 (0.08 %)
10.24/ 0 (1.28 %)/ 3.44/ 0 (0.43 %)
0/ 0 (0 %)/ 2.88/ 0 (0.36 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
4.16/ 0 (0.52 %)/ .64/ 0 (0.08 %)
0/ 0 (0 %)/ 1.76/ 0 (0.22 %)
.64/ 0 (0.08 %)/ .64/ 0 (0.08 %)
.64/ 0 (0.08 %)/ .32/ 0 (0.04 %)
.96/ 0 (0.12 %)/ 1.44/ 0 (0.18 %)
3.38/ 0 (0.42 %)/ 3.5/ 0 (0.44 %)
6.62/ 0 (0.83 %)/ 6.48/ 0 (0.81 %)
12.32/ 1.6 (1.74 %)/ 8.36/ 0 (1.05 %)
3.52/ 0 (0.44 %)/ 7.04/ 0 (0.88 %)
3.46/ 0 (0.43 %)/ 3.38/ 0 (0.42 %)
6.28/ 0 (0.78 %)/ 6.54/ 0 (0.82 %)
8.86/ 0 (1.11 %)/ 7.78/ 0 (0.97 %)
12.32/ 3.92 (2.03 %)/ 11.74/ 0 (1.47 %)
6.7/ 0 (0.84 %)/ 9.12/ 0 (1.14 %)
6.52/ 0 (0.82 %)/ 6.68/ 0 (0.84 %)
7.84/ 0 (0.98 %)/ 7.42/ 0 (0.93 %)
11.82/ 0 (1.48 %)/ 10.88/ 0 (1.36 %)
12.32/ 7.28 (2.45 %)/ 12.32/ 2.8 (1.89 %)
9.42/ 0 (1.18 %)/ 12.32/ 1.6 (1.74 %)
9.84/ 0 (1.23 %)/ 9.42/ 0 (1.18 %)
10.92/ 0 (1.37 %)/ 11.76/ 0 (1.47 %)
12.3/ 0 (1.54 %)/ 12.22/ 0 (1.53 %)
12.94/ .96 (1.74 %)/ 12.89/ 1.08 (1.75 %)
13.06/ 3.28 (2.04 %)/ 13.54/ 2.89 (2.05 %)
16.29/ 5.7 (2.75 %)/ 14.62/ 6.49 (2.64 %)
35.06/ 13.77 (6.1 %)/ 19.5/ 11.26 (3.85 %)
0/ 0 (0 %)/ 7.04/ 0 (0.88 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
.32/ 0 (0.04 %)/ .32/ 0 (0.04 %)
.64/ 0 (0.08 %)/ .64/ 0 (0.08 %)
10.24/ 0 (1.28 %)/ 2.16/ 0 (0.27 %)
0/ 0 (0 %)/ 3.84/ 0 (0.48 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
.32/ 0 (0.04 %)/ .32/ 0 (0.04 %)
.48/ 0 (0.06 %)/ .48/ 0 (0.06 %)
7.04/ 0 (0.88 %)/ 1.1/ 0 (0.14 %)
0/ 0 (0 %)/ 2.72/ 0 (0.34 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
7.04/ 0 (0.88 %)/ .8/ 0 (0.1 %)
0/ 0 (0 %)/ 2.4/ 0 (0.3 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
7.04/ 0 (0.88 %)/ .64/ 0 (0.08 %)
0/ 0 (0 %)/ 4.32/ 0 (0.54 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
.16/ 0 (0.02 %)/ 0/ 0 (0 %)
7.84/ 0 (0.98 %)/ 1.6/ 0 (0.2 %)
0/ 0 (0 %)/ 4/ 0 (0.5 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
1.44/ 0 (0.18 %)/ .64/ 0 (0.08 %)
8.8/ 0 (1.1 %)/ 3.02/ 0 (0.38 %)
0/ 0 (0 %)/ 4/ 0 (0.5 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
4.48/ 0 (0.56 %)/ .64/ 0 (0.08 %)
0/ 0 (0 %)/ 1.28/ 0 (0.16 %)
.48/ 0 (0.06 %)/ .64/ 0 (0.08 %)
.64/ 0 (0.08 %)/ .64/ 0 (0.08 %)
.96/ 0 (0.12 %)/ 1.44/ 0 (0.18 %)
3.44/ 0 (0.43 %)/ 3.5/ 0 (0.44 %)
5.88/ 0 (0.74 %)/ 5.18/ 0 (0.65 %)
12.32/ .32 (1.58 %)/ 8.2/ 0 (1.02 %)
3.52/ 0 (0.44 %)/ 7.04/ 0 (0.88 %)
3.42/ 0 (0.43 %)/ 3.48/ 0 (0.43 %)
6.5/ 0 (0.81 %)/ 6.56/ 0 (0.82 %)
9.82/ 0 (1.23 %)/ 7.64/ 0 (0.96 %)
12.32/ 3.2 (1.94 %)/ 11.48/ 0 (1.44 %)
6.68/ 0 (0.84 %)/ 9.12/ 0 (1.14 %)
6.46/ 0 (0.81 %)/ 6.66/ 0 (0.83 %)
7.88/ 0 (0.99 %)/ 7.5/ 0 (0.94 %)
11.64/ 0 (1.45 %)/ 10.68/ 0 (1.34 %)
12.32/ 6.48 (2.35 %)/ 12.48/ 2.37 (1.86 %)
9.76/ 0 (1.22 %)/ 12.18/ 0 (1.52 %)
10.1/ 0 (1.26 %)/ 9.68/ 0 (1.21 %)
11.7/ 0 (1.46 %)/ 11.26/ 0 (1.41 %)
12.28/ 0 (1.53 %)/ 12.32/ .08 (1.55 %)
12.6/ 1.35 (1.74 %)/ 12.49/ 1.51 (1.75 %)
13.28/ 3.09 (2.05 %)/ 13.06/ 3.37 (2.05 %)
16.4/ 5.51 (2.74 %)/ 14.39/ 6.63 (2.63 %)
34.66/ 16.06 (6.34 %)/ 20.7/ 9.88 (3.82 %)

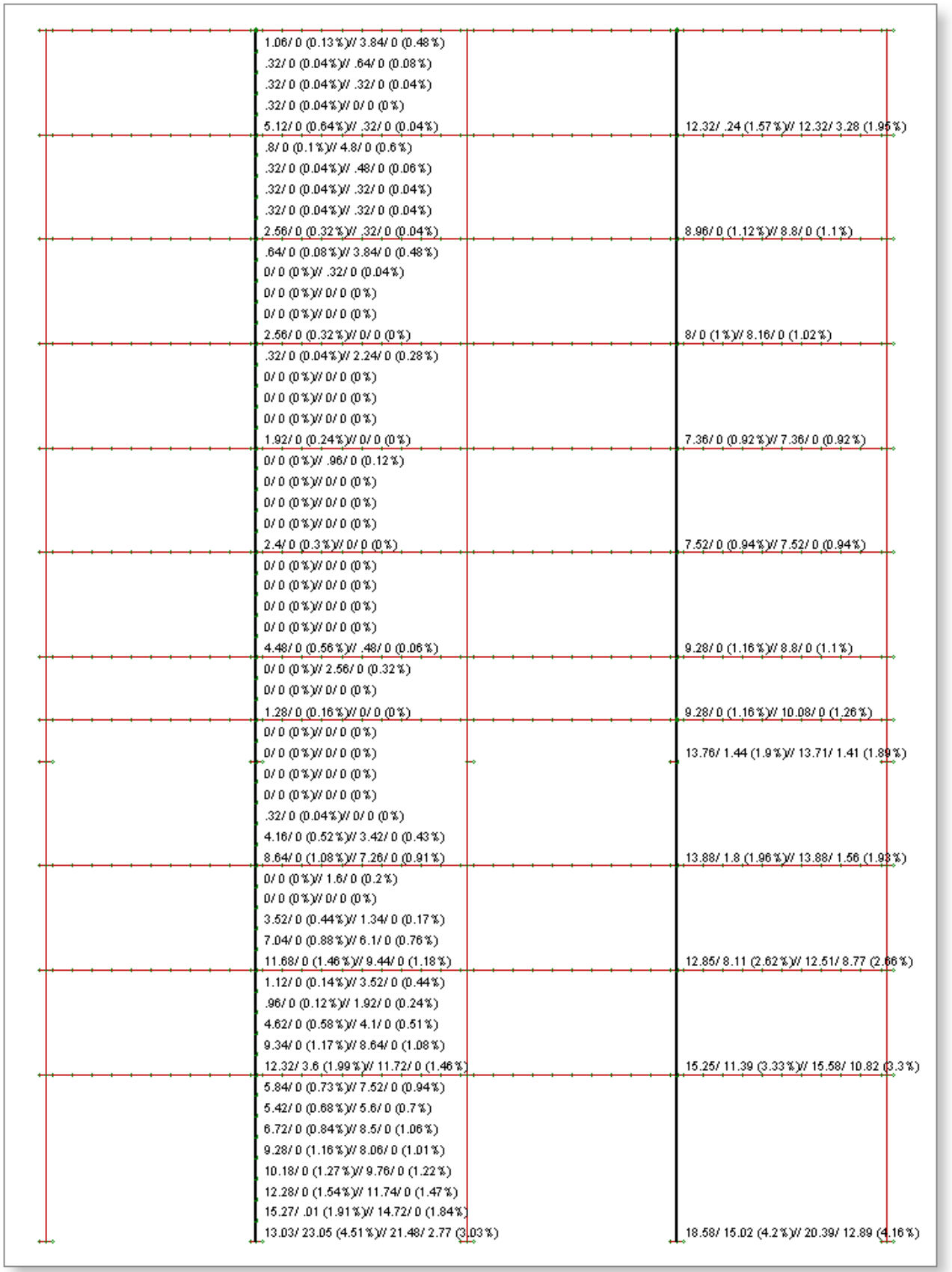
B-B, ъд^2


0
0.406
0.813
1.22
1.63
2.03
2.44
2.84
3.25
оцент армирования Симметричное армирование . Максимум 5.16 в элементе 2542.

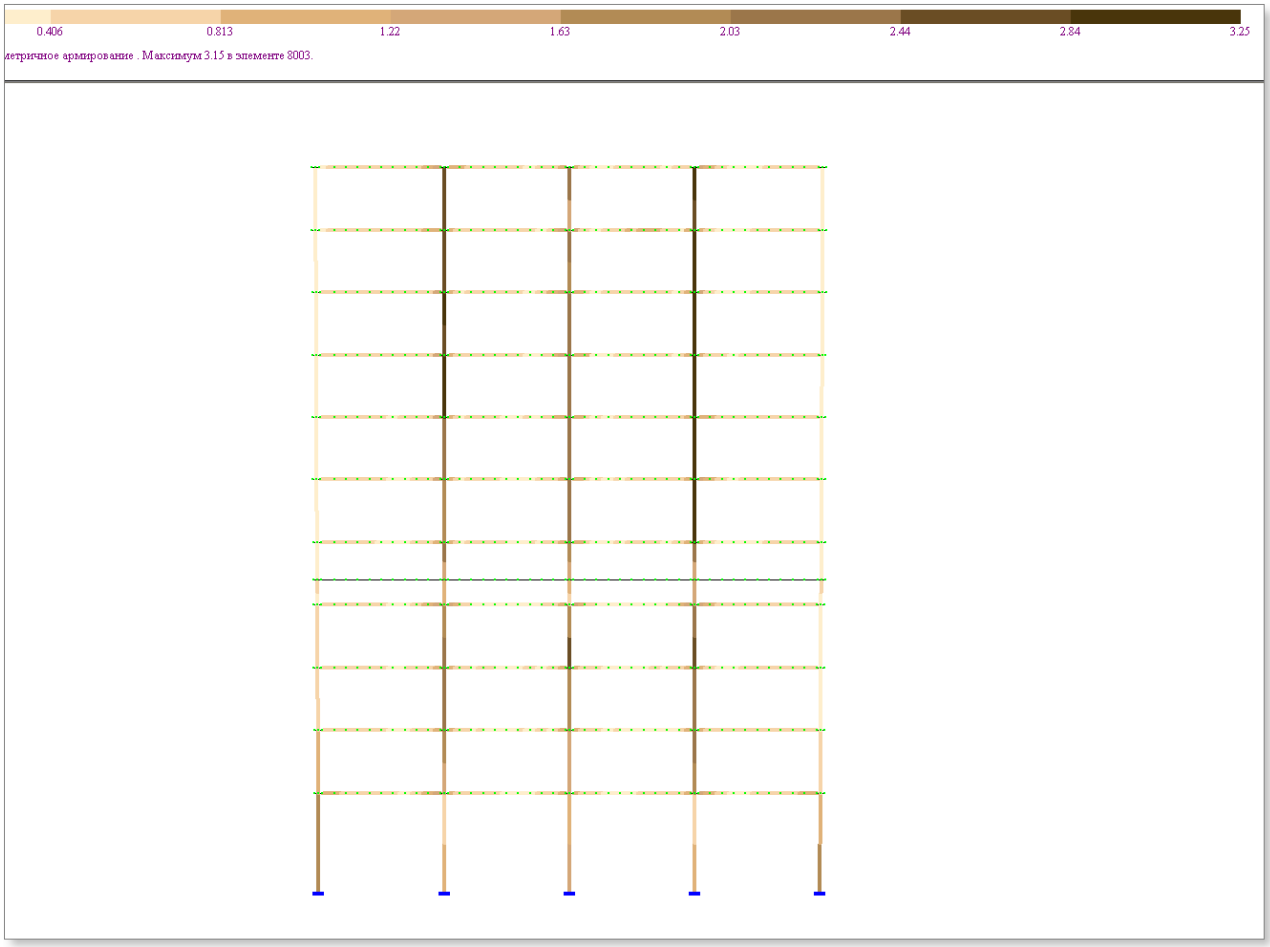
R-R, %


9.28/ 0 (1.16%)/ 8.16/ 0 (1.02%)
4.48/ 0 (0.56%)/ 7.04/ 0 (0.88%)
8.32/ 0 (1.04%)/ 6.24/ 0 (0.78%)
12.33/ .39 (1.59%)/ 12.37/ 1.23 (1.7%)
5.76/ 0 (0.72%)/ 7.04/ 0 (0.88%)
12.52/ .76 (1.66%)/ 12.83/ 1.81 (1.83%)
12.33/ 1.59 (1.74%)/ 12.33/ 1.99 (1.79%)
6.4/ 0 (0.8%)/ 7.04/ 0 (0.88%)
12.71/ 2.25 (1.87%)/ 12.74/ 2.86 (1.95%)
12.33/ 2.47 (1.85%)/ 12.33/ 2.87 (1.9%)
8/ 0 (1%)/ 8.16/ 0 (1.02%)
12.78/ 3.3 (2.01%)/ 12.73/ 3.91 (2.08%)
12.33/ 2.79 (1.89%)/ 12.33/ 3.03 (1.92%)
10.4/ 0 (1.3%)/ 10.56/ 0 (1.32%)
12.86/ 4.1 (2.12%)/ 12.76/ 4.44 (2.15%)
12.32/ 1.6 (1.74%)/ 12.32/ 2.32 (1.83%)
12.36/ 2.2 (1.82%)/ 12.36/ 1.88 (1.78%)
12.61/ 2.99 (1.95%)/ 12.74/ 3.66 (2.05%)
10.72/ 0 (1.34%)/ 12.36/ 3.48 (1.98%)
13.96/ 1.64 (1.95%)/ 12.41/ 4.07 (2.06%)
12.69/ .91 (1.7%)/ 12.97/ 4.55 (2.19%)
12.32/ 3.44 (1.97%)/ 8.8/ 0 (1.1%)
16.96/ 4.64 (2.7%)/ 16.63/ 4.89 (2.69%)
12.45/ 2.67 (1.89%)/ 8.64/ 0 (1.08%)
12.33/ 2.31 (1.83%)/ 12.33/ 2.15 (1.81%)
15.24/ 6.84 (2.76%)/ 17.12/ 4.8 (2.74%)
12.54/ 3.46 (2%)/ 12.33/ 2.87 (1.9%)
12.33/ 1.59 (1.74%)/ 12.32/ 1.68 (1.75%)
17.42/ 10.5 (3.49%)/ 14.93/ 12.91 (3.48%)
12.62/ 2.58 (1.9%)/ 12.56/ 2.56 (1.89%)
9.92/ 0 (1.24%)/ 11.2/ 0 (1.4%)
21.8/ 12.12 (4.24%)/ 21.65/ 12.03 (4.21%)
8.64/ 0 (1.08%)/ 11.2/ 0 (1.4%)
9.6/ 0 (1.2%)/ 6.72/ 0 (0.84%)
23.31/ 17.97 (5.16%)/ 22.92/ 18.04 (5.12%)
7.36/ 0 (0.92%)/ 4.96/ 0 (0.62%)

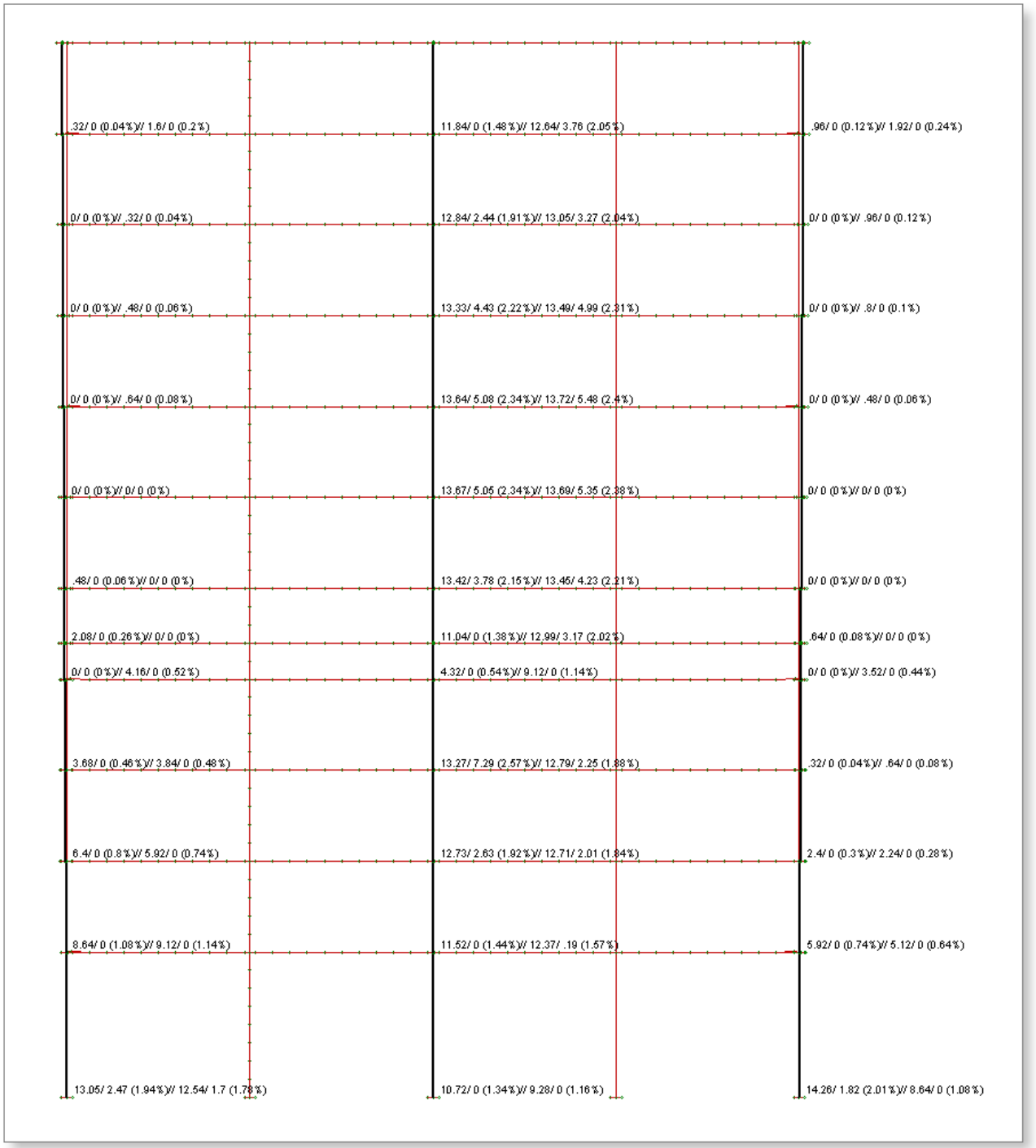
R-R, ъð^2


1.06/ 0 (0.13%)// 3.84/ 0 (0.48%)
.32/ 0 (0.04%)// .64/ 0 (0.08%)
.32/ 0 (0.04%)// .32/ 0 (0.04%)
.32/ 0 (0.04%)// 0/ 0 (0%)
5.12/ 0 (0.64%)// .32/ 0 (0.04%)
12.32/ .24 (1.57%)// 12.32/ 3.28 (1.95%)
.8/ 0 (0.1%)// 4.8/ 0 (0.6%)
.32/ 0 (0.04%)// .48/ 0 (0.06%)
.32/ 0 (0.04%)// .32/ 0 (0.04%)
.32/ 0 (0.04%)// .32/ 0 (0.04%)
2.56/ 0 (0.32%)// .32/ 0 (0.04%)
8.96/ 0 (1.12%)// 8.8/ 0 (1.1%)
.64/ 0 (0.08%)// 3.84/ 0 (0.48%)
0/ 0 (0%)// .32/ 0 (0.04%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
2.56/ 0 (0.32%)// 0/ 0 (0%)
8/ 0 (1%)// 8.16/ 0 (1.02%)
.32/ 0 (0.04%)// 2.24/ 0 (0.28%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
1.92/ 0 (0.24%)// 0/ 0 (0%)
7.36/ 0 (0.92%)// 7.36/ 0 (0.92%)
0/ 0 (0%)// .96/ 0 (0.12%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
2.4/ 0 (0.3%)// 0/ 0 (0%)
7.52/ 0 (0.94%)// 7.52/ 0 (0.94%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
4.48/ 0 (0.56%)// .48/ 0 (0.06%)
9.28/ 0 (1.16%)// 8.8/ 0 (1.1%)
0/ 0 (0%)// 2.56/ 0 (0.32%)
0/ 0 (0%)// 0/ 0 (0%)
1.28/ 0 (0.16%)// 0/ 0 (0%)
9.28/ 0 (1.16%)// 10.08/ 0 (1.26%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
13.76/ 1.44 (1.9%)// 13.71/ 1.41 (1.89%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
.32/ 0 (0.04%)// 0/ 0 (0%)
4.16/ 0 (0.52%)// 3.42/ 0 (0.43%)
8.64/ 0 (1.08%)// 7.26/ 0 (0.91%)
13.88/ 1.8 (1.96%)// 13.88/ 1.56 (1.93%)
0/ 0 (0%)// 1.6/ 0 (0.2%)
0/ 0 (0%)// 0/ 0 (0%)
3.52/ 0 (0.44%)// 1.34/ 0 (0.17%)
7.04/ 0 (0.88%)// 6.1/ 0 (0.76%)
11.68/ 0 (1.46%)// 9.44/ 0 (1.18%)
12.85/ 8.11 (2.62%)// 12.51/ 8.77 (2.66%)
1.12/ 0 (0.14%)// 3.52/ 0 (0.44%)
.96/ 0 (0.12%)// 1.92/ 0 (0.24%)
4.62/ 0 (0.58%)// 4.1/ 0 (0.51%)
9.34/ 0 (1.17%)// 8.64/ 0 (1.08%)
12.32/ 3.6 (1.99%)// 11.72/ 0 (1.46%)
15.25/ 11.39 (3.33%)// 15.58/ 10.82 (3.3%)
5.84/ 0 (0.73%)// 7.52/ 0 (0.94%)
5.42/ 0 (0.68%)// 5.6/ 0 (0.7%)
6.72/ 0 (0.84%)// 8.5/ 0 (1.06%)
9.28/ 0 (1.16%)// 8.06/ 0 (1.01%)
10.18/ 0 (1.27%)// 9.76/ 0 (1.22%)
12.28/ 0 (1.54%)// 11.74/ 0 (1.47%)
15.27/ .01 (1.91%)// 14.72/ 0 (1.84%)
13.03/ 23.05 (4.51%)// 21.48/ 2.77 (3.03%)
18.58/ 15.02 (4.2%)// 20.39/ 12.89 (4.16%)

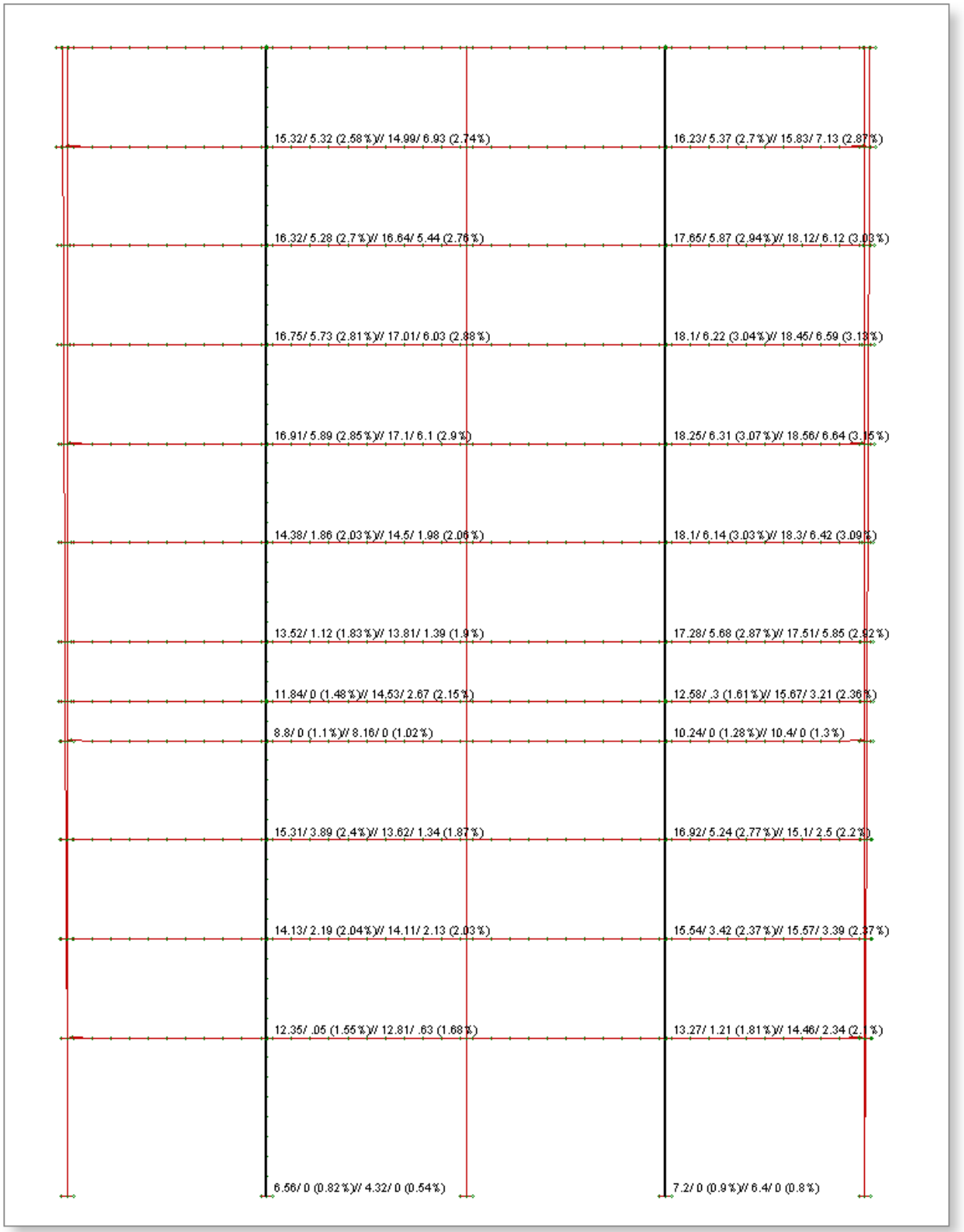
R-R, ъд^2


0.406
0.813
1.22
1.63
2.03
2.44
2.84
3.25
летричное армирование . Максимум 3.15 в элементе 8003.

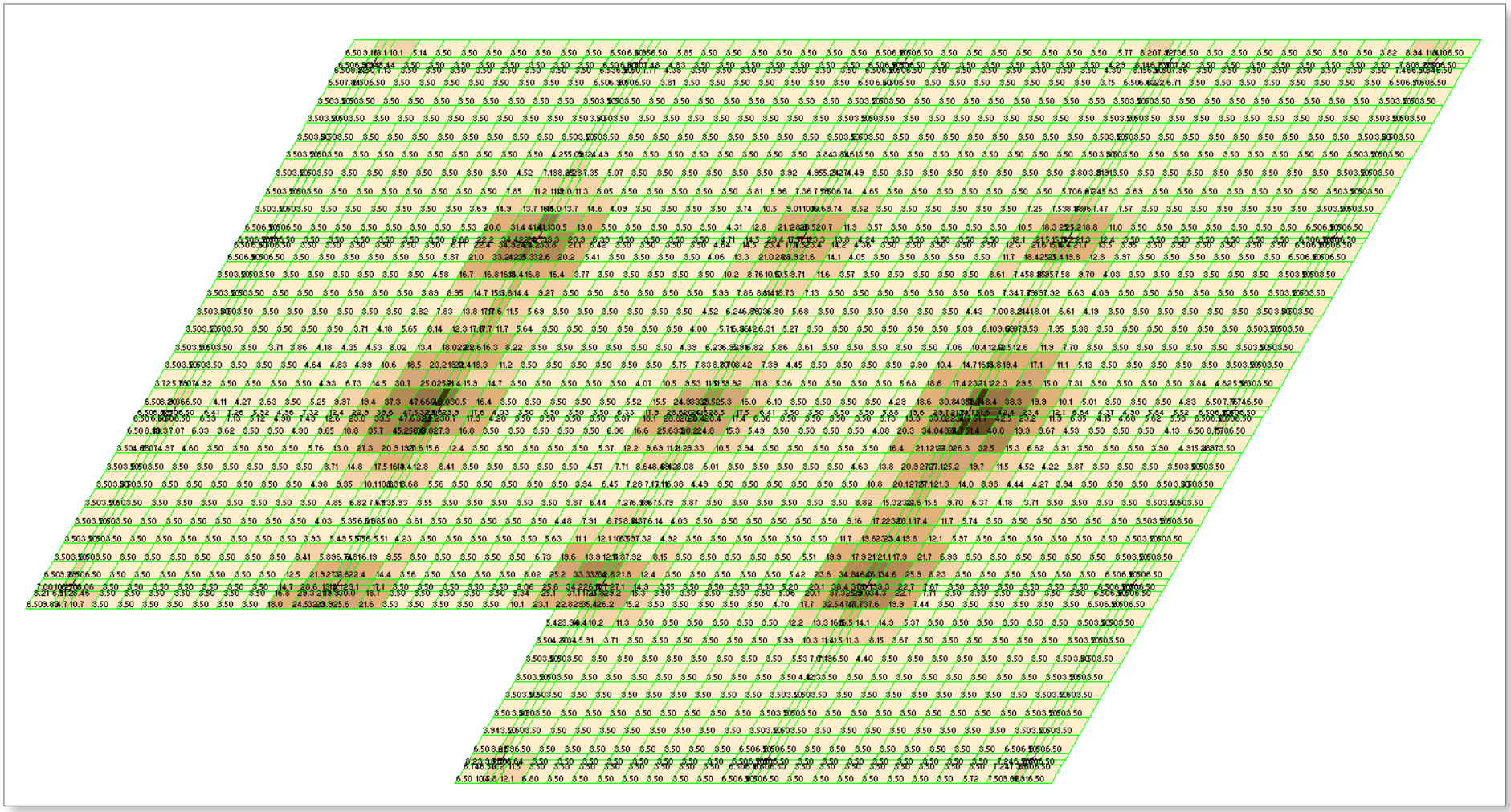
К-К, %


.32/ 0 (0.04%)// 1.6/ 0 (0.2%)
11.84/ 0 (1.48%)// 12.64/ 3.76 (2.05%)
.96/ 0 (0.12%)// 1.92/ 0 (0.24%)
0/ 0 (0%)// .32/ 0 (0.04%)
12.84/ 2.44 (1.91%)// 13.05/ 3.27 (2.04%)
0/ 0 (0%)// .96/ 0 (0.12%)
0/ 0 (0%)// .48/ 0 (0.06%)
13.33/ 4.43 (2.22%)// 13.49/ 4.99 (2.31%)
0/ 0 (0%)// .8/ 0 (0.1%)
0/ 0 (0%)// .64/ 0 (0.08%)
13.64/ 5.08 (2.34%)// 13.72/ 5.48 (2.4%)
0/ 0 (0%)// .48/ 0 (0.06%)
0/ 0 (0%)// 0/ 0 (0%)
13.67/ 5.05 (2.34%)// 13.69/ 5.35 (2.38%)
0/ 0 (0%)// 0/ 0 (0%)
.48/ 0 (0.06%)// 0/ 0 (0%)
13.42/ 3.78 (2.15%)// 13.45/ 4.23 (2.21%)
0/ 0 (0%)// 0/ 0 (0%)
2.08/ 0 (0.26%)// 0/ 0 (0%)
11.04/ 0 (1.38%)// 12.99/ 3.17 (2.02%)
.64/ 0 (0.08%)// 0/ 0 (0%)
0/ 0 (0%)// 4.16/ 0 (0.52%)
4.32/ 0 (0.54%)// 9.12/ 0 (1.14%)
0/ 0 (0%)// 3.52/ 0 (0.44%)
3.68/ 0 (0.46%)// 3.84/ 0 (0.48%)
13.27/ 7.29 (2.57%)// 12.79/ 2.25 (1.88%)
.32/ 0 (0.04%)// .64/ 0 (0.08%)
6.4/ 0 (0.8%)// 5.92/ 0 (0.74%)
12.73/ 2.63 (1.92%)// 12.71/ 2.01 (1.84%)
2.4/ 0 (0.3%)// 2.24/ 0 (0.28%)
8.64/ 0 (1.08%)// 9.12/ 0 (1.14%)
11.52/ 0 (1.44%)// 12.37/ .19 (1.57%)
5.92/ 0 (0.74%)// 5.12/ 0 (0.64%)
13.05/ 2.47 (1.94%)// 12.54/ 1.7 (1.78%)
10.72/ 0 (1.34%)// 9.28/ 0 (1.16%)
14.26/ 1.82 (2.01%)// 8.64/ 0 (1.08%)

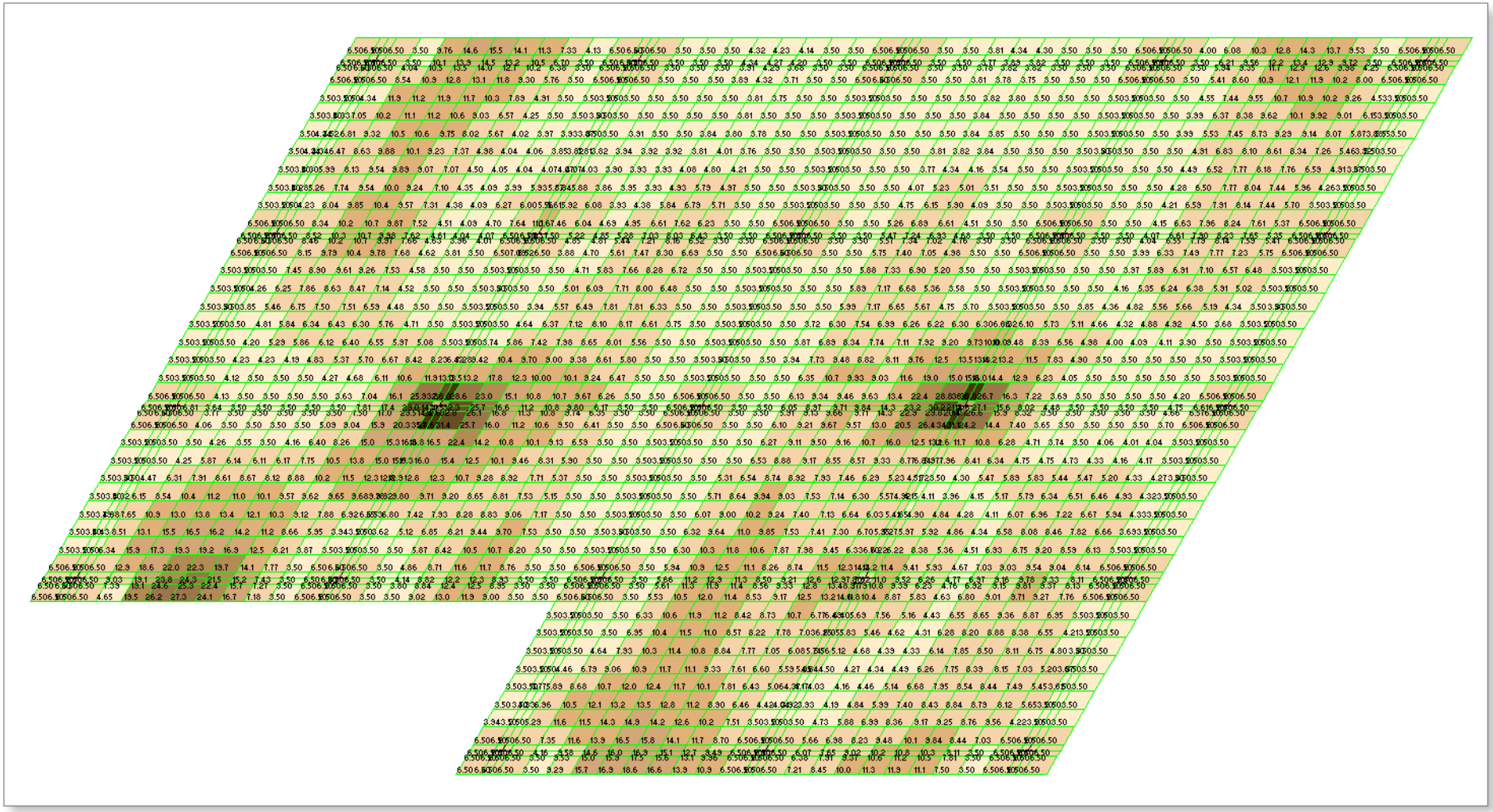
K-K, ъд^2


15.32/ 5.32 (2.58%)// 14.99/ 6.93 (2.74%)
16.23/ 5.37 (2.7%)// 15.83/ 7.13 (2.87%)
16.32/ 5.28 (2.7%)// 16.64/ 5.44 (2.76%)
17.65/ 5.87 (2.94%)// 18.12/ 6.12 (3.03%)
16.75/ 5.73 (2.81%)// 17.01/ 6.03 (2.88%)
18.1/ 6.22 (3.04%)// 18.45/ 6.59 (3.13%)
16.91/ 5.89 (2.85%)// 17.1/ 6.1 (2.9%)
18.25/ 6.31 (3.07%)// 18.56/ 6.64 (3.15%)
14.38/ 1.86 (2.03%)// 14.5/ 1.98 (2.06%)
18.1/ 6.14 (3.03%)// 18.3/ 6.42 (3.09%)
13.52/ 1.12 (1.83%)// 13.81/ 1.39 (1.9%)
17.28/ 5.68 (2.87%)// 17.51/ 5.85 (2.92%)
11.84/ 0 (1.48%)// 14.53/ 2.67 (2.15%)
12.58/ .3 (1.61%)// 15.67/ 3.21 (2.36%)
8.8/ 0 (1.1%)// 8.16/ 0 (1.02%)
10.24/ 0 (1.28%)// 10.4/ 0 (1.3%)
15.31/ 3.89 (2.4%)// 13.62/ 1.34 (1.87%)
16.92/ 5.24 (2.77%)// 15.1/ 2.5 (2.2%)
14.13/ 2.19 (2.04%)// 14.11/ 2.13 (2.03%)
15.54/ 3.42 (2.37%)// 15.57/ 3.39 (2.37%)
12.35/ .05 (1.55%)// 12.81/ .63 (1.68%)
13.27/ 1.21 (1.81%)// 14.46/ 2.34 (2.1%)
6.56/ 0 (0.82%)// 4.32/ 0 (0.54%)
7.2/ 0 (0.9%)// 6.4/ 0 (0.8%)

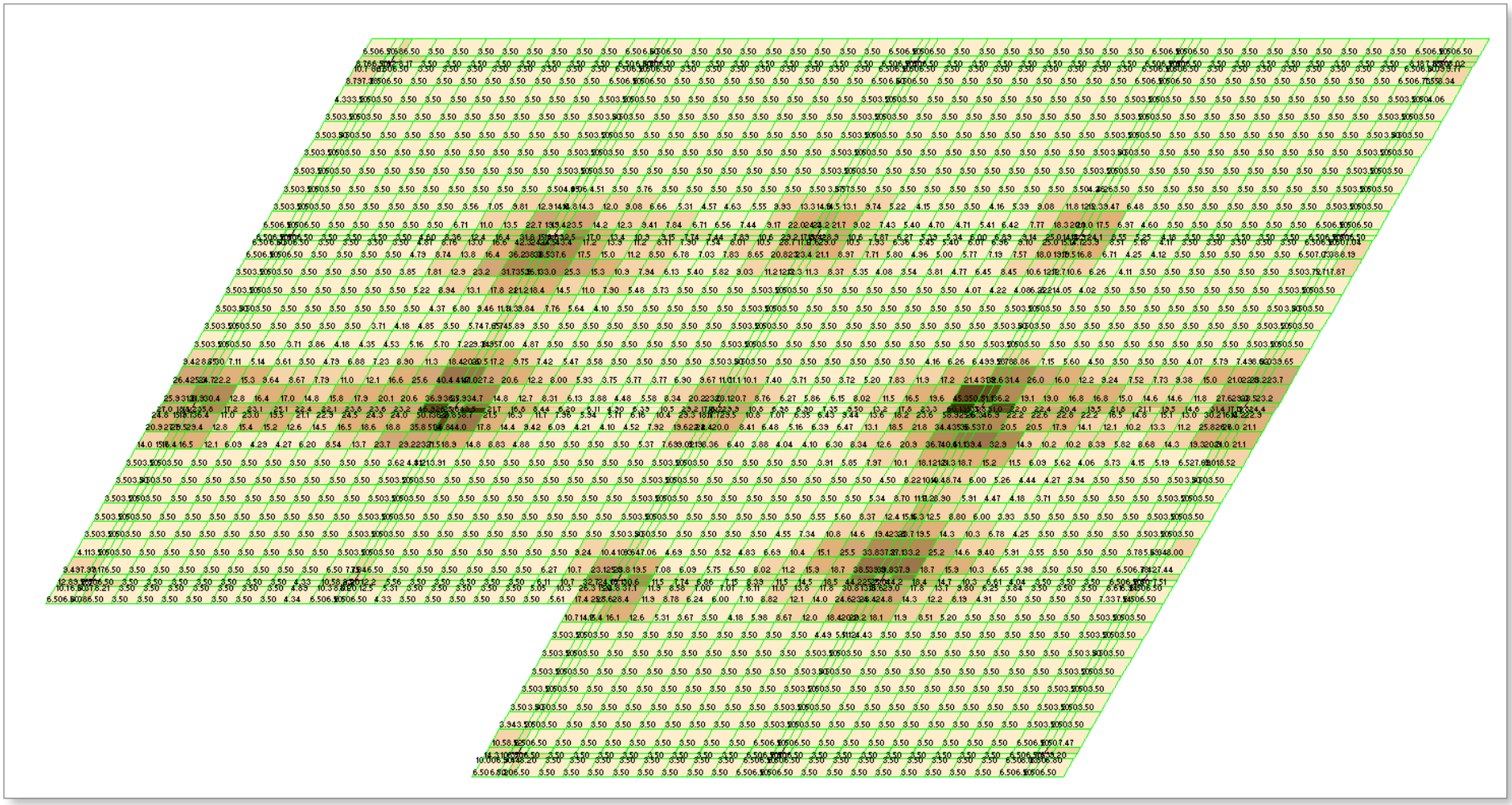
K-K, ъд^2



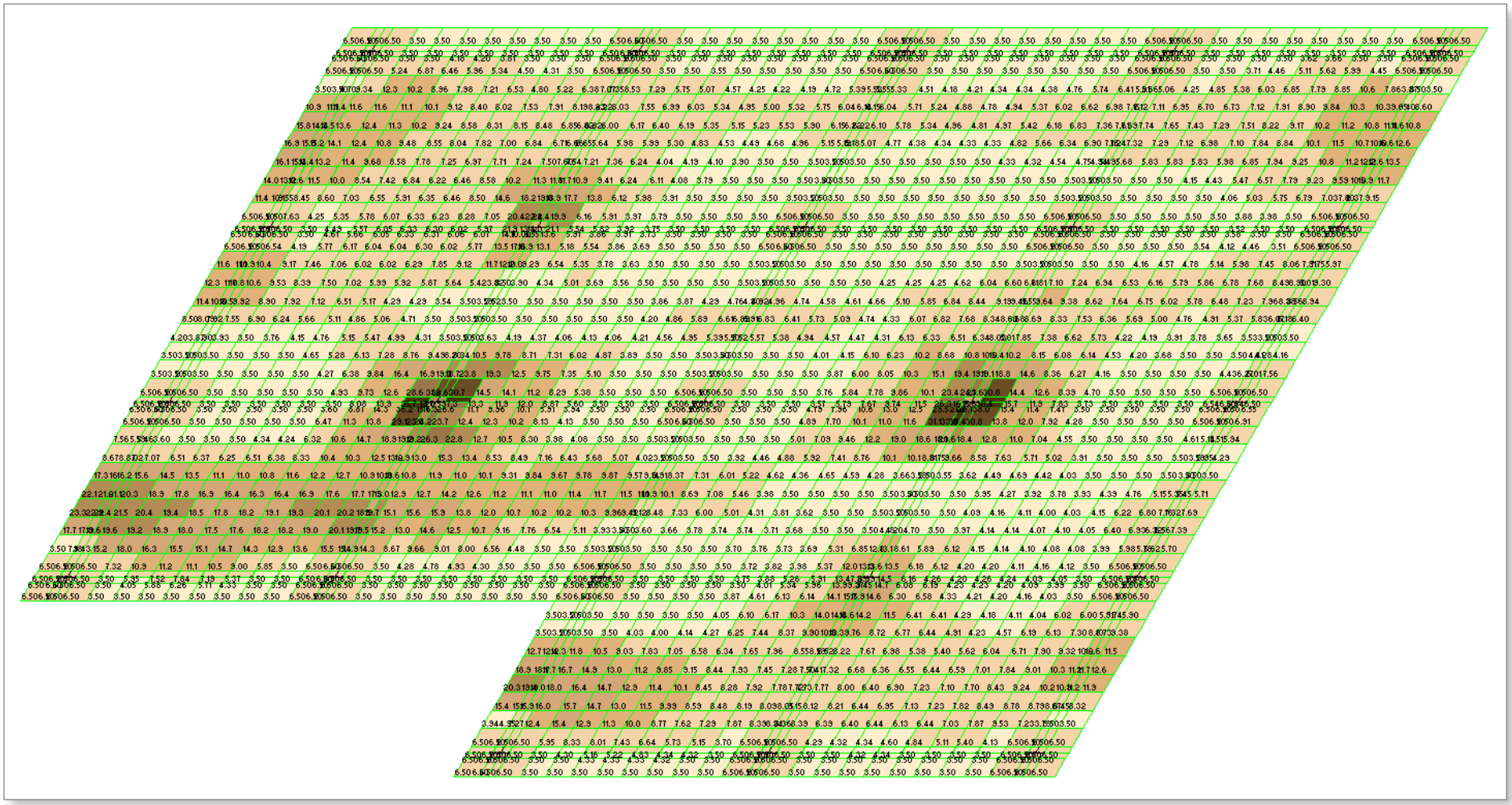
არმატურა საძირკველში – ქვედა, X მიმართულება, სმ²/მ



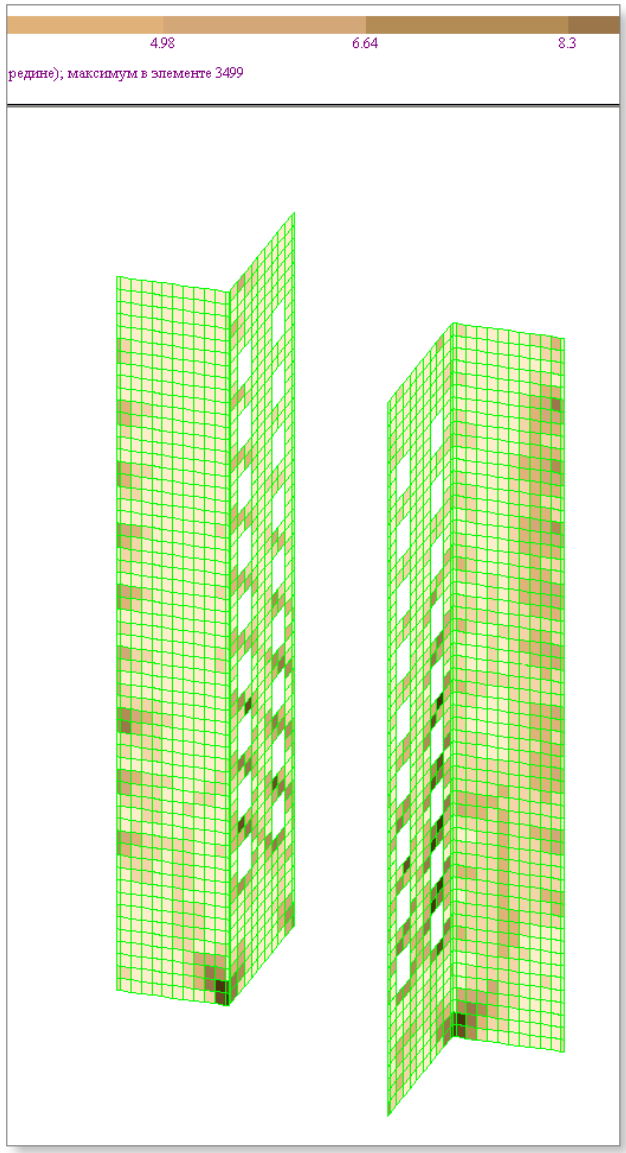
არმატურა საძირკველში – ზედა, X მიმართულება, სმ²/მ



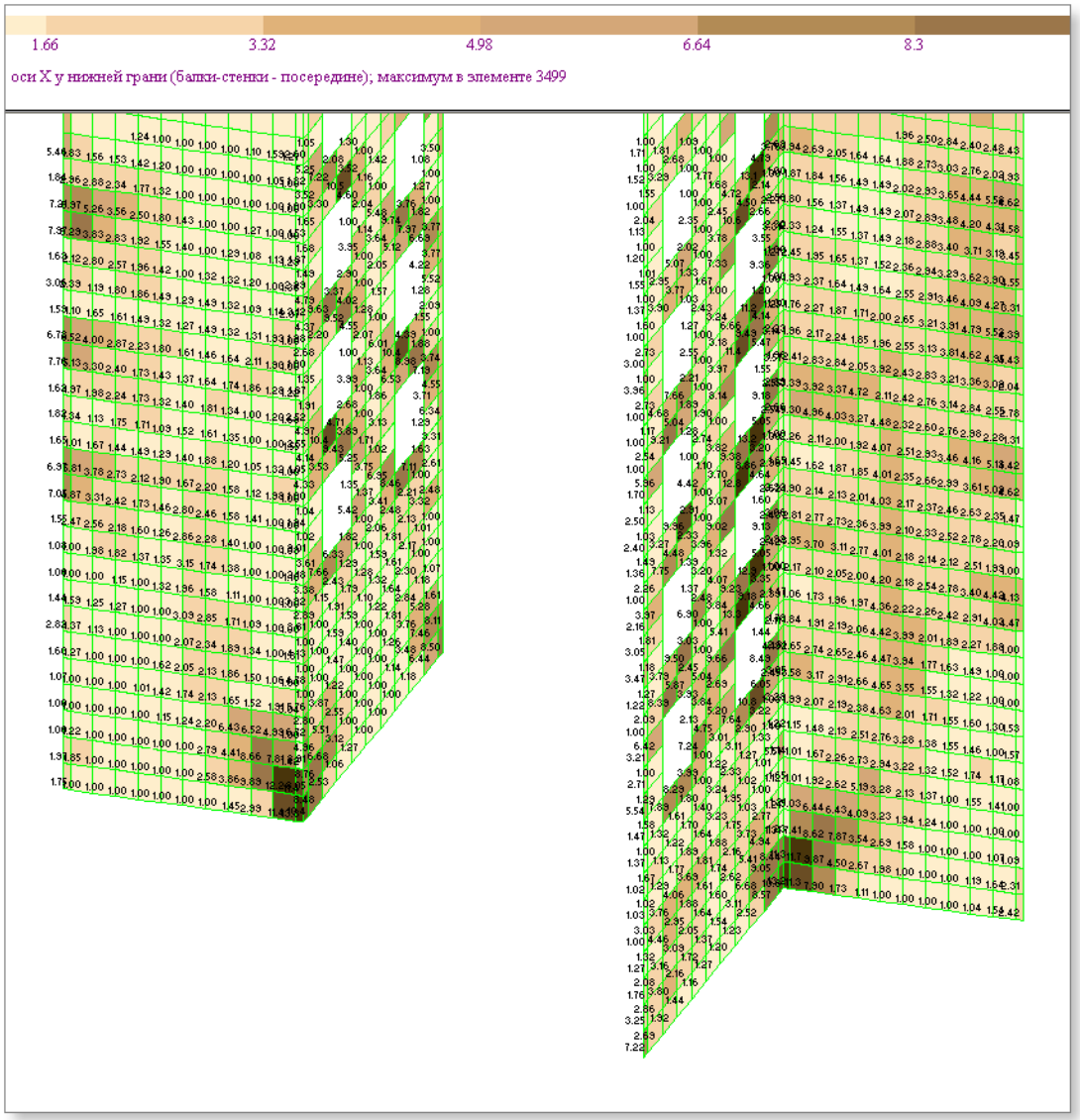
არმატურა საძირკველში (120 სმ) – ქვედა, Y მიმართულება, სმ²/მ



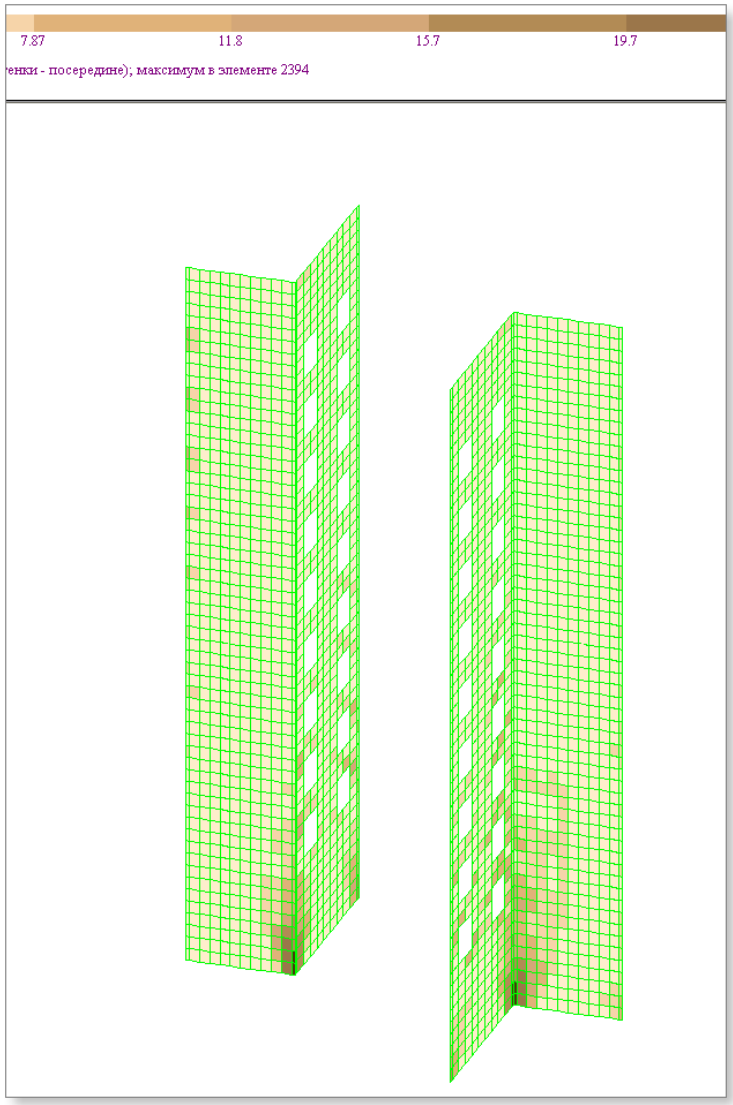
არმატურა საძირკველში (120 სმ) – ზედა, Y მიმართულება, სმ²/მ



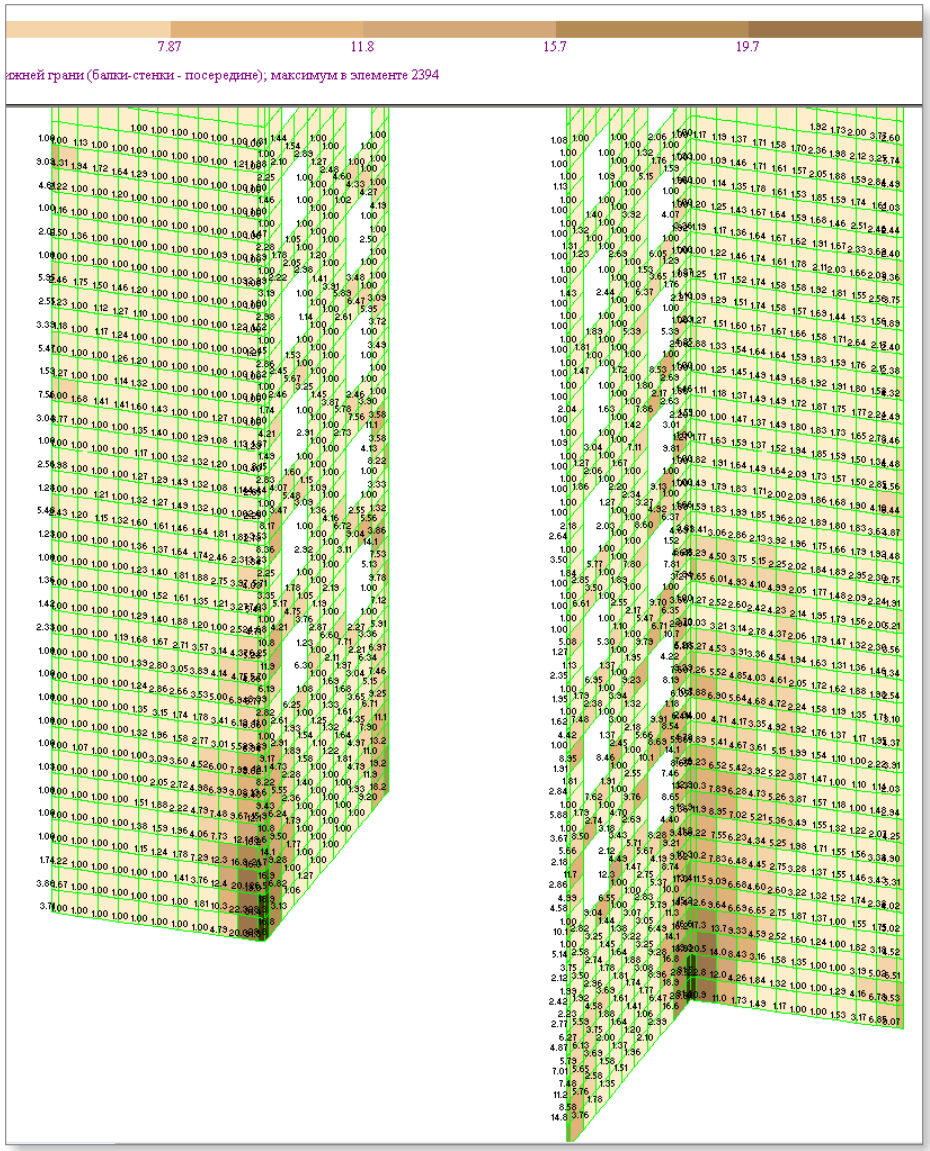
ჰორიზ. არმატურა დიაფრაგმაში



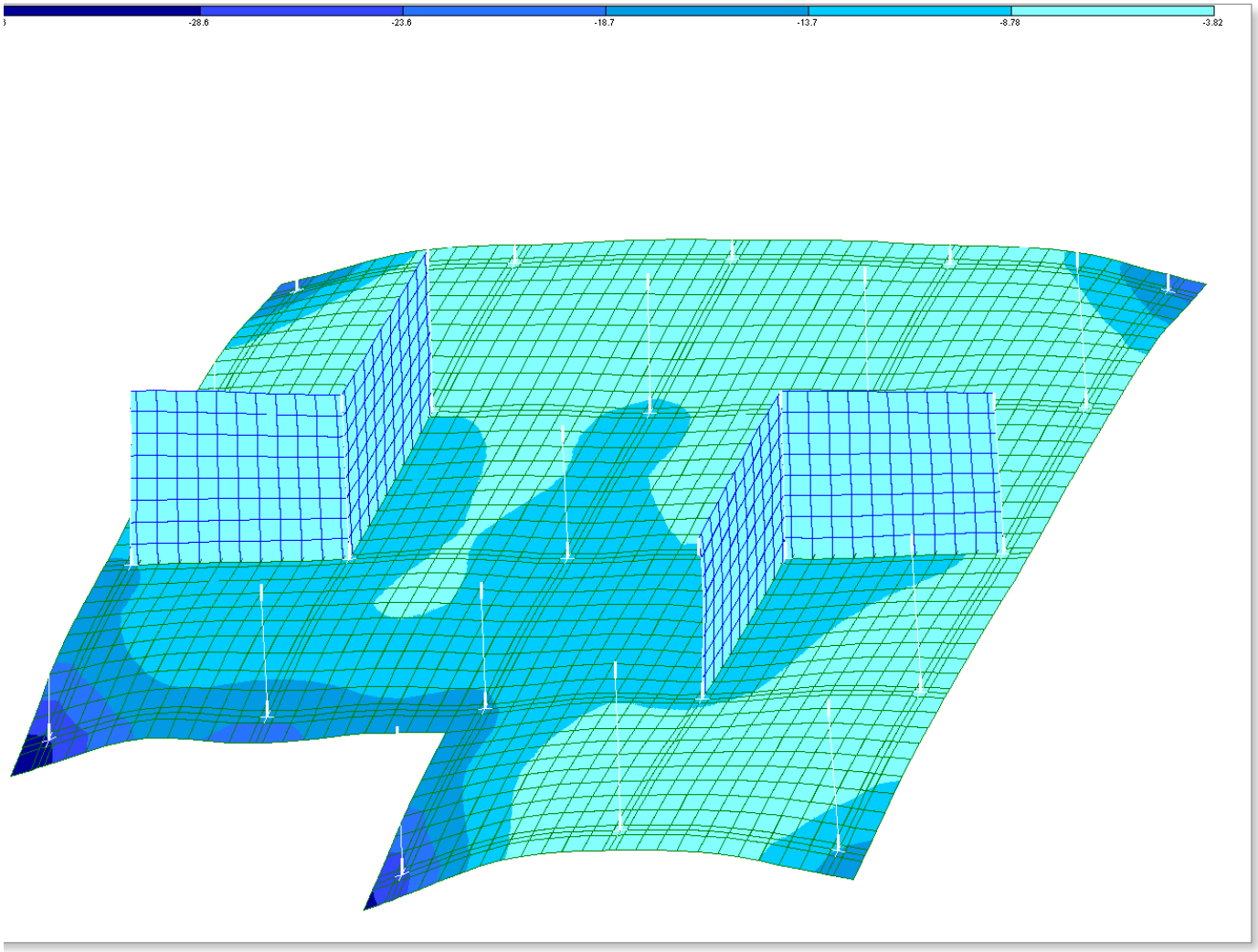
ჰორიზ. არმატურა დიაფრაგმაში-ფრაგმენტი



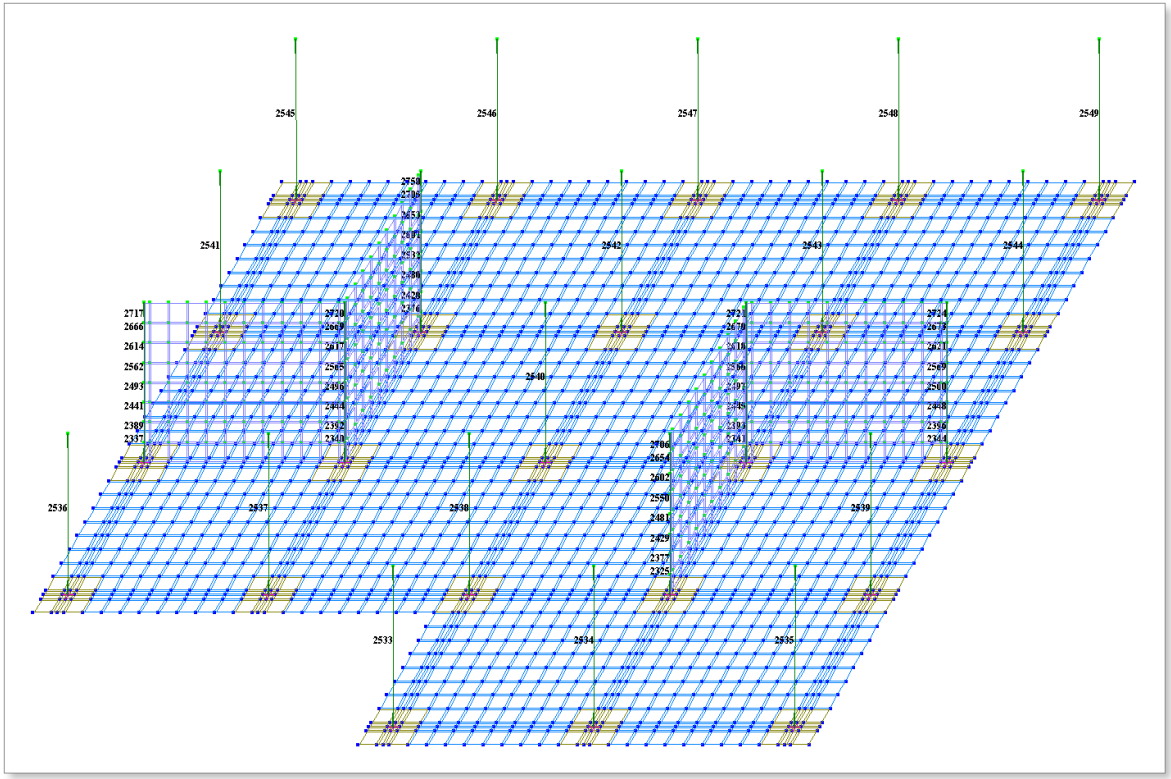
ვერტიკალური არმატურა დიაფრაგმაში



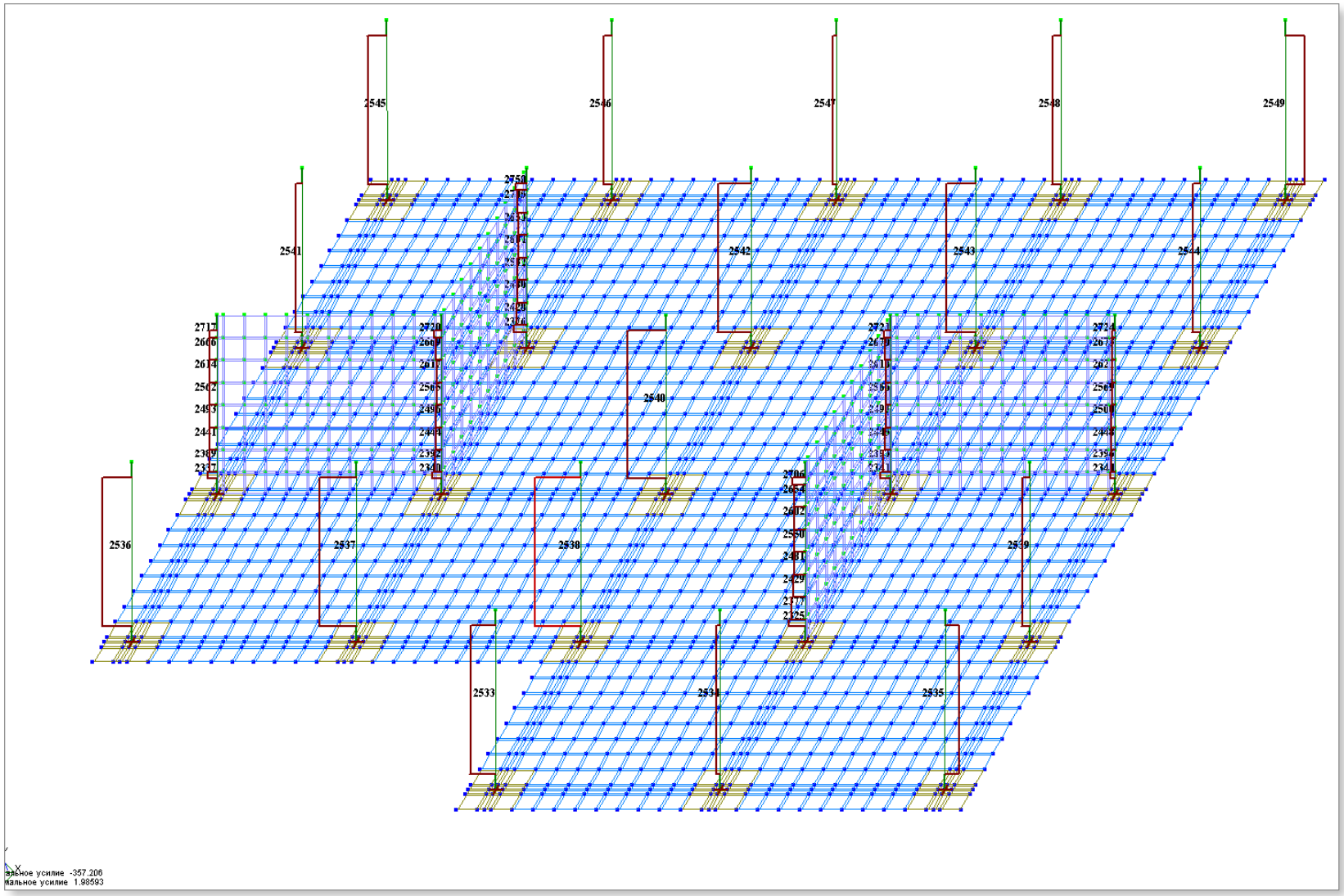
ვერტიკალური არმატურა დიაფრაგმაში - ფრაგმენტი



ნორმალური ძაბვები საძირკვლის ქვეშ. დატვირთვა №1, ტ/მ2



ქვედა სვეტების ელემენტების ნუმერაცია



ნორმალური ძალები ქვედა სვეტების ელემენტებში, ტ. დატვირთვა №1

ძალების საანგარიშო კომბინაციები ქვედა სვეტების ელემენტებში

Единицы измерения усилий: тс
Единицы измерения напряжений: тс/м**2
Единицы измерения моментов: тс*м
Единицы измерения распределенных моментов: (тс*м)/м
Единицы измерения распределенных перерезывающих сил: тс/м
Единицы измерения перемещений поверхностей в элементах: м

Tue Nov 13 14:02:52 2007 HOSP1 основная схема 1

РАСЧЕТНЫЕ СОЧЕТАНИЯ

ЭЛМ	НС	КРТ	СТ	КС	N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
2325	1	2	2	A	-170.73	-.01582	.75567	-.67181	-7.7431	-15.945	1 2 3
		1	3	C B	73.790	.13754	7.7318	-4.8046	6.0108	11.539	1 4
		2	3	C B	-332.66	-.16457	-6.4383	3.6816	-17.774	-35.777	1 2 3 4
		5	3	C B	58.696	.06968	-7.1004	4.0190	5.6453	10.202	1 7
		6	3	C B	-317.57	-.09671	8.3939	-5.1420	-17.409	-34.440	1 2 3 7
		9	3	C B	80.194	.14152	6.3100	-3.9467	6.1207	12.067	1 6
		10	3	C B	-339.06	-.16855	-5.0165	2.8236	-17.884	-36.304	1 2 3 6
		15	3	C B	-303.04	-.16367	-6.4790	3.7343	-16.445	-33.049	1 4
		16	3	C B	44.172	.13664	7.7726	-4.8573	4.6820	8.8116	1 2 3 4
2325	2	2	2	A	-170.53	-.01582	.44664	-.67181	-.40837	-15.945	1 2 3
		1	3	C B	80.377	.14152	4.4951	-3.9467	.57317	12.067	1 6
		2	3	C B	-338.88	-.16855	-3.7182	2.8236	-1.1875	-36.304	1 2 3 6
		3	3	C B	73.973	.13754	5.5233	-4.8046	-1.2684	11.539	1 4
		4	3	C B	-332.48	-.16457	-4.7464	3.6816	.65401	-35.777	1 2 3 4
		5	3	C B	58.879	.06968	-5.2532	4.0190	.95441	10.202	1 7
		6	3	C B	-317.38	-.09671	6.0301	-5.1420	-1.5688	-34.440	1 2 3 7
		15	3	C B	-302.86	-.16367	-4.7629	3.7343	.72778	-33.049	1 4
		16	3	C B	44.354	.13664	5.5398	-4.8573	-1.3421	8.8116	1 2 3 4
2337	1	2	2	A	-88.664	-.09009	-1.4687	3.9288	3.6457	2.4167	1 2 3
		8	1	A	-68.563	-.07478	-1.0611	2.9055	2.6873	1.7953	1
		1	3	C B	.45939	-.13289	1.7504	-2.9636	6.6951	4.2563	1 6
		2	3	C B	-137.59	-.01217	-3.9388	8.8924	-1.2034	-.60030	1 2 3 6
		3	3	C B	-.76204	.16026	1.6444	-2.2145	-12.148	-7.1726	1 7
		4	3	C B	-136.37	-.30533	-3.8328	8.1433	17.640	10.828	1 2 3 7
		15	3	C B	-137.34	-.22799	-3.9138	8.6720	13.045	8.1066	1 2 3 4
		16	3	C B	.20094	.08292	1.7254	-2.7432	-7.5537	-4.4506	1 4
		23	3	C B	-122.65	-.29487	-3.5544	7.4446	16.985	10.404	1 7
		24	3	C B	-14.488	.14980	1.3660	-1.5158	-11.493	-6.7483	1 2 3 7
2337	2	2	2	A	-88.461	-.09009	.33845	3.9288	2.5340	2.4167	1 2 3
		1	3	C B	.64155	-.13289	.39418	-2.9636	4.7375	4.2563	1 6
		2	3	C B	-137.41	-.01217	.14467	8.8924	-.92766	-.60030	1 2 3 6
		3	3	C B	-.57988	.16026	.63114	-2.2145	-8.8493	-7.1726	1 7
		4	3	C B	-136.19	-.30533	-.09229	8.1433	12.659	10.828	1 2 3 7
		15	3	C B	-137.15	-.22799	.03631	8.6720	9.3170	8.1066	1 2 3 4
		16	3	C B	.38310	.08292	.50254	-2.7432	-5.5071	-4.4506	1 4
2340	1	2	2	A	-91.306	.20742	2.5099	-5.3058	-5.8307	-12.084	1 2 3
		26	1	A	-73.321	.14710	2.1711	-4.5684	-4.5727	-9.4405	1
		1	3	C B	198.09	.45264	-12.614	24.216	10.573	19.767	1 7
		2	3	C B	-342.34	-.14666	16.753	-32.942	-19.663	-38.566	1 2 3 7
		25	3	C B	-.18453	.38184	-4.9858	9.3984	-7.6695	-15.486	1 2 3 6
		26	3	C B	-144.07	-.07586	9.1252	-18.125	-1.4205	-3.3118	1 6
2340	2	2	2	A	-91.104	.20742	.06928	-5.3058	-.27169	-12.084	1 2 3
		1	3	C B	198.27	.45264	-1.4748	24.216	1.4808	19.767	1 7
		2	3	C B	-342.16	-.14666	1.5999	-32.942	-1.9234	-38.566	1 2 3 7
2341	1	2	2	A	-96.378	.12611	-3.8745	7.6513	5.6078	11.750	1 2 3
		1	3	C B	197.08	.25223	11.994	-23.248	-10.825	-20.253	1 7
		2	3	C B	-347.95	-.07097	-18.158	35.425	19.584	38.554	1 2 3 7
		21	3	C B	-128.36	-.05396	-10.186	20.083	.80979	2.1741	1 6
		22	3	C B	-22.512	.23522	4.0212	-7.9065	7.9489	16.126	1 2 3 6
		23	3	C B	-8.6946	.20727	4.5159	-8.8816	7.1326	14.384	1 6
		24	3	C B	-142.18	-.02600	-10.680	21.058	1.6260	3.9165	1 2 3 6
2341	2	2	2	A	-96.175	.12611	-.35491	7.6513	.20259	11.750	1 2 3
		1	3	C B	197.26	.25223	1.3000	-23.248	-1.5088	-20.253	1 7
		2	3	C B	-347.77	-.07097	-1.8633	35.425	1.8493	38.554	1 2 3 7
2344	1	2	2	A	-45.511	-.00566	.81764	-2.3205	-1.9445	-1.2309	1 2 3
		4	1	A	-33.936	-.00544	.55294	-1.6345	-1.3140	-.83635	1
		1	3	C B	31.880	.24173	-2.3497	3.8473	9.4795	5.6069	1 7
		2	3	C B	-100.86	-.25168	3.5258	-7.2580	-12.275	-7.3818	1 2 3 7
		3	3	C B	26.840	.17820	-2.4224	4.3075	-12.152	-7.4240	1 2 3 4
		4	3	C B	-95.829	-.18815	3.5985	-7.7181	9.3568	5.6491	1 4

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РАСЧЕТНЫЕ СОЧЕТАНИЯ

ЭЛМ	НС	КРТ	СТ	КС	N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
		5	3	C B	34.744	.17835	-2.6032	4.7759	-11.722	-7.1545	1 4
		6	3	C B	-103.73	-.18830	3.7793	-8.1866	8.9262	5.3796	1 2 3 4
		15	3	C B	36.323	-.13631	-2.7242	5.2043	-10.831	-6.6493	1 6
		16	3	C B	-105.31	.12635	3.9002	-8.6149	8.0355	4.8743	1 2 3 6
2344	2	2	2	A	-45.308	-.00566	-.24980	-2.3205	-1.3783	-1.2309	1 2 3
		1	3	C B	32.062	.24173	-.58495	3.8473	6.9009	5.6069	1 7
		2	3	C B	-100.68	-.25168	.19210	-7.2580	-8.8803	-7.3818	1 2 3 7
		3	3	C B	34.926	.17835	-.45044	4.7759	-8.4318	-7.1545	1 4
		4	3	C B	-103.55	-.18830	.05760	-8.1866	6.4524	5.3796	1 2 3 4
		11	3	C B	-95.647	-.18815	.09232	-7.7181	6.7590	5.6491	1 4
		12	3	C B	27.022	.17820	-.48516	4.3075	-8.7384	-7.4240	1 2 3 4
		15	3	C B	36.505	-.13631	-.33740	5.2043	-7.7728	-6.6493	1 6
		16	3	C B	-105.12	.12635	-.05544	-8.6149	5.7934	4.8743	1 2 3 6
2376	1	2	2	A	-133.11	.08949	-.48172	.22816	5.6158	11.721	1 2 3

		1	3	C	B	55.531	.25628	4.6654	-2.6819	-4.9294	-9.1816	1	4			
		2	3	C	B	-256.19	-.12102	-5.4607	3.0665	13.352	26.800	1	2	3	4	
		3	3	C	B	111.14	.22200	4.0676	-2.2578	-8.5502	-15.972	1	7			
		4	3	C	B	-311.80	-.08674	-4.8629	2.6424	16.973	33.591	1	2	3	7	
		7	3	C	B	9.5308	-.06285	-4.7793	2.6525	-1.8471	-3.4765	1	6			
		8	3	C	B	-210.19	.19812	3.9840	-2.2679	10.270	21.095	1	2	3	6	
		15	3	C	B	-232.38	-.13681	-5.4168	3.0505	12.322	24.672	1	4			
		16	3	C	B	31.724	.27207	4.6215	-2.6659	-3.8994	-7.0539	1	2	3	4	
2376	2	2	2		A	-132.91	.08949	-.37676	.22816	.22373	11.721	1	2	3		
		1	3	C	B	111.33	.22200	3.0353	-2.2578	-1.2041	-15.972	1	7			
		2	3	C	B	-311.62	-.08674	-3.6537	2.6424	1.5229	33.591	1	2	3	7	
		7	3	C	B	9.7130	-.06285	-3.5610	2.6525	-.25976	-3.4765	1	6			
		8	3	C	B	-210.00	.19812	2.9426	-2.2679	.57849	21.095	1	2	3	6	
		13	3	C	B	-256.00	-.12102	-4.0550	3.0665	1.0442	26.800	1	2	3	4	
		14	3	C	B	55.714	.25628	3.4366	-2.6819	-.72556	-9.1816	1	4			
		15	3	C	B	-232.20	-.13681	-4.0184	3.0505	.99293	24.672	1	4			
		16	3	C	B	31.906	.27207	3.4000	-2.6659	-.67421	-7.0539	1	2	3	4	
2377	1	2	2		A	-141.05	-.07174	.44528	-.42151	-.40837	-.64407	1	2	3		
		1	3	C	B	59.828	-.33099	4.5224	-2.1818	.57317	.79343	1	6			
		2	3	C	B	-273.48	.20955	-3.7471	1.4838	-1.1875	-1.7705	1	2	3	6	
		3	3	C	B	54.921	-.51483	5.5608	-2.5899	-1.2684	.85136	1	4			
		4	3	C	B	-268.57	.39339	-4.7855	1.8919	.65401	-1.8284	1	2	3	4	
		5	3	C	B	43.344	.46293	-5.2989	2.0214	.95441	.93546	1	7			
		6	3	C	B	-257.00	-.58438	6.0742	-2.7194	-1.5688	-1.9125	1	2	3	7	
		15	3	C	B	-248.89	.21425	-3.7631	1.5209	-1.1138	-1.6591	1	6			
		16	3	C	B	35.233	-.33569	4.5384	-2.2189	.49940	.68202	1	2	3	6	
2377	2	2	2		A	-140.76	-.07174	.16708	-.42151	.01671	-.64407	1	2	3		
		1	3	C	B	55.182	-.51483	3.8551	-2.5899	-.18168	.85136	1	4			
		2	3	C	B	-268.31	.39339	-3.5404	1.8919	.21215	-1.8284	1	2	3	4	
		5	3	C	B	43.606	.46293	-3.9681	2.0214	.33915	.93546	1	7			
		6	3	C	B	-256.73	-.58438	4.2828	-2.7194	-.30868	-1.9125	1	2	3	7	
		15	3	C	B	-248.62	.21425	-2.7598	1.5209	-.04289	-1.6591	1	6			
		16	3	C	B	35.495	-.33569	3.0745	-2.2189	.07336	.68202	1	2	3	6	
		17	3	C	B	60.090	-.33099	3.0830	-2.1818	.07360	.79343	1	6			
		18	3	C	B	-273.22	.20955	-2.7683	1.4838	-.04313	-1.7705	1	2	3	6	
2389	1	2	2		A	-78.067	.14793	.33845	-.34548	2.5464	1.3539	1	2	3		
		1	3	C	B	-106.24	.76326	-.13530	-.06832	12.280	5.6628	1	7			
		2	3	C	B	-14.654	-.54827	.67415	-.48543	-8.4525	-3.6101	1	2	3	7	
		3	3	C	B	-2.6581	-.57964	.63114	-.44380	-8.9144	-3.8450	1	7			
		4	3	C	B	-118.23	.79462	-.09229	-.10995	12.742	5.8978	1	2	3	7	
		22	3	C	B	-117.35	-.14538	.14467	-.16119	-.93851	-.27892	1	2	3	6	
2389	2	2	2		A	-77.776	.14793	.11043	-.34548	1.6528	1.3539	1	2	3		
		1	3	C	B	-3.2769	.36036	.14046	-.39255	3.2280	2.3316	1	6			
		2	3	C	B	-117.09	-.14538	.03291	-.16119	-.75480	-.27892	1	2	3	6	
		3	3	C	B	-2.3968	-.57964	.33964	-.44380	-6.3770	-3.8450	1	7			
		4	3	C	B	-117.97	.79462	-.16626	-.10995	8.8503	5.8978	1	2	3	7	
		32	3	C	B	-14.392	-.54827	.35517	-.48543	-6.0702	-3.6101	1	2	3	7	

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.				
2392	1	2	2		A	-66.367	.18747	.04889	-.26968	-.23915	-.72879	1	2	3		
		10	1		A	-53.209	.13298	.05283	-.23863	-.20465	-.57433	1				
		1	3	C	B	139.41	.51434	-1.4226	1.7512	1.4286	1.4769	1	7			
		2	3	C	B	-244.17	-.23775	1.5150	-2.2020	-1.8205	-2.6162	1	2	3	7	
		9	3	C	B	130.43	.55155	-1.4253	1.7300	1.4050	1.3715	1	2	3	7	
		10	3	C	B	-235.19	-.27496	1.5177	-2.1808	-1.7969	-2.5107	1	7			
		12	3	C	B	-211.63	-.13645	1.3026	-1.9403	-1.5199	-2.2448	1	2	3	5	
		15	3	C	B	5.9936	-.05382	-.64508	.82440	-.47878	-.88220	1	6			
		16	3	C	B	-110.75	.33040	.73748	-1.2751	.08684	-.25706	1	2	3	6	
2392	2	2	2		A	-66.077	.18747	-.12909	-.26968	.24184	-.72879	1	2	3		
		10	1		A	-52.918	.13298	-.10467	-.23863	.17440	-.57433	1				
		1	3	C	B	139.67	.51434	-.26769	1.7512	.45382	1.4769	1	7			
		2	3	C	B	-243.91	-.23775	.06261	-2.2020	-.09384	-2.6162	1	2	3	7	
		9	3	C	B	130.69	.55155	-.28437	1.7300	.49988	1.3715	1	2	3	7	
		10	3	C	B	-234.93	-.27496	.07929	-2.1808	-.13990	-2.5107	1	7			
		12	3	C	B	-211.36	-.13645	.03024	-1.9403	-.03841	-2.2448	1	2	3	5	
		15	3	C	B	6.2549	-.05382	-.06604	.82440	.10325	-.88220	1	6			
		16	3	C	B	-110.49	.33040	-.13904	-1.2751	.25672	-.25706	1	2	3	6	
2393	1	2	2		A	-68.973	.10350	-.33122	.54706	.16889	.67030	1	2	3		
		11	1		A	-63.378	.08978	-.30717	.50706	.16341	.61888	1	2			
		15	1		A	-54.346	.06765	-.26836	.44250	.15454	.53585	1				
		1	3	C	B	138.92	.28625	1.2455	-1.6108	-1.4585	-1.5360	1	7			
		2	3	C	B	-246.73	-.13999	-1.7715	2.4787	1.7465	2.5923	1	2	3	7	
		9	3	C	B	-212.42	-.03177	-1.5464	2.2140	1.4514	2.2196	1	2	3	5	
		10	3	C	B	104.61	.17803	1.0204	-1.3461	-1.1634	-1.1633	1	5			
		11	3	C	B	-241.26	-.15341	-1.7480	2.4395	1.7411	2.5420	1	2	7		
		12	3	C	B	133.44	.29966	1.2220	-1.5716	-1.4531	-1.4857	1	3	7		
		15	3	C	B	-236.74	-.16447	-1.7286	2.4073	1.7367	2.5005	1	7			
		16	3	C	B	128.93	.31073	1.2026	-1.5394	-1.4487	-1.4442	1	2	3	7	
2393	2	2	2		A	-68.682	.10350	.02983	.54706	-.27350	.67030	1	2	3		
		11	1		A	-63.087	.08978	.02748	.50706	-.24504	.61888	1	2			
		15	1		A	-54.055	.06765	.02368	.44250	-.19911	.53585	1				
		1	3	C	B	139.18	.28625	.18466	-1.6108	-.44487	-1.5360	1	7			
		2	3	C	B	-246.47	-.13999	-.13783	2.4787	.03566	2.5923	1	2	3	7	
		9	3	C	B	-212.16	-.03177	-.11381	2.2140	-.01355	2.2196	1	2	3	5	
		10	3	C	B	104.87	.17803	.16064	-1.3461	-.39565	-1.1633	1	5			
		11	3	C	B	-240.99	-.15341	-.14012	2.4395	.06349	2.5420	1	2	7		
		12	3	C	B	133.71	.29966	.18696	-1.5716	-.47271	-1.4857	1	3	7		
		15	3	C	B	-236.48	-.16447	-.14202	2.4073	.08646	2.5005	1	7			
		16	3	C	B	129.19	.31073	.18886	-1.5394	-.49567	-1.4442	1	2	3	7	
2396	1	2	2		A	-39.113	.11815	-.24980	.19725	-1.3870	-.66594	1	2	3		
		1	3	C	B	26.168	-.35637	-.58495	.37148	6.9493	3.0440	1	7			

		2	3	C	B	-85.514	.52520	.19210	-.05666	-8.9412	-4.0049	1	2	3	7	
		3	3	C	B	26.817	.59190	-.45044	.35310	-8.4890	-3.8727	1	4			
		4	3	C	B	-86.164	-.42307	.05760	-.03827	6.4972	2.9119	1	2	3	4	
		11	3	C	B	-79.404	-.44987	.09232	-.06285	6.8058	3.0572	1	4			
		12	3	C	B	20.058	.61870	-.48516	.37768	-8.7977	-4.0181	1	2	3	4	
		17	3	C	B	27.278	.54876	-.33740	.34084	-7.8250	-3.6001	1	6			
		18	3	C	B	-86.624	-.37993	-.05544	-.02602	5.8332	2.6392	1	2	3	6	
		31	3	C	B	19.409	-.32957	-.61967	.39607	6.6407	2.8987	1	2	3	7	
		32	3	C	B	-78.755	.49840	.22682	-.08124	-8.6325	-3.8595	1	7			
2396	2	2	2		A	-38.823	.11815	-.11962	.19725	-.94755	-.66594	1	2	3		
		1	3	C	B	26.429	-.35637	-.34150	.37148	4.9409	3.0440	1	7			
		2	3	C	B	-85.253	.52520	.15644	-.05666	-6.2985	-4.0049	1	2	3	7	
		3	3	C	B	27.079	.59190	-.24000	.35310	-5.9338	-3.8727	1	4			
		4	3	C	B	-85.902	-.42307	.05494	-.03827	4.5761	2.9119	1	2	3	4	
		11	3	C	B	-79.143	-.44987	.07344	-.06285	4.7889	3.0572	1	4			
		12	3	C	B	20.319	.61870	-.25850	.37768	-6.1465	-4.0181	1	2	3	4	
		17	3	C	B	27.540	.54876	-.03783	.34084	-5.4490	-3.6001	1	6			
		18	3	C	B	-86.363	-.37993	-.14722	-.02602	4.0914	2.6392	1	2	3	6	
		31	3	C	B	19.670	-.32957	-.35999	.39607	4.7282	2.8987	1	2	3	7	
		32	3	C	B	-78.494	.49840	.17494	-.08124	-6.0858	-3.8595	1	7			

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.				
2428	1	2	2		A	-110.70	.05564	-.37848	.12310	.22373	.39625	1	2	3		
		1	3	C	B	85.731	.42598	3.0660	-1.0572	-1.2041	-1.2598	1	7			
		2	3	C	B	-252.52	-.34677	-3.6874	1.2625	1.5229	1.8415	1	2	3	7	
		5	3	C	B	4.4554	-.33007	-3.5923	1.2867	-.25976	-.33244	1	6			
		6	3	C	B	-171.25	.40928	2.9709	-1.0815	.57849	.91409	1	2	3	6	
		13	3	C	B	21.391	.52664	3.4331	-1.2669	-.67421	-.69050	1	2	3	4	
		14	3	C	B	-188.18	-.44743	-4.0545	1.4721	.99293	1.2721	1	4			
		31	3	C	B	-208.03	-.43463	-4.0911	1.4821	1.0442	1.3526	1	2	3	4	
		32	3	C	B	41.241	.51384	3.4697	-1.2769	-.72556	-.77095	1	4			
2428	2	2	2		A	-110.41	.05564	-.29723	.12310	-.03779	.39625	1	2	3		
		1	3	C	B	85.993	.42598	2.3780	-1.0572	-.37393	-1.2598	1	7			
		2	3	C	B	-252.26	-.34677	-2.8640	1.2625	.30877	1.8415	1	2	3	7	
		9	3	C	B	-170.99	.40928	2.2593	-1.0815	.03033	.91409	1	2	3	6	
		10	3	C	B	4.7167	-.33007	-2.7452	1.2867	-.09549	-.33244	1	6			
		13	3	C	B	21.652	.52664	2.6041	-1.2669	-.24175	-.69050	1	2	3	4	
		14	3	C	B	-187.92	-.44743	-3.0900	1.4721	.17659	1.2721	1	4			
		31	3	C	B	-207.77	-.43463	-3.1200	1.4821	.17484	1.3526	1	2	3	4	
		32	3	C	B	41.502	.51384	2.6341	-1.2769	-.24000	-.77095	1	4			
2429	1	2	2		A	-125.10	-.10103	.15364	-.37309	.01671	.16142	1	2	3		
		10	1		A	-92.922	-.09136	.16777	-.32468	.01706	.12236	1				
		1	3	C	B	41.973	-.77028	3.7684	-2.3062	-.18168	-.10554	1	4			
		2	3	C	B	-231.20	.59922	-3.4760	1.6887	.21215	.35247	1	2	3	4	
		5	3	C	B	32.527	.70037	-3.8994	1.7908	.33915	-.05959	1	7			
		6	3	C	B	-221.76	-.87143	4.1917	-2.4083	-.30868	.30652	1	2	3	7	
		15	3	C	B	-199.78	-.86482	4.2014	-2.3753	-.30843	.27985	1	7			
		16	3	C	B	10.552	.69376	-3.9090	1.7578	.33891	-.03292	1	2	3	7	
		17	3	C	B	45.982	-.52742	3.0093	-1.9685	.07360	-.12514	1	6			
		18	3	C	B	-235.21	.35637	-2.7170	1.3510	-.04313	.37208	1	2	3	6	
2429	2	2	2		A	-124.81	-.10103	-.09259	-.37309	-.08983	.16142	1	2	3		
		10	1		A	-92.631	-.09136	-.04651	-.32468	-.06370	.12236	1				
		1	3	C	B	46.243	-.52742	1.7113	-1.9685	.13410	-.12514	1	6			
		2	3	C	B	-234.95	.35637	-1.8265	1.3510	-.26660	.37208	1	2	3	6	
		3	3	C	B	42.234	-.77028	2.2535	-2.3062	-.35763	-.10554	1	4			
		4	3	C	B	-230.94	.59922	-2.3687	1.6887	.22513	.35247	1	2	3	4	
		5	3	C	B	32.788	.70037	-2.7224	1.7908	.37654	-.05959	1	7			
		6	3	C	B	-221.50	-.87143	2.6072	-2.4083	-.50905	.30652	1	2	3	7	
		15	3	C	B	-199.52	-.86482	2.6387	-2.3753	-.49120	.27985	1	7			
		16	3	C	B	10.813	.69376	-2.7539	1.7578	.35870	-.03292	1	2	3	7	
2441	1	2	2		A	-73.802	.27436	.11043	-.13430	1.6079	1.1971	1	2	3		
		1	3	C	B	-7.5011	.57872	.14046	-.00694	3.1501	2.0740	1	6			
		2	3	C	B	-106.91	-.17242	.03291	-.20114	-.74485	-.25984	1	2	3	6	
		3	3	C	B	-4.7469	-.92113	.33964	-.04142	-6.2457	-3.5005	1	7			
		4	3	C	B	-109.66	1.3274	-.16626	-.16666	8.6509	5.3147	1	2	3	7	
		11	3	C	B	-108.57	1.0574	-.11951	-.04901	7.0964	4.3872	1	2	3	5	
		12	3	C	B	-5.8412	-.65115	.29288	-.15907	-4.6911	-2.5730	1	5			
2441	2	2	2		A	-73.511	.27436	.02179	-.13430	.81790	1.1971	1	2	3		
		1	3	C	B	-7.2398	.57872	.12907	-.00694	1.7816	2.0740	1	6			
		2	3	C	B	-106.64	-.17242	-.09303	-.20114	-.57375	-.25984	1	2	3	6	
		3	3	C	B	-4.4855	-.92113	.31045	-.04142	-3.9357	-3.5005	1	7			
		4	3	C	B	-109.40	1.3274	-.27442	-.16666	5.1436	5.3147	1	2	3	7	
		11	3	C	B	-108.30	1.0574	-.22752	-.04901	4.2008	4.3872	1	2	3	5	
		12	3	C	B	-5.5798	-.65115	.26356	-.15907	-2.9929	-2.5730	1	5			
2444	1	2	2		A	-54.699	.15895	-.13348	.01615	.25162	.14000	1	2	3		
		31	1		A	-43.711	.11121	-.10849	.01906	.18223	.10475	1				
		1	3	C	B	108.05	.60735	-.23828	-.12582	.42664	-.07207	1	7			
		2	3	C	B	-194.24	-.37457	.02593	.15814	-.05123	.28470	1	2	3	7	
		9	3	C	B	100.55	.63996	-.25534	-.12780	.47402	-.04800	1	2	3	7	
		10	3	C	B	-186.74	-.40717	.04300	.16013	-.09861	.26063	1	7			
		31	3	C	B	-80.141	.30699	-.12687	.17125	.21114	.00050	1	6			
		32	3	C	B	-6.0425	-.07420	-.08547	-.13893	.16426	.21212	1	2	3	6	
		33	3	C	B	-132.12	.50865	-.01131	.16767	.00417	.21973	1	4			
		34	3	C	B	45.940	-.27587	-.20103	-.13535	.37123	-.00711	1	2	3	4	

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.
2444	2	2	2		A	-54.409	.15895	-.12282	.01615	.15922	.14000	1 2 3
		31	1		A	-43.421	.11121	-.09591	.01906	.11310	.10475	1
		1	3	C	B	108.32	.60735	-.31971	-.12582	.47376	-.07207	1 7
		2	3	C	B	-193.98	-.37457	.12870	.15814	-.23868	.28470	1 2 3 7
		9	3	C	B	100.81	.63996	-.33809	-.12780	.50526	-.04800	1 2 3 7
		10	3	C	B	-186.47	-.40717	.14707	.16013	-.27018	.26063	1 7
		31	3	C	B	-79.880	.30699	.00411	.17125	.18267	.00050	1 6
		32	3	C	B	-5.7811	-.07420	-.19513	-.13893	.05240	.21212	1 2 3 6
		33	3	C	B	-131.86	.50865	.06901	.16767	-.12845	.21973	1 4
		34	3	C	B	46.201	-.27587	-.26003	-.13535	.36353	-.00711	1 2 3 4
2445	1	2	2		A	-55.560	.09473	.03921	-.01036	-.28277	-.12761	1 2 3
		32	1		A	-43.568	.05936	.03121	-.01205	-.20668	-.09524	1
		1	3	C	B	108.02	.35603	.15771	.13968	-.41771	.07932	1 7
		2	3	C	B	-194.63	-.22502	-.09606	-.16022	-.00627	-.27286	1 2 3 7
		9	3	C	B	-16.420	.51032	.12593	-.21713	-.28847	.08261	1 2 3 6
		10	3	C	B	-70.191	-.37931	-.06427	.19659	-.13551	-.27616	1 6
		11	3	C	B	-129.62	-.41072	-.07926	-.20047	-.04267	.09706	1 4
		12	3	C	B	43.014	.54173	.14092	.17993	-.38131	-.29061	1 2 3 4
		27	3	C	B	-8.2307	.48617	.12047	-.21829	-.23652	.10472	1 6
		28	3	C	B	-78.381	-.35516	-.05881	.19775	-.18747	-.29827	1 2 3 6
2445	2	2	2		A	-55.270	.09473	.03237	-.01036	-.19854	-.12761	1 2 3
		32	1		A	-43.277	.05936	.02326	-.01205	-.14382	-.09524	1
		1	3	C	B	108.28	.35603	.24597	.13968	-.46876	.07932	1 7
		2	3	C	B	-194.37	-.22502	-.19788	-.16022	.17251	-.27286	1 2 3 7
		9	3	C	B	-16.158	.51032	-.03177	-.21713	-.33274	.08261	1 2 3 6
		10	3	C	B	-69.930	-.37931	.07986	.19659	.03649	-.27616	1 6
		11	3	C	B	-129.36	-.41072	-.11992	-.20047	.11251	.09706	1 4
		12	3	C	B	43.275	.54173	.16801	.17993	-.40876	-.29061	1 2 3 4
		27	3	C	B	-7.9693	.48617	-.03800	-.21829	-.29537	.10472	1 6
		28	3	C	B	-78.119	-.35516	.08609	.19775	-.00087	-.29827	1 2 3 6
2448	1	2	2		A	-35.936	.18576	-.11962	.08676	-.92547	-.58235	1 2 3
		1	3	C	B	22.636	-.60827	-.34150	.00010	4.8366	2.7931	1 7
		2	3	C	B	-77.184	.87503	.15644	.13175	-6.1624	-3.6317	1 2 3 7
		3	3	C	B	21.423	.94533	-.24000	-.03318	-5.8031	-3.4786	1 4
		4	3	C	B	-75.971	-.67857	.05494	.16504	4.4772	2.6400	1 2 3 4
		9	3	C	B	15.920	-.49315	-.31194	.15063	4.1635	2.4058	1 2 3 5
		10	3	C	B	-70.468	.75991	.12688	-.01877	-5.4893	-3.2444	1 5
		11	3	C	B	-69.774	-.71991	.07344	.15017	4.6851	2.7681	1 4
		12	3	C	B	15.226	.98667	-.25850	-.01831	-6.0109	-3.6067	1 2 3 4
		19	3	C	B	20.900	.88270	-.03783	-.04628	-5.3278	-3.2199	1 6
		20	3	C	B	-75.448	-.61594	-.14722	.17814	4.0020	2.3813	1 2 3 6
2448	2	2	2		A	-35.646	.18576	-.06235	.08676	-.54112	-.58235	1 2 3
		1	3	C	B	22.897	-.60827	-.33935	.00010	2.9936	2.7931	1 7
		2	3	C	B	-76.923	.87503	.24132	.13175	-3.7660	-3.6317	1 2 3 7
		3	3	C	B	21.684	.94533	-.23549	-.03318	-3.5079	-3.4786	1 4
		4	3	C	B	-75.709	-.67857	.13746	.16504	2.7355	2.6400	1 2 3 4
		9	3	C	B	16.182	-.49315	-.29844	.15063	2.5760	2.4058	1 2 3 5
		10	3	C	B	-70.207	.75991	.20041	-.01877	-3.3484	-3.2444	1 5
		11	3	C	B	-69.513	-.71991	.14615	.15017	2.8588	2.7681	1 4
		12	3	C	B	15.487	.98667	-.24418	-.01831	-3.6312	-3.6067	1 2 3 4
		19	3	C	B	21.162	.88270	-.14295	-.04628	-3.2028	-3.2199	1 6
		20	3	C	B	-75.187	-.61594	.04492	.17814	2.4304	2.3813	1 2 3 6
2480	1	2	2		A	-98.930	.03200	-.29298	.10518	-.03779	-.12628	1 2 3
		10	1		A	-72.832	.01625	-.24958	.09152	-.03522	-.09520	1
		1	3	C	B	69.109	.57748	2.3429	-.90222	-.37393	.10967	1 7
		2	3	C	B	-218.02	-.53747	-2.8218	1.0763	.30877	-.30227	1 2 3 7
		5	3	C	B	.30558	-.52600	-2.7020	1.0914	-.09549	.03205	1 6
		6	3	C	B	-149.22	.56601	2.2231	-.91735	.03033	-.22465	1 2 3 6
		9	3	C	B	13.604	.71056	2.5623	-1.0658	-.24175	.04521	1 2 3 4
		10	3	C	B	-162.52	-.67055	-3.0411	1.2399	.17659	-.23781	1 4
		31	3	C	B	-180.34	-.65979	-3.0708	1.2492	.17484	-.25903	1 2 3 4
		32	3	C	B	31.426	.69980	2.5919	-1.0752	-.24000	.06644	1 4

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.
2480	2	2	2		A	-98.639	.03200	-.22356	.10518	.04555	-.12628	1 2 3
		10	1		A	-72.541	.01625	-.18918	.09152	.02760	-.09520	1
		1	3	C	B	69.370	.57748	1.7570	-.90222	-.44527	.10967	1 7
		2	3	C	B	-217.76	-.53747	-2.1210	1.0763	.50722	-.30227	1 2 3 7
		9	3	C	B	13.865	.71056	1.8661	-1.0658	-.25188	.04521	1 2 3 4
		10	3	C	B	-162.26	-.67055	-2.2301	1.2399	.31383	-.23781	1 4
		31	3	C	B	-180.08	-.65979	-2.2536	1.2492	.32609	-.25903	1 2 3 4
		32	3	C	B	31.687	.69980	1.8896	-1.0752	-.26414	.06644	1 4
2481	1	2	2		A	-117.27	-.10410	-.10426	-.35901	-.08983	-.02237	1 2 3
		15	1		A	-86.868	-.09530	-.05666	-.31156	-.06370	-.01656	1
		1	3	C	B	36.598	-.61808	1.6489	-1.8830	.13410	.02094	1 6
		2	3	C	B	-213.72	.44052	-1.7834	1.2898	-.26660	-.05472	1 2 3 6
		3	3	C	B	33.123	-.89288	2.1811	-2.1907	-.35763	.02040	1 4
		4	3	C	B	-210.25	.71532	-2.3156	1.5974	.22513	-.05418	1 2 3 4
		5	3	C	B	24.958	.83293	-2.6659	1.6943	.37654	.01869	1 7
		6	3	C	B	-202.08	-1.0104	2.5314	-2.2875	-.50905	-.05247	1 2 3 7
		15	3	C	B	-181.32	-1.0044	2.5639	-2.2551	-.49120	-.04850	1 7
		16	3	C	B	4.1928	.82693	-2.6984	1.6619	.35870	.01471	1 2 3 7
2481	2	2	2		A	-116.98	-.10410	-.34121	-.35901	-.07506	-.02237	1 2 3
		15	1		A	-86.577	-.09530	-.26229	-.31156	-.05277	-.01656	1
		1	3	C	B	36.859	-.61808	.41257	-1.8830	.12096	.02094	1 6
		2	3	C	B	-213.46	.44052	-.93860	1.2898	-.23117	-.05472	1 2 3 6
		3	3	C	B	33.384	-.89288	.76082	-2.1907	-.32708	.02040	1 4
		4	3	C	B	-209.99	.71532	-1.2868	1.5974	.21687	-.05418	1 2 3 4
		5	3	C	B	28.922	.59518	-1.3182	1.3860	.29860	.01923	1 5
		6	3	C	B	-205.52	-.77274	.79225	-1.9792	-.40881	-.05302	1 2 3 5

		7	3	C	B	25.219	.83293	-1.5602	1.6943	.36437	.01869	1	7			
		8	3	C	B	-201.82	-1.0104	1.0342	-2.2875	-.47458	-.05247	1	2	3	7	
		15	3	C	B	-181.06	-1.0044	1.0881	-2.2551	-.45936	-.04850	1	7			
		16	3	C	B	4.4542	.82693	-1.6141	1.6619	.34915	.01471	1	2	3	7	
2493	1	2	2		A	-71.726	.32131	.02179	-.02592	.78054	1.1302	1	2	3		
		1	3	C	B	-10.783	.66671	.12907	-.02161	1.7165	1.9678	1	6			
		2	3	C	B	-100.48	-.19004	-.09303	-.01954	-.56524	-.25524	1	2	3	6	
		3	3	C	B	-6.3808	-1.0524	.31045	-.01295	-3.8242	-3.3795	1	7			
		4	3	C	B	-104.88	1.5290	-.27442	-.02820	4.9755	5.0921	1	2	3	7	
		11	3	C	B	-9.1438	-.73799	.21171	-.01448	-2.4211	-2.0706	1	4			
		12	3	C	B	-102.12	1.2146	-.17567	-.02667	3.5724	3.7832	1	2	3	4	
		34	3	C	B	-21.689	.72888	.13102	-.02497	1.8716	2.1645	1	2	3	6	
2493	2	2	2		A	-71.435	.32131	.00468	-.02592	.03457	1.1302	1	2	3		
		2	3	C	B	-100.22	-.19004	-.10656	-.01954	-.39805	-.25524	1	2	3	6	
		3	3	C	B	-6.1194	-1.0524	.30168	-.01295	-1.5948	-3.3795	1	7			
		4	3	C	B	-104.62	1.5290	-.29281	-.02820	1.6158	5.0921	1	2	3	7	
		11	3	C	B	-8.8824	-.73799	.20072	-.01448	-1.0567	-2.0706	1	4			
		12	3	C	B	-101.85	1.2146	-.19185	-.02667	1.0777	3.7832	1	2	3	4	
		34	3	C	B	-21.428	.72888	.11516	-.02497	.44426	2.1645	1	2	3	6	
2496	1	2	2		A	-49.853	.15264	-.12106	.01872	.15509	.00517	1	2	3		
		27	1		A	-39.679	.10497	-.09435	.01581	.10992	.00473	1				
		1	3	C	B	91.120	.68636	-.32590	.02886	.47760	-.00942	1	7			
		2	3	C	B	-169.49	-.46485	.13783	.00159	-.24889	.01824	1	2	3	7	
		9	3	C	B	84.173	.71891	-.34414	.03084	.50845	-.00912	1	2	3	7	
		10	3	C	B	-162.54	-.49740	.15607	-.00039	-.27974	.01794	1	7			
		27	3	C	B	43.776	-.39381	-.24567	.00007	.33319	.02614	1	4			
		28	3	C	B	-122.14	.61532	.05760	.03038	-.10448	-.01732	1	2	3	4	
		29	3	C	B	-147.15	-.29570	.09969	.00211	-.17841	.02228	1	2	3	5	
		30	3	C	B	68.785	.51721	-.28777	.02833	.40712	-.01346	1	5			
2496	2	2	2		A	-49.562	.15264	-.10870	.01872	.15168	.00517	1	2	3		
		27	1		A	-39.389	.10497	-.08391	.01581	.10679	.00473	1				
		1	3	C	B	91.381	.68636	-.30714	.02886	.48328	-.00942	1	7			
		2	3	C	B	-169.22	-.46485	.13917	.00159	-.26039	.01824	1	2	3	7	
		9	3	C	B	84.434	.71891	-.32407	.03084	.51393	-.00912	1	2	3	7	
		10	3	C	B	-162.28	-.49740	.15610	-.00039	-.29104	.01794	1	7			
		27	3	C	B	44.037	-.39381	-.23451	.00007	.33818	.02614	1	4			

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.				
		28	3	C	B	-121.88	.61532	.06654	.03038	-.11529	-.01732	1	2	3	4	
		29	3	C	B	-146.89	-.29570	.10445	.00211	-.18905	.02228	1	2	3	5	
		30	3	C	B	69.046	.51721	-.27242	.02833	.41193	-.01346	1	5			
2497	1	2	2		A	-49.601	.10464	.03045	-.01012	-.19481	.00032	1	2	3		
		1	3	C	B	91.430	.41434	.25176	-.02380	-.47342	.01309	1	7			
		2	3	C	B	-168.51	-.27012	-.20679	.00763	.18292	-.01318	1	2	3	7	
		9	3	C	B	-119.60	.66165	-.12041	-.03007	.08284	.03411	1	2	3	4	
		10	3	C	B	42.525	-.51743	.16539	.01389	-.37335	-.03420	1	4			
		27	3	C	B	-9.0465	.61608	-.04322	-.03101	-.29501	.04055	1	6			
		28	3	C	B	-68.034	-.47187	.08819	.01484	.00450	-.04064	1	2	3	6	
		33	3	C	B	-137.84	-.26441	-.17179	.01164	.16904	-.02650	1	5			
		34	3	C	B	60.763	.40862	.21676	-.02782	-.45955	.02641	1	2	3	5	
2497	2	2	2		A	-49.311	.10464	.02378	-.01012	-.19502	.00032	1	2	3		
		1	3	C	B	91.691	.41434	.23642	-.02380	-.48112	.01309	1	7			
		2	3	C	B	-168.25	-.27012	-.20213	.00763	.19067	-.01318	1	2	3	7	
		9	3	C	B	-119.34	.66165	-.12413	-.03007	.09859	.03411	1	2	3	4	
		10	3	C	B	42.786	-.51743	.15842	.01389	-.38904	-.03420	1	4			
		27	3	C	B	-8.7851	.61608	-.06014	-.03101	-.32065	.04055	1	6			
		28	3	C	B	-67.773	-.47187	.09444	.01484	.03020	-.04064	1	2	3	6	
		33	3	C	B	-137.58	-.26441	-.17010	.01164	.18045	-.02650	1	5			
		34	3	C	B	61.025	.40862	.20439	-.02782	-.47090	.02641	1	2	3	5	
2500	1	2	2		A	-33.902	.21453	-.06235	.01239	-.52308	-.54285	1	2	3		
		1	3	C	B	20.441	-.69647	-.33935	.00378	2.9044	2.7134	1	7			
		2	3	C	B	-71.888	1.0046	.24132	.01555	-3.6509	-3.4937	1	2	3	7	
		3	3	C	B	17.686	1.0853	-.23549	.01330	-3.3982	-3.3206	1	4			
		4	3	C	B	-69.132	-.77712	.13746	.00604	2.6518	2.5404	1	2	3	4	
		9	3	C	B	11.831	1.1329	-.24418	.01511	-3.5175	-3.4410	1	2	3	4	
		10	3	C	B	-63.277	-.82477	.14615	.00422	2.7710	2.6607	1	4			
2500	2	2	2		A	-33.612	.21453	-.05417	.01239	-.16480	-.54285	1	2	3		
		1	3	C	B	20.703	-.69647	-.33670	.00378	1.1149	2.7134	1	7			
		2	3	C	B	-71.626	1.0046	.25144	.01555	-1.3464	-3.4937	1	2	3	7	
		3	3	C	B	17.947	1.0853	-.23070	.01330	-1.2086	-3.3206	1	4			
		4	3	C	B	-68.871	-.77712	.14544	.00604	.97711	2.5404	1	2	3	4	
		9	3	C	B	12.092	1.1329	-.23819	.01511	-1.2484	-3.4410	1	2	3	4	
		10	3	C	B	-63.016	-.82477	.15293	.00422	1.0169	2.6607	1	4			
2532	1	2	2		A	-93.295	.01462	-.22044	.09131	.04555	.01773	1	2	3		
		11	1		A	-68.529	.00108	-.18647	.07889	.02760	.01258	1				
		1	3	C	B	58.409	.67875	1.7290	-.83808	-.44527	-.02566	1	7			
		2	3	C	B	-198.67	-.66755	-2.0878	.98857	.50722	.05183	1	2	3	7	
		9	3	C	B	7.8967	.83565	1.8331	-.97178	-.25188	-.01096	1	2	3	4	
		10	3	C	B	-148.16	-.82445	-2.1920	1.1222	.31383	.03713	1	4			
		31	3	C	B	-165.07	-.81521	-2.2152	1.1307	.32609	.04064	1	2	3	4	
		32	3	C	B	24.809	.82641	1.8563	-.98026	-.26414	-.01448	1	4			
2532	2	2	2		A	-93.005	.01462	-.16017	.09131	.03385	.01773	1	2	3		
		11	1		A	-68.239	.00108	-.13441	.07889	.01930	.01258	1				
		1	3	C	B	58.670	.67875	1.1889	-.83808	-.42844	-.02566	1	7			
		2	3	C	B	-198.41	-.66755	-1.4484	.98857	.47312	.05183	1	2	3	7	
		9	3	C	B	8.1581	.83565	1.2029	-.97178	-.24579	-.01096	1	2	3	4	
		10	3	C	B	-147.90	-.82445	-1.4624	1.1222	.29047	.03713	1	4			
		31	3	C	B	-164.81	-.81521	-1.4800	1.1307	.30041	.04064	1	2	3	4	
		32	3	C	B	25.070	.82641	1.2205	-.98026	-.25573	-.01448	1	4			
2533	1	2	2		A	-252.10	.00017	5.4457	-1.6730	1.4283	-.30177	1	2	3		

		1	3	C	B	-155.48	-.26978	13.145	-4.4906	3.3731	.68311	1	6		
		2	3	C	B	-237.87	.26396	-4.5591	1.8819	-.77511	-.96470	1	2	3	6
		3	3	C	B	-185.06	-.54543	16.227	-5.5833	-6.8770	-3.0011	1	7		
		4	3	C	B	-208.30	.53961	-7.6412	2.9746	9.4750	2.7195	1	2	3	7
		6	3	C	B	-192.42	-.26604	13.888	-4.7368	3.3566	.52320	1	2	3	6
		7	3	C	B	-171.37	.53587	-8.3844	3.2208	9.4915	2.8794	1	7		
		8	3	C	B	-221.99	-.54169	16.971	-5.8295	-6.8935	-3.1610	1	2	3	7
		15	3	C	B	-197.61	.42395	-7.8835	3.0577	6.4501	1.7895	1	4		
		16	3	C	B	-195.74	-.42977	16.470	-5.6664	-3.8521	-2.0711	1	2	3	4

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.			
		18	2		B	-252.10	.00017	5.4457	-1.6730	1.4283	-.30177	1	2	3	
		19	3	C	B	-158.81	-.43352	15.726	-5.4202	-3.8357	-1.9112	1	4		
		20	3	C	B	-234.54	.42770	-7.1403	2.8115	6.4337	1.6296	1	2	3	4
2533	2	2	2		A	-249.95	.00017	-2.7186	-1.6730	2.9010	-.30177	1	2	3	
		2	3	C	B	-190.48	-.26604	-9.2275	-4.7368	.80281	.52320	1	2	3	6
		3	3	C	B	-169.43	.53587	7.3345	3.2208	-4.5606	2.8794	1	7		
		4	3	C	B	-220.06	-.54169	-11.478	-5.8295	8.5328	-3.1610	1	2	3	7
		6	3	C	B	-235.94	.26396	4.6254	1.8819	3.9332	-.96470	1	2	3	6
		7	3	C	B	-183.12	-.54543	-11.020	-5.5833	7.7688	-3.0011	1	7		
		8	3	C	B	-206.36	.53961	6.8763	2.9746	-3.7967	2.7195	1	2	3	7
		11	3	C	B	-153.55	-.26978	-8.7692	-4.4906	.03887	.68311	1	6		
		15	3	C	B	-195.68	.42395	7.0394	3.0577	-2.2835	1.7895	1	4		
		16	3	C	B	-193.81	-.42977	-11.183	-5.6664	6.2557	-2.0711	1	2	3	4
		18	2		B	-249.95	.00017	-2.7186	-1.6730	2.9010	-.30177	1	2	3	
		21	3	C	B	-156.88	-.43352	-10.725	-5.4202	5.4917	-1.9112	1	4		
		22	3	C	B	-232.61	.42770	6.5811	2.8115	-1.5196	1.6296	1	2	3	4
2534	1	2	2		A	-43.805	.08858	.15946	-.18960	-2.1554	-1.3245	1	2	3	
		6	1		A	-31.864	.05942	.28834	-.20504	-1.3061	-.83014	1			
		1	3	C	B	-26.452	-.38145	10.841	-4.2008	2.1971	.46226	1	6		
		2	3	C	B	-39.056	.50833	-10.410	3.8423	-5.1281	-2.2941	1	2	3	6
		3	3	C	B	-27.941	.29590	13.950	-5.3690	-6.4545	-2.5540	1	7		
		4	3	C	B	-37.567	-.16903	-13.519	5.0104	3.5234	.72218	1	2	3	7
		7	3	C	B	-29.414	-.18894	-13.431	4.9999	4.1034	1.0597	1	7		
		8	3	C	B	-36.094	.31582	13.862	-5.3584	-7.0345	-2.8916	1	2	3	7
		9	3	C	B	-30.525	.48766	-13.058	4.8781	2.9814	.70508	1	4		
		10	3	C	B	-34.983	-.36078	13.489	-5.2366	-5.9125	-2.5369	1	2	3	4
		13	3	C	B	-38.678	.50757	-13.147	4.8886	2.4014	.36748	1	2	3	4
		14	3	C	B	-26.830	-.38070	13.578	-5.2472	-5.3325	-2.1993	1	4		
		18	2		B	-43.805	.08858	.15946	-.18960	-2.1554	-1.3245	1	2	3	
2534	2	1	2		A	-41.657	.08858	-.76579	-.18960	4.3081	-1.3245	1	2	3	
		32	1		A	-29.717	.05942	-.71229	-.20504	2.7449	-.83014	1			
		1	3	C	B	-37.124	.50833	8.3403	3.8423	6.0678	-2.2941	1	2	3	6
		2	3	C	B	-24.519	-.38145	-9.6590	-4.2008	-.05943	.46226	1	6		
		3	3	C	B	-27.482	-.18894	10.969	4.9999	-1.0683	1.0597	1	7		
		4	3	C	B	-34.161	.31582	-12.288	-5.3584	7.0767	-2.8916	1	2	3	7
		9	3	C	B	-28.592	.48766	10.747	4.8781	-.46243	.70508	1	4		
		10	3	C	B	-33.051	-.36078	-12.066	-5.2366	6.4708	-2.5369	1	2	3	4
		13	3	C	B	-36.745	.50757	10.711	4.8886	.60500	.36748	1	2	3	4
		14	3	C	B	-24.898	-.38070	-12.029	-5.2472	5.4034	-2.1993	1	4		
		18	2		B	-41.657	.08858	-.76579	-.18960	4.3081	-1.3245	1	2	3	
		21	3	C	B	-26.008	.29590	-12.251	-5.3690	6.0093	-2.5540	1	7		
		22	3	C	B	-35.635	-.16903	10.933	5.0104	-.00093	.72218	1	2	3	7
2535	1	2	2		A	-128.73	.14312	3.0537	-.79447	.42112	.57176	1	2	3	
		12	1		A	-106.94	.09770	2.2339	-.52110	-.07831	.29449	1			
		1	3	C	B	-75.440	.75960	13.635	-4.6287	9.1622	3.5985	1	4		
		2	3	C	B	-131.94	-.55272	-9.0546	3.5041	-8.9621	-2.8791	1	2	3	4
		3	3	C	B	-62.513	-.28006	13.666	-4.6268	-8.8148	-2.8596	1	7		
		4	3	C	B	-144.86	.48695	-9.0851	3.5022	9.0149	3.5790	1	2	3	7
		5	3	C	B	-117.06	-.58373	-9.6145	3.6907	-9.3032	-3.0685	1	4		
		6	3	C	B	-90.320	.79062	14.195	-4.8154	9.5033	3.7879	1	2	3	4
		7	3	C	B	-129.98	.45593	-9.6449	3.6889	8.6739	3.3896	1	7		
		8	3	C	B	-77.394	-.24905	14.225	-4.8135	-8.4738	-2.6702	1	2	3	7
2535	2	2	2		A	-126.58	.14312	-.84515	-.80344	-2.3691	.57176	1	2	3	
		12	1		A	-104.79	.09770	-.33095	-.53008	-1.5154	.29449	1			
		1	3	C	B	-115.12	-.58373	8.3780	3.6827	5.6721	-3.0685	1	4		
		2	3	C	B	-88.388	.79062	-9.3248	-4.8235	-8.9828	3.7879	1	2	3	4
		3	3	C	B	-128.05	.45593	8.3383	3.6808	-7.8686	3.3896	1	7		
		4	3	C	B	-75.461	-.24905	-9.2851	-4.8216	4.5578	-2.6702	1	2	3	7
		5	3	C	B	-73.507	.75960	-8.9737	-4.6368	-8.3998	3.5985	1	4		
		6	3	C	B	-130.00	-.55272	8.0268	3.4960	5.0891	-2.8791	1	2	3	4
		7	3	C	B	-60.581	-.28006	-8.9340	-4.6349	5.1408	-2.8596	1	7		
		8	3	C	B	-142.93	.48695	7.9871	3.4941	-8.4515	3.5790	1	2	3	7
		19	3	C	B	-86.936	-.61070	6.6271	2.8513	5.3944	-2.9197	1	6		

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		20	3	C	B	-116.57	.81758	-7.5739	-3.9921	-8.7051	3.6391	1	2	3	6
2536	1	2	2		A	-278.30	.09205	3.5141	-.80337	6.9487	2.2033	1	2	3	
		1	3	C	B	-182.37	.34535	6.7797	-2.0899	8.8879	3.0041	1	6		
		2	3	C	B	-264.98	-.21872	-1.0571	.80702	2.1053	.49200	1	2	3	6
		3	3	C	B	-221.76	-.61463	9.2190	-2.8977	-7.2897	-2.8346	1	7		
		4	3	C	B	-225.58	.74126	-3.4964	1.6148	18.283	6.3307	1	2	3	7
		6	3	C	B	-215.13	.36923	7.1483	-2.1896	9.8138	3.2914	1	2	3	6
		7	3	C	B	-192.82	.71738	-3.8649	1.7145	17.357	6.0434	1	7		
		8	3	C	B	-254.53	-.59075	9.5875	-2.9975	-6.3639	-2.5473	1	2	3	7
		11	3	C	B	-262.43	-.48109	-2.7316	1.3847	14.487	4.9729	1	2	3	4

		12	3	C	B	-184.91	.60772	8.4542	-2.6676	-3.4939	-1.4768	1	4					
		15	3	C	B	-229.67	-.50498	-3.1001	1.4844	13.561	4.6856	1	4					
		16	3	C	B	-217.67	.63161	8.8228	-2.7674	-2.5680	-1.1894	1	2	3	4			
		18	2		B	-278.30	.09205	3.5141	-.80337	6.9487	2.2033	1	2	3				
2536	2	2	2		A	-276.15	.09205	-.40627	-.80337	-3.8037	2.2033	1	2	3				
		2	3	C	B	-213.20	.36923	-3.5385	-2.1896	-6.2485	3.2914	1	2	3	6			
		3	3	C	B	-190.88	.71738	4.5058	1.7145	-12.134	6.0434	1	7					
		4	3	C	B	-252.59	-.59075	-5.0438	-2.9975	6.0672	-2.5473	1	2	3	7			
		6	3	C	B	-263.04	-.21872	2.8824	.80702	-.29540	.49200	1	2	3	6			
		8	3	C	B	-223.65	.74126	4.3877	1.6148	-12.611	6.3307	1	2	3	7			
		10	3	C	B	-219.83	-.61463	-4.9257	-2.8977	6.5435	-2.8346	1	7					
		11	3	C	B	-260.50	-.48109	4.0306	1.3847	-9.7812	4.9729	1	2	3	4			
		12	3	C	B	-182.98	.60772	-4.5686	-2.6676	3.7134	-1.4768	1	4					
		15	3	C	B	-227.74	-.50498	4.1487	1.4844	-9.3049	4.6856	1	4					
		16	3	C	B	-215.74	.63161	-4.6868	-2.7674	3.2372	-1.1894	1	2	3	4			
		18	2		B	-276.15	.09205	-.40627	-.80337	-3.8037	2.2033	1	2	3				
2537	1	2	2		A	-360.78	.09488	.52738	-.46922	3.1228	.79424	1	2	3				
		11	1		A	-285.21	.05838	.80280	-.55575	2.6438	.73830	1						
		2	3	C	B	-323.50	-.21539	-4.3817	1.2904	1.6998	.35365	1	2	3	6			
		4	3	C	B	-228.14	.74698	-6.8635	2.1054	8.4177	2.7254	1	2	3	7			
		6	3	C	B	-388.44	-.59204	7.9324	-2.9876	-3.0045	-1.3201	1	2	3	7			
		7	3	C	B	-176.54	.72205	-6.6754	2.0464	8.0906	2.6872	1	7					
		10	3	C	B	-336.84	-.61697	8.1205	-3.0467	-3.3316	-1.3583	1	7					
		11	3	C	B	-207.45	-.50958	-5.7684	1.7776	5.8542	1.8923	1	4					
		12	3	C	B	-357.53	.63960	7.0254	-2.7189	-.76813	-.52519	1	2	3	4			
		26	2		B	-360.78	.09488	.52738	-.46922	3.1228	.79424	1	2	3				
2537	2	2	2		A	-358.63	.09488	-1.7624	-.46922	-.75301	.79424	1	2	3				
		11	1		A	-283.07	.05838	-1.9092	-.55575	-.95904	.73830	1						
		2	3	C	B	-386.51	-.59204	-6.6552	-2.9876	3.4381	-1.3201	1	2	3	7			
		6	3	C	B	-321.57	-.21539	1.9180	1.2904	.01918	.35365	1	2	3	6			
		8	3	C	B	-257.12	-.48466	3.0146	1.8367	-3.2490	1.9305	1	2	3	4			
		9	3	C	B	-226.21	.74698	3.4191	2.1054	-4.8830	2.7254	1	2	3	7			
		10	3	C	B	-334.91	-.61697	-6.7555	-3.0467	3.2974	-1.3583	1	7					
		11	3	C	B	-205.52	-.50958	2.9144	1.7776	-3.3897	1.8923	1	4					
		12	3	C	B	-355.60	.63960	-6.2508	-2.7189	1.8041	-.52519	1	2	3	4			
		24	2		B	-358.63	.09488	-1.7624	-.46922	-.75301	.79424	1	2	3				
2538	1	2	2		A	-479.35	.02249	1.4357	-.61558	1.8733	.81875	1	2	3				
		2	3	C	B	-426.16	.42707	-4.6558	1.6335	-.74906	-.17429	1	2	3	6			
		4	3	C	B	-426.09	.52099	-6.0200	1.9621	10.702	4.1837	1	2	3	7			
		6	3	C	B	-383.63	-.39267	7.1304	-2.6875	4.0238	1.6126	1	2	3	6			
		8	3	C	B	-383.70	-.48659	8.4945	-3.0162	-7.4274	-2.7453	1	2	3	7			
		10	3	C	B	-300.29	-.49617	8.3218	-2.9313	-7.5802	-2.8010	1	7					
		12	3	C	B	-342.74	.41749	-4.8285	1.7183	-.90192	-.22990	1	6					
		13	3	C	B	-343.19	.54271	-5.8858	2.0420	7.2052	2.8462	1	4					
		14	3	C	B	-383.19	-.51789	8.1876	-3.0112	-4.0832	-1.4634	1	2	3	4			
		15	3	C	B	-342.19	.36861	-5.1490	1.7095	8.9088	3.4980	1	5					
		16	3	C	B	-384.19	-.34379	7.4509	-2.6788	-5.7869	-2.1153	1	2	3	5			
		18	2		B	-479.35	.02249	1.4357	-.61558	1.8733	.81875	1	2	3				
		31	3	C	B	-342.67	.51142	-6.1927	2.0469	10.549	4.1281	1	7					
2538	2	2	2		A	-477.20	.02249	-1.5682	-.61558	-2.1221	.81875	1	2	3				
		2	2		B	-477.20	.02249	-1.5682	-.61558	-2.1221	.81875	1	2	3				
		4	3	C	B	-381.77	-.48659	-6.2330	-3.0162	5.9701	-2.7453	1	2	3	7			

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		6	3	C	B	-424.22	.42707	3.3174	1.6335	.10281	-.17429	1	2	3	6			
		8	3	C	B	-424.15	.52099	3.5636	1.9621	-9.7147	4.1837	1	2	3	7			
		10	3	C	B	-298.36	-.49617	-5.9916	-2.9313	6.0887	-2.8010	1	7					
		11	3	C	B	-381.70	-.39267	-5.9869	-2.6875	-3.8473	1.6126	1	2	3	6			
		12	3	C	B	-340.81	.41749	3.5589	1.7183	.22134	-.22990	1	6					
		13	3	C	B	-341.25	.54271	4.0912	2.0420	-6.6853	2.8462	1	4					
		14	3	C	B	-381.26	-.51789	-6.5192	-3.0112	3.0593	-1.4634	1	2	3	4			
		15	3	C	B	-340.26	.36861	3.2054	1.7095	-8.1620	3.4980	1	5					
		16	3	C	B	-382.25	-.34379	-5.6334	-2.6788	4.5360	-2.1153	1	2	3	5			
		22	3	C	B	-424.67	.55229	3.8498	1.9571	-6.8039	2.9018	1	2	3	4			
		31	3	C	B	-340.74	.51142	3.8050	2.0469	-9.5962	4.1281	1	7					
2539	1	2	2		A	-78.162	-.02670	-.84461	.20221	-1.8140	-.62385	1	2	3				
		1	3	C	B	-45.382	-.75218	4.1453	-1.2500	8.9962	3.4887	1	4					
		2	3	C	B	-75.968	.69913	-5.3983	1.5388	-11.525	-4.3455	1	2	3	4			
		3	3	C	B	-49.912	-.85845	4.9477	-1.4165	-11.744	-4.4437	1	7					
		4	3	C	B	-71.438	.80540	-6.2006	1.7053	9.2146	3.5870	1	2	3	7			
		5	3	C	B	-64.146	.69609	-5.2348	1.4929	-11.076	-4.1828	1	4					
		6	3	C	B	-57.204	-.74914	3.9819	-1.2041	8.5466	3.3260	1	2	3	4			
		7	3	C	B	-59.616	.80236	-6.0372	1.6594	9.6643	3.7497	1	7					
		8	3	C	B	-61.734	-.85541	4.7843	-1.3706	-12.194	-4.6065	1	2	3	7			
		18	2		B	-78.162	-.02670	-.84461	.20221	-1.8140	-.62385	1	2	3				
2539	2	2	2		A	-76.015	-.02670	.14220	.20221	1.2303	-.62385	1	2	3				
		1	3	C	B	-62.213	.69609	2.0856	1.4929	9.3362	-4.1828	1	4					
		2	3	C	B	-55.271	-.74914	-1.9291	-1.2041	-7.6848	3.3260	1	2	3	4			
		3	3	C	B	-57.684	.80236	2.0963	1.6594	-8.6344	3.7497	1	7					
		4	3	C	B	-59.801	-.85541	-1.9397	-1.3706	10.285	-4.6065	1	2	3	7			
		5	3	C	B	-43.450	-.75218	-1.9898	-1.2500	-8.0292	3.4887	1	4					
		6	3	C	B	-74.035	.69913	2.1464	1.5388	9.6806	-4.3455	1	2	3	4			
		7	3	C	B	-47.979	-.85845	-2.0005	-1.4165	9.9413	-4.4437	1	7					
		8	3	C	B	-69.505	.80540	2.1571	1.7053	-8.2900	3.5870	1	2	3	7			
		18	2		B	-76.015	-.02670	.14220	.20221	1.2303	-.62385	1	2	3				
		20	3	C	B	-71.952	-.60947	-1.4042	-1.0261	9.2778	-4.1693	1	2	3	5			
2540	1	2	2		A	-435.30	.00894	-.46914	.11268	.45432	.21966	1	2	3				
		11	1		A	-305.00	-.00556	-.36113	.08725	.40832	.19493	1						
		2	3	C	B	-367.10	-.25069	-2.8092	.72352	-1.8756	-.66276	1	2	3	6			
		4	3	C	B	-366.86	-.35679	-4.2815	1.0781	9.2576	3.5515	1	2	3	7			
		8	3	C	B	-360.09	.36658	3.4840	-.88633	-8.4597	-3.1668	1	2	3	7			
		9	3	C	B	-366.84	.19042	-3.8473	.97296	7.6493	2.9397	1	2	3	5			
		10	3	C	B	-271.13	-.19053	3.1235	-.79853	-6.8829	-2.5719	1	5					

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2544	1	2	2		A	-78.771	-.01349	-1.0200	.31225	-2.5286	-1.0652	1 2 3
		1	3	C	B	-46.500	.74648	3.0725	-.80405	8.9910	3.3662	1 4
		2	3	C	B	-76.522	-.77808	-4.8094	1.3254	-12.807	-4.9849	1 2 3 4
		3	3	C	B	-41.570	.45628	2.5438	-.62440	-12.022	-4.6556	1 7
		4	3	C	B	-81.452	-.48788	-4.2808	1.1457	8.2062	3.0369	1 2 3 7
		5	3	C	B	-65.053	-.78255	-4.7488	1.3005	-12.358	-4.8022	1 4
		6	3	C	B	-57.969	.75095	3.0119	-.77919	8.5417	3.1835	1 2 3 4
		7	3	C	B	-69.983	-.49235	-4.2202	1.1209	8.6555	3.2196	1 7
		8	3	C	B	-53.039	.46075	2.4833	-.59953	-12.472	-4.8382	1 2 3 7
		13	3	C	B	-78.824	.37156	-3.6002	.93227	7.5878	2.8056	1 2 3 5
		14	3	C	B	-44.198	-.40317	1.8632	-.41089	-11.404	-4.4243	1 5
2544	2	2	2		A	-76.624	-.01349	.50377	.31225	2.6698	-1.0652	1 2 3
		1	3	C	B	-63.120	-.78255	1.6796	1.3005	11.077	-4.8022	1 4
		2	3	C	B	-56.037	.75095	-.87227	-.77919	-6.9944	3.1835	1 2 3 4
		3	3	C	B	-68.050	-.49235	1.3776	1.1209	-7.0562	3.2196	1 7
		4	3	C	B	-51.107	.46075	-.57023	-.59953	11.138	-4.8382	1 2 3 7
		5	3	C	B	-44.567	.74648	-.93305	-.80405	-7.4364	3.3662	1 4
		6	3	C	B	-74.590	-.77808	1.7404	1.3254	11.519	-4.9849	1 2 3 4
		7	3	C	B	-39.637	.45628	-.63101	-.62440	10.696	-4.6556	1 7
		8	3	C	B	-79.520	-.48788	1.4383	1.1457	-6.6142	3.0369	1 2 3 7
		13	3	C	B	-76.891	.37156	-.10826	.93227	-6.1037	2.8056	1 2 3 5
		14	3	C	B	-42.266	-.40317	.91564	-.41089	10.186	-4.4243	1 5
2545	1	2	2		A	-178.61	.16571	3.5729	-1.0157	-1.1124	.05233	1 2 3
		12	1		A	-149.62	.11344	2.7275	-.72770	-1.4261	-.16373	1
		1	3	C	B	-170.30	.50432	8.8747	-2.9504	7.9488	3.1537	1 5
		2	3	C	B	-118.81	-.26442	-3.3879	1.4438	-10.301	-3.3009	1 2 3 5
		3	3	C	B	-90.835	-.46141	10.926	-3.7029	-13.085	-4.3726	1 7
		4	3	C	B	-198.28	.70131	-5.4396	2.1963	10.732	4.2254	1 2 3 7
		5	3	C	B	-99.022	-.30012	-3.9652	1.6406	-10.515	-3.4485	1 5
		6	3	C	B	-190.10	.54002	9.4520	-3.1471	8.1630	3.3013	1 2 3 5
		7	3	C	B	-178.49	.66560	-6.0169	2.3931	10.518	4.0779	1 7
		8	3	C	B	-110.62	-.42571	11.503	-3.8997	-12.871	-4.2250	1 2 3 7
		11	3	C	B	-181.51	-.43155	-7.4961	2.9337	7.2518	2.9860	1 2 3 4
		12	3	C	B	-107.60	.67144	12.983	-4.4403	-9.6047	-3.1332	1 4
		15	3	C	B	-161.72	-.46725	-8.0734	3.1305	7.0376	2.8384	1 4
		16	3	C	B	-127.39	.70714	13.560	-4.6370	-9.3905	-2.9856	1 2 3 4
		22	3	C	B	-163.73	.54806	12.067	-4.0900	2.8577	1.4107	1 2 3 6
2545	2	2	2		A	-176.46	.16571	-1.4073	-1.0253	-1.3678	.05233	1 2 3
		12	1		A	-147.48	.11344	-.84692	-.73723	-.62715	-.16373	1
		1	3	C	B	-97.090	-.30012	4.0199	1.6320	6.3128	-3.4485	1 5
		2	3	C	B	-188.16	.54002	-5.9271	-3.1557	-7.9474	3.3013	1 2 3 5
		3	3	C	B	-159.79	-.46725	7.1835	3.1219	-6.8145	2.8384	1 4
		4	3	C	B	-125.46	.70714	-9.0906	-4.6456	5.1798	-2.9856	1 2 3 4
		5	3	C	B	-168.37	.50432	-5.5444	-2.9590	-7.4416	3.1537	1 5
		6	3	C	B	-116.88	-.26442	3.6372	1.4352	5.8069	-3.3009	1 2 3 5
		7	3	C	B	-88.902	-.46141	-7.1659	-3.7115	8.2531	-4.3726	1 7
		8	3	C	B	-196.35	.70131	5.2587	2.1878	-9.8878	4.2254	1 2 3 7
		11	3	C	B	-179.58	-.43155	6.8008	2.9252	-7.3203	2.9860	1 2 3 4
		12	3	C	B	-105.67	.67144	-8.7079	-4.4489	5.6856	-3.1332	1 4
		13	3	C	B	-176.56	.66560	5.6414	2.3845	-9.3820	4.0779	1 7
		14	3	C	B	-108.69	-.42571	-7.5486	-3.9082	7.7473	-4.2250	1 2 3 7
		20	3	C	B	-161.80	.54806	-7.9134	-4.0985	-4.0270	1.4107	1 2 3 6
2546	1	2	2		A	-83.305	.07108	.88358	-.41487	1.1062	.92154	1 2 3
		1	3	C	B	-61.172	.20212	10.814	-4.1600	1.9791	1.0186	1 6
		2	3	C	B	-68.437	-.10611	-9.5760	3.5565	-.76490	.15540	1 2 3 6
		3	3	C	B	-46.563	.24436	10.459	-4.0212	-5.2214	-1.4827	1 7
		4	3	C	B	-83.046	-.14835	-9.2208	3.4177	6.4357	2.6567	1 2 3 7
		5	3	C	B	-56.004	-.12564	-9.7912	3.6441	-1.2399	-.14093	1 6
		6	3	C	B	-73.605	.22165	11.029	-4.2476	2.4542	1.3149	1 2 3 6
		7	3	C	B	-66.053	-.21276	-11.468	4.2876	3.9501	1.6775	1 4
		8	3	C	B	-63.556	.30877	12.706	-4.8911	-2.7359	-.50351	1 2 3 4
		9	3	C	B	-80.769	.13571	-7.0161	2.5675	5.4212	2.3109	1 2 3 5
		10	3	C	B	-48.839	-.03970	8.2546	-3.1710	-4.2069	-1.1368	1 5
		18	2		B	-83.305	.07108	.88358	-.41487	1.1062	.92154	1 2 3

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.
		19	3	C	B	-51.123	.28924	12.491	-4.8036	-3.2109	-.79985	1 4
		20	3	C	B	-78.486	-.19323	-11.253	4.2001	4.4252	1.9738	1 2 3 4
		23	3	C	B	-70.613	-.16788	-9.4360	3.5053	5.9606	2.3603	1 7
		24	3	C	B	-58.996	.26389	10.674	-4.1088	-4.7464	-1.1863	1 2 3 7
2546	2	2	2		A	-81.158	.07108	-1.1410	-.41487	-3.3908	.92154	1 2 3
		6	1		A	-62.950	.04248	-.83022	-.28661	-1.9687	.48759	1
		1	3	C	B	-54.071	-.12564	7.9925	3.6441	-.54990	-.14093	1 6
		2	3	C	B	-71.672	.22165	-9.6991	-4.2476	-3.9649	1.3149	1 2 3 6
		3	3	C	B	-64.120	-.21276	9.4563	4.2876	-4.2380	1.6775	1 4
		4	3	C	B	-61.624	.30877	-11.163	-4.8911	-.27683	-.50351	1 2 3 4
		7	3	C	B	-49.191	.28924	-10.950	-4.8036	.69425	-.79985	1 4
		8	3	C	B	-76.553	-.19323	9.2441	4.2001	-5.2091	1.9738	1 2 3 4
		9	3	C	B	-78.837	.13571	5.5135	2.5675	-5.8567	2.3109	1 2 3 5
		10	3	C	B	-46.907	-.03970	-7.2201	-3.1710	1.3419	-1.1368	1 5
		11	3	C	B	-81.113	-.14835	7.4590	3.4177	-6.5292	2.6567	1 2 3 7
		12	3	C	B	-44.631	.24436	-9.1656	-4.0212	2.0143	-1.4827	1 7
		18	2		B	-81.158	.07108	-1.1410	-.41487	-3.3908	.92154	1 2 3
2547	1	1	2		A	-43.015	-.03168	.03459	-.01247	3.3039	1.8573	1 2 3
		2	1		A	-30.463	-.03133	-.16743	.06279	2.1220	1.1990	1
		1	3	C	B	-35.484	.06127	10.138	-3.8078	5.0128	2.3397	1 2 3 6
		2	3	C	B	-27.919	-.11791	-10.302	3.8694	-.38600	.26805	1 6

		3	3	C	B	-29.507	.09981	9.7009	-3.6437	-6.3196	-1.8725	1	7			
		4	3	C	B	-33.896	-.15645	-9.8643	3.7054	10.946	4.4803	1	2	3	7	
		13	3	C	B	-26.114	-.16848	-11.962	4.5014	7.1409	2.9546	1	4			
		14	3	C	B	-37.290	.11184	11.799	-4.4397	-2.5141	-.34676	1	2	3	4	
		18	2		B	-43.015	-.03168	.03459	-.01247	3.3039	1.8573	1	2	3		
		19	3	C	B	-28.719	.11208	11.661	-4.3883	-3.3212	-.79631	1	4			
		20	3	C	B	-34.685	-.16872	-11.824	4.4500	7.9481	3.4041	1	2	3	4	
2547	2	2	2		A	-40.868	-.03168	-.02629	-.01247	-5.7599	1.8573	1	2	3		
		15	1		A	-28.315	-.03133	.13900	.06279	-3.7293	1.1990	1				
		1	3	C	B	-25.987	-.11791	8.5810	3.8694	-1.6922	.26805	1	6			
		2	3	C	B	-33.552	.06127	-8.4437	-3.8078	-6.4071	2.3397	1	2	3	6	
		3	3	C	B	-31.964	-.15645	8.2189	3.7054	-10.918	4.4803	1	2	3	7	
		4	3	C	B	-27.575	.09981	-8.0816	-3.6437	2.8187	-1.8725	1	7			
		13	3	C	B	-24.181	-.16848	10.004	4.5014	-7.2790	2.9546	1	4			
		14	3	C	B	-35.357	.11184	-9.8675	-4.4397	-.82036	-.34676	1	2	3	4	
		18	2		B	-40.868	-.03168	-.02629	-.01247	-5.7599	1.8573	1	2	3		
		21	3	C	B	-26.786	.11208	-9.7547	-4.3883	.56630	-.79631	1	4			
		22	3	C	B	-32.752	-.16872	9.8920	4.4500	-8.6657	3.4041	1	2	3	4	
2548	1	2	2		A	-89.330	.09533	-.64578	.31409	2.0271	1.3748	1	2	3		
		15	1		A	-69.117	.06376	-.80612	.37002	1.1346	.82848	1				
		1	3	C	B	-68.220	-.21219	9.4287	-3.5027	2.8804	1.3066	1	6			
		2	3	C	B	-69.993	.34853	-10.770	4.1306	-.22860	.55769	1	2	3	6	
		3	3	C	B	-67.539	.38383	11.238	-4.2038	-2.0677	-.23345	1	4			
		4	3	C	B	-70.673	-.24750	-12.579	4.8317	4.7195	2.0978	1	2	3	4	
		5	3	C	B	-56.190	.32697	-10.879	4.1688	-.83815	.18460	1	6			
		6	3	C	B	-82.022	-.19064	9.5382	-3.5409	3.4899	1.6797	1	2	3	6	
		7	3	C	B	-56.870	-.26905	-12.689	4.8699	4.1100	1.7247	1	4			
		8	3	C	B	-81.342	.40539	11.347	-4.2420	-1.4582	.13963	1	2	3	4	
		9	3	C	B	-79.659	-.05176	-8.4995	3.2664	5.4444	2.3398	1	2	3	5	
		11	3	C	B	-73.618	-.14757	-10.804	4.1600	6.1734	2.5801	1	2	3	7	
		12	3	C	B	-64.595	.28390	9.4627	-3.5321	-3.5216	-.71577	1	7			
		18	2		B	-89.330	.09533	-.64578	.31409	2.0271	1.3748	1	2	3		
		23	3	C	B	-59.815	-.16912	-10.913	4.1982	5.5638	2.2070	1	7			
		24	3	C	B	-78.398	.30546	9.5722	-3.5703	-2.9120	-.34268	1	2	3	7	
2548	2	2	2		A	-87.183	.09533	.88699	.31409	-4.6819	1.3748	1	2	3		
		4	1		A	-66.969	.06376	.99959	.37002	-2.9084	.82848	1				
		1	3	C	B	-54.258	.32697	9.4644	4.1688	-1.7363	.18460	1	6			
		2	3	C	B	-80.090	-.19064	-7.7420	-3.5409	-4.7098	1.6797	1	2	3	6	
		3	3	C	B	-68.741	-.24750	10.999	4.8317	-5.5218	2.0978	1	2	3	4	
		4	3	C	B	-65.607	.38383	-9.2774	-4.2038	-.92441	-.23345	1	4			
		9	3	C	B	-77.727	-.05176	7.4404	3.2664	-5.9758	2.3398	1	2	3	5	
		11	3	C	B	-71.685	-.14757	9.4972	4.1600	-6.4177	2.5801	1	2	3	7	

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.				
		12	3	C	B	-62.663	.28390	-7.7749	-3.5321	-.02849	-.71577	1	7			
		13	3	C	B	-68.061	.34853	9.3875	4.1306	-2.9475	.55769	1	2	3	6	
		14	3	C	B	-66.287	-.21219	-7.6651	-3.5027	-3.4987	1.3066	1	6			
		15	3	C	B	-54.938	-.26905	11.076	4.8699	-4.3107	1.7247	1	4			
		16	3	C	B	-79.410	.40539	-9.3543	-4.2420	-2.1355	.13963	1	2	3	4	
		18	2		B	-87.183	.09533	.88699	.31409	-4.6819	1.3748	1	2	3		
2549	1	2	2		A	-176.40	.15433	3.2201	-.87405	4.4422	1.1842	1	2	3		
		11	1		A	-148.91	.10404	2.8576	-.75881	3.6681	1.0036	1				
		1	3	C	B	-109.95	-.44181	13.119	-4.4716	12.040	4.0536	1	4			
		2	3	C	B	-176.85	.66343	-7.7277	3.0271	-4.9096	-2.1237	1	2	3	4	
		3	3	C	B	-145.76	-.47460	11.838	-3.9956	-6.0177	-2.4612	1	7			
		4	3	C	B	-141.04	.69622	-6.4475	2.5510	13.149	4.3911	1	2	3	7	
		5	3	C	B	-158.08	.62908	-7.9752	3.1058	-5.4382	-2.2471	1	4			
		6	3	C	B	-128.72	-.40746	13.366	-4.5503	12.569	4.1770	1	2	3	4	
		7	3	C	B	-122.27	.66187	-6.6950	2.6297	12.620	4.2677	1	7			
		8	3	C	B	-164.53	-.44026	12.086	-4.0743	-5.4891	-2.3378	1	2	3	7	
		18	3	C	B	-181.06	.49078	-5.8156	2.3379	-3.7761	-1.7072	1	2	3	6	
2549	2	2	2		A	-174.25	.15433	-1.0671	-.88303	-1.3371	1.1842	1	2	3		
		11	1		A	-146.76	.10404	-.86722	-.76779	-1.2294	1.0036	1				
		1	3	C	B	-156.15	.62908	7.1624	3.0977	5.5279	-2.2471	1	4			
		2	3	C	B	-126.79	-.40746	-8.8599	-4.5584	-7.8144	4.1770	1	2	3	4	
		3	3	C	B	-120.34	.66187	6.1202	2.6217	-8.2061	4.2677	1	7			
		4	3	C	B	-162.60	-.44026	-7.8177	-4.0824	5.9196	-2.3378	1	2	3	7	
		5	3	C	B	-108.02	-.44181	-8.7234	-4.4797	-7.7409	4.0536	1	4			
		6	3	C	B	-174.92	.66343	7.0259	3.0190	5.4544	-2.1237	1	2	3	4	
		7	3	C	B	-143.83	-.47460	-7.6812	-4.0037	5.9931	-2.4612	1	7			
		8	3	C	B	-139.11	.69622	5.9836	2.5430	-8.2797	4.3911	1	2	3	7	
		18	3	C	B	-179.13	.49078	5.5741	2.3298	4.5555	-1.7072	1	2	3	6	
2550	1	2	2		A	-113.99	-.07859	-.35293	-.37843	-.07506	-.00635	1	2	3		
		29	1		A	-84.190	-.07502	-.27244	-.32660	-.05277	-.00228	1				
		1	3	C	B	29.106	-.61369	.35205	-1.8982	.12096	.00826	1	6			
		2	3	C	B	-201.00	.47621	-.89742	1.2749	-.23117	-.01515	1	2	3	6	
		3	3	C	B	25.800	-.89979	.69250	-2.2018	-.32708	-.01761	1	4			
		4	3	C	B	-197.69	.76231	-1.2378	1.5786	.21687	.01071	1	2	3	4	
		5	3	C	B	21.652	.64241	-1.2745	1.3808	.29860	.01616	1	5			
		6	3	C	B	-193.54	-.77989	.72919	-2.0041	-.40881	-.02305	1	2	3	5	
		7	3	C	B	18.119	.88701	-1.5062	1.6840	.36437	.01958	1	7			
		8	3	C	B	-190.01	-1.0245	.96088	-2.3072	-.47458	-.02647	1	2	3	7	
		15	3	C	B	-169.66	-1.0220	1.0158	-2.2718	-.45936	-.02369	1	7			
		16	3	C	B	-2.2342	.88458	-1.5612	1.6486	.34915	.01680	1	2	3	7	
		29	3	C	B	-177.34	.76475	-1.1829	1.6140	.23210	.01349	1	4			
		30	3	C	B	5.4470	-.90223	.63754	-2.2372	-.34231	-.02039	1	2	3	4	
2550	2	2	2		A	-113.70	-.07859	-.60269	-.37843	-.07086	-.00635	1	2	3		
		29	1		A	-83.900	-.07502	-.48800	-.32660	-.05126	-.00228	1				
		1	3	C	B	18.381	.88701	-.18114	1.6840	.35155	.01958	1	7			
		2	3	C	B	-189.75	-1.0245	-.77558	-2.3072	-.45721	-.02647	1	2	3	7	
		3	3	C	B	26.062	-.89979	-.91147	-2.2018	-.31567	-.01761	1	4			
		4	3	C	B	-197.43	.76231	-.04525	1.5786	.21001	.01071	1	2	3	4	
		7	3	C	B	29.368	-.61369	-.92676	-1.8982	.11560	.00826	1	6			
		8	3	C	B	-200.74	.47621	-.02996	1.2749	-.22126	-.01515	1	2	3	6	

		15	3	C	B	-169.40	-1.0220	-.69726	-2.2718	-.44382	-.02369	1	7			
		16	3	C	B	-1.9728	.88458	-.25946	1.6486	.33816	.01680	1	2	3	7	
		29	3	C	B	-177.08	.76475	.03306	1.6140	.22340	.01349	1	4			
		30	3	C	B	5.7083	-.90223	-.98979	-2.2372	-.32906	-.02039	1	2	3	4	
2562	1	2	2		A	-70.527	.29314	.00468	-.01768	-.00183	1.1405	1	2	3		
		11	1		A	-54.855	.20776	.00507	-.01431	-.02946	.85057	1				
		2	3	C	B	-95.590	-.20487	-.10656	-.01002	-.38977	-.25471	1	2	3	6	
		3	3	C	B	-8.1040	-1.0058	.30168	-.01598	-1.4846	-3.4283	1	7			
		4	3	C	B	-101.33	1.4381	-.29281	-.01208	1.4504	5.1574	1	2	3	7	
		11	3	C	B	-11.712	-.72428	.20072	-.01809	-.98938	-2.0954	1	4			
		12	3	C	B	-97.729	1.1565	-.19185	-.00997	.95521	3.8245	1	2	3	4	
		32	3	C	B	-99.337	1.1362	-.24492	-.01809	1.1509	4.2595	1	2	3	5	
		33	3	C	B	-87.027	1.0982	-.19158	-.00766	.93635	3.6265	1	4			

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.				
		34	3	C	B	-22.414	-.66597	.20045	-.02040	-.97051	-1.8974	1	2	3	4	
2562	2	2	2		A	-70.237	.29314	-.00698	-.01768	-.75461	1.1405	1	2	3		
		11	1		A	-54.565	.20776	-.00436	-.01431	-.59084	.85057	1				
		1	3	C	B	-7.8426	-1.0058	.29342	-.01598	.78171	-3.4283	1	7			
		2	3	C	B	-101.07	1.4381	-.30307	-.01208	-1.9570	5.1574	1	2	3	7	
		3	3	C	B	-13.590	.63715	.10407	-.01803	-.95735	1.9838	1	6			
		4	3	C	B	-95.329	-.20487	-.11372	-.01002	-.21800	-.25471	1	2	3	6	
		11	3	C	B	-11.451	-.72428	.19130	-.01809	.40051	-2.0954	1	4			
		12	3	C	B	-97.467	1.1565	-.20095	-.00997	-1.5758	3.8245	1	2	3	4	
		32	3	C	B	-99.075	1.1362	-.25470	-.01809	-1.6606	4.2595	1	2	3	5	
		33	3	C	B	-86.766	1.0982	-.19916	-.00766	-1.4640	3.6265	1	4			
		34	3	C	B	-22.153	-.66597	.18951	-.02040	.28866	-1.8974	1	2	3	4	
2565	1	2	2		A	-48.293	.14146	-.10809	.02155	.15165	-.03407	1	2	3		
		1	3	C	B	79.607	.72315	-.30779	.03391	.48341	-.02639	1	7			
		2	3	C	B	-155.31	-.52017	.14084	.00048	-.26068	-.02092	1	2	3	7	
		9	3	C	B	72.746	.75473	-.32467	.03660	.51412	-.03496	1	2	3	7	
		10	3	C	B	-148.45	-.55174	.15772	-.00219	-.29139	-.01235	1	7			
		28	2		B	-48.293	.14146	-.10809	.02155	.15165	-.03407	1	2	3		
		33	3	C	B	-70.951	.40860	.00983	.02418	.21971	-.02032	1	2	3	6	
2565	2	2	2		A	-48.002	.14146	-.09386	.02155	.17414	-.03407	1	2	3		
		1	3	C	B	79.868	.72315	-.28549	.03391	.49953	-.02639	1	7			
		2	3	C	B	-155.04	-.52017	.14125	.00048	-.24557	-.02092	1	2	3	7	
		9	3	C	B	73.007	.75473	-.30060	.03660	.53590	-.03496	1	2	3	7	
		10	3	C	B	-148.18	-.55174	.15636	-.00219	-.28194	-.01235	1	7			
		28	2		B	-48.002	.14146	-.09386	.02155	.17414	-.03407	1	2	3		
		33	3	C	B	-70.690	.40860	.02443	.02418	.23519	-.02032	1	2	3	6	
2566	1	2	2		A	-47.255	.11315	.02317	-.01555	-.19507	.02481	1	2	3		
		1	3	C	B	80.217	.44501	.23647	-.03495	-.48198	.02532	1	7			
		2	3	C	B	-153.38	-.28865	-.20318	.01054	.19153	.00731	1	2	3	7	
		9	3	C	B	-109.47	.71893	-.12472	.00176	.09830	.00592	1	2	3	4	
		10	3	C	B	36.300	-.56257	.15802	-.02617	-.38875	.02671	1	4			
		27	3	C	B	72.951	.47394	.24162	-.03715	-.51908	.03268	1	2	3	7	
		28	3	C	B	-146.12	-.31758	-.20832	.01273	.22863	-.00004	1	7			
		29	3	C	B	-63.015	-.51725	.09322	-.00739	.02883	.03468	1	2	3	6	
		30	3	C	B	-10.155	.67361	-.05992	-.01702	-.31928	-.00205	1	6			
2566	2	2	2		A	-46.964	.11315	.01290	-.01555	-.21145	.02481	1	2	3		
		1	3	C	B	80.478	.44501	.21355	-.03495	-.49826	.02532	1	7			
		2	3	C	B	-153.12	-.28865	-.19637	.01054	.18626	.00731	1	2	3	7	
		9	3	C	B	-109.21	.71893	-.12564	.00176	.08468	.00592	1	2	3	4	
		10	3	C	B	36.562	-.56257	.14282	-.02617	-.39667	.02671	1	4			
		27	3	C	B	73.212	.47394	.21725	-.03715	-.54021	.03268	1	2	3	7	
		28	3	C	B	-145.86	-.31758	-.20007	.01273	.22822	-.00004	1	7			
		29	3	C	B	-62.754	-.51725	.08572	-.00739	.00687	.03468	1	2	3	6	
		30	3	C	B	-9.8945	.67361	-.06854	-.01702	-.31886	-.00205	1	6			
2569	1	2	2		A	-32.363	.20713	-.05417	.00686	-.14749	-.53952	1	2	3		
		1	3	C	B	18.482	-.64436	-.33670	.00765	1.0263	2.7678	1	7			
		2	3	C	B	-67.558	.94108	.25144	.00317	-1.2330	-3.5425	1	2	3	7	
		3	3	C	B	14.495	1.0373	-.23070	.01005	-1.1012	-3.3489	1	4			
		4	3	C	B	-63.571	-.74058	.14544	.00077	.89461	2.5742	1	2	3	4	
		9	3	C	B	8.8850	1.0838	-.23819	.01099	-1.1372	-3.4690	1	2	3	4	
		10	3	C	B	-57.960	-.78710	.15293	-.00015	.93058	2.6942	1	4			
		31	3	C	B	6.7340	1.0071	-.14259	.01125	-1.0184	-3.1992	1	2	3	6	
		32	3	C	B	-55.809	-.71039	.05733	-.00042	.81179	2.4245	1	6			
		33	3	C	B	-65.627	.84804	.20090	.00899	-1.1247	-3.2771	1	2	3	5	
2569	2	2	2		A	-32.073	.20713	-.04964	.00686	.20859	-.53952	1	2	3		
		1	3	C	B	14.756	1.0373	-.22624	.01005	1.1148	-3.3489	1	4			
		2	3	C	B	-63.309	-.74058	.14813	.00077	-.81017	2.5742	1	2	3	4	
		3	3	C	B	18.743	-.64436	-.33306	.00765	-.80495	2.7678	1	7			
		4	3	C	B	-67.296	.94108	.25495	.00317	1.1096	-3.5425	1	2	3	7	
		9	3	C	B	9.1464	1.0838	-.23312	.01099	1.1581	-3.4690	1	2	3	4	
		10	3	C	B	-57.699	-.78710	.15500	-.00015	-.85344	2.6942	1	4			

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.				
		31	3	C	B	6.9954	1.0071	-.13571	.01125	1.0941	-3.1992	1	2	3	6	
		32	3	C	B	-55.548	-.71039	.05759	-.00042	-.78944	2.4245	1	6			
		33	3	C	B	-65.365	.84804	.20410	.00899	1.0410	-3.2771	1	2	3	5	
2601	1	2	2		A	-91.183	.00376	-.15740	.08488	.03385	.01149	1	2	3		
		10	1		A	-66.805	-.00852	-.13201	.07282	.01930	.00596	1				

		1	3	C	B	49.794	.74656	1.1623	-.82435	-.42844	-.01530	1	7				
		2	3	C	B	-186.69	-.75352	-1.4172	.96367	.47312	.02981	1	2	3	7		
		9	3	C	B	2.5970	.92117	1.1722	-.93783	-.24579	-.00421	1	2	3	4		
		10	3	C	B	-139.49	-.92812	-1.4272	1.0771	.29047	.01872	1	4				
		31	3	C	B	-156.14	-.91973	-1.4445	1.0853	.30041	.02249	1	2	3	4		
		32	3	C	B	19.243	.91277	1.1895	-.94607	-.25573	-.00798	1	4				
2601	2	2	2		A	-90.893	.00376	-.10137	.08488	.02627	.01149	1	2	3			
		10	1		A	-66.515	-.00852	-.08395	.07282	.01536	.00596	1					
		1	3	C	B	50.055	.74656	.64902	-.82435	-.41856	-.01530	1	7				
		2	3	C	B	-186.43	-.75352	-.81203	.96367	.45366	.02981	1	2	3	7		
		9	3	C	B	2.8584	.92117	.58540	-.93783	-.24378	-.00421	1	2	3	4		
		10	3	C	B	-139.23	-.92812	-.74841	1.0771	.27888	.01872	1	4				
		31	3	C	B	-155.87	-.91973	-.76031	1.0853	.28633	.02249	1	2	3	4		
		32	3	C	B	19.505	.91277	.59730	-.94607	-.25123	-.00798	1	4				
2602	1	2	2		A	-114.82	-.01919	-.61566	-.43805	-.07086	-.05215	1	2	3			
		11	1		A	-84.531	-.02618	-.49917	-.37524	-.05126	-.01945	1					
		1	3	C	B	10.784	.86014	-.16641	1.7673	.35155	-.17175	1	7				
		2	3	C	B	-183.62	-.90250	-.81165	-2.4856	-.45721	.11441	1	2	3	7		
		3	3	C	B	18.912	-.78106	-.97275	-2.3579	-.31567	-.17187	1	4				
		4	3	C	B	-191.75	.73870	-.00531	1.6396	.21001	.11453	1	2	3	4		
		7	3	C	B	22.481	-.50404	-.98902	-2.0340	.11560	-.17077	1	6				
		8	3	C	B	-195.32	.46168	.01096	1.3156	-.22126	.11343	1	2	3	6		
		11	3	C	B	-162.94	-.90727	-.73209	-2.4427	-.44382	.13673	1	7				
		12	3	C	B	-9.8992	.86491	-.24596	1.7244	.33816	-.19408	1	2	3	7		
		29	3	C	B	-171.06	.73393	.07424	1.6825	.22340	.13685	1	4				
		30	3	C	B	-1.7715	-.77629	-1.0523	-2.4008	-.32906	-.19420	1	2	3	4		
2602	2	2	2		A	-114.53	-.01919	-.90478	-.43805	-.03644	-.05215	1	2	3			
		11	1		A	-84.240	-.02618	-.74683	-.37524	-.03842	-.01945	1					
		1	3	C	B	14.903	.63016	.69388	1.4460	.39534	-.17062	1	5				
		2	3	C	B	-187.22	-.67251	-2.1460	-2.1643	-.46315	.11328	1	2	3	5		
		5	3	C	B	19.173	-.78106	-2.4616	-2.3579	-.39820	-.17187	1	4				
		6	3	C	B	-191.49	.73870	1.0094	1.6396	.33039	.11453	1	2	3	4		
		7	3	C	B	22.742	-.50404	-2.3227	-2.0340	.22634	-.17077	1	6				
		8	3	C	B	-195.06	.46168	.87055	1.3156	-.29415	.11343	1	2	3	6		
		9	3	C	B	11.046	.86014	.87139	1.7673	.46448	-.17175	1	7				
		10	3	C	B	-183.36	-.90250	-2.3235	-2.4856	-.53229	.11441	1	2	3	7		
		11	3	C	B	-162.67	-.90727	-2.2156	-2.4427	-.53364	.13673	1	7				
		12	3	C	B	-9.6379	.86491	.76353	1.7244	.46583	-.19408	1	2	3	7		
		29	3	C	B	-170.80	.73393	1.1173	1.6825	.32904	.13685	1	4				
		30	3	C	B	-1.5101	-.77629	-2.5695	-2.4008	-.39685	-.19420	1	2	3	4		
2614	1	2	2		A	-70.173	.17904	-.00698	-.01774	-.79275	1.2408	1	2	3			
		1	3	C	B	-10.332	-.76503	.29342	-.00273	.89658	-3.6756	1	7				
		2	3	C	B	-98.572	1.0215	-.30307	-.02530	-2.1297	5.5590	1	2	3	7		
		4	3	C	B	-91.849	-.22355	-.11372	-.02912	-.20961	-.25602	1	2	3	6		
		11	3	C	B	-94.371	-.56323	-.20095	-.02802	-1.7036	4.1218	1	2	3	4		
		12	3	C	B	-14.533	.81970	.19130	-.00001	.47046	-2.2383	1	4				
		33	3	C	B	-85.647	.73532	-.25291	-.00152	-1.6849	4.3807	1	5				
		34	3	C	B	-23.258	-.47885	.24326	-.02651	.45177	-2.4972	1	2	3	5		
2614	2	2	2		A	-69.883	.17904	-.01869	-.01774	-1.6117	1.2408	1	2	3			
		1	3	C	B	-10.071	-.76503	.29145	-.00273	3.3212	-3.6756	1	7				
		2	3	C	B	-98.311	1.0215	-.31961	-.02530	-5.7975	5.5590	1	2	3	7		
		3	3	C	B	-16.794	.48002	.10408	.00109	-2.4345	2.1394	1	6				
		4	3	C	B	-91.587	-.22355	-.13224	-.02912	-.04174	-.25602	1	2	3	6		
		11	3	C	B	-94.110	-.56323	-.21751	-.02802	-4.4218	4.1218	1	2	3	4		
		12	3	C	B	-14.272	.81970	.18935	-.00001	1.9455	-2.2383	1	4				
		33	3	C	B	-85.385	.73532	-.26776	-.00152	-4.5761	4.3807	1	5				
		34	3	C	B	-22.996	-.47885	.23960	-.02651	2.0998	-2.4972	1	2	3	5		

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.					
2617	1	2	2		A	-49.457	.11481	-.09351	.04307	.17836	-.17598	1	2	3			
		1	3	C	B	70.446	.71702	-.28691	.01167	.50492	-.23734	1	7				
		2	3	C	B	-147.67	-.55540	.14336	.05739	-.24500	-.01201	1	2	3	7		
		9	3	C	B	63.236	.74455	-.30205	.01685	.54229	-.27855	1	2	3	7		
		10	3	C	B	-140.46	-.58293	.15851	.05221	-.28237	.02920	1	7				
		31	3	C	B	-69.237	.39942	.02581	.10735	.23837	-.16829	1	2	3	6		
		32	3	C	B	-7.9910	-.23780	-.16936	-.03829	.02155	-.08105	1	6				
2617	2	2	2		A	-49.166	.11481	-.06508	.04307	.29451	-.17598	1	2	3			
		1	3	C	B	70.708	.71702	-.27683	.01167	.66132	-.23734	1	7				
		2	3	C	B	-147.41	-.55540	.17887	.05739	-.23683	-.01201	1	2	3	7		
		9	3	C	B	63.498	.74455	-.28856	.01685	.72589	-.27855	1	2	3	7		
		10	3	C	B	-140.20	-.58293	.19060	.05221	-.30140	.02920	1	7				
		31	3	C	B	-68.975	.39942	.09521	.10735	.34379	-.16829	1	2	3	6		
		32	3	C	B	-7.7296	-.23780	-.19318	-.03829	.08069	-.08105	1	6				
2618	1	2	2		A	-47.766	.11356	.01243	-.03829	-.21447	.11841	1	2	3			
		1	3	C	B	71.402	.44759	.21401	-.04081	-.50384	.22752	1	7				
		2	3	C	B	-145.03	-.28979	-.19768	-.01909	.18784	-.07107	1	2	3	7		
		9	3	C	B	-19.361	.70044	-.06533	-.08453	-.36259	.12875	1	2	3	6		
		10	3	C	B	-54.269	-.54265	.08166	.02462	.04659	.02770	1	6				
		11	3	C	B	30.900	-.56291	.14290	.01536	-.39986	.16272	1	4				
		12	3	C	B	-104.53	.72070	-.12657	-.07527	.08386	-.00627	1	2	3	4		
		27	3	C	B	63.854	.47609	.21771	-.04633	-.54665	.26218	1	2	3	7		
		28	3	C	B	-137.48	-.31829	-.20138	-.01357	.23065	-.10572	1	7				
2618	2	2	2		A	-47.475	.11356	-.01283	-.03829	-.29262	.11841	1	2	3			
		1	3	C	B	71.663	.44759	.18907	-.04081	-.65380	.22752	1	7				
		2	3	C	B	-144.77	-.28979	-.21228	-.01909	.23454	-.07107	1	2	3	7		
		9	3	C	B	-19.100	.70044	-.11842	-.08453	-.44396	.12875	1	2	3	6		
		10	3	C	B	-54.007	-.54265	.09522	.02462	.02469	.02770	1	6				
		11	3	C	B	31.161	-.56291	.13460	.01536	-.50271	.16272	1	4				
		12	3	C	B	-104.26	.72070	-.15780	-.07527	.08345	-.00627	1	2	3	4		
		27	3	C	B	64.115	.47609	.18913	-.04633	-.71950	.26218	1	2	3	7		
		28	3	C	B	-137.22	-.31829	-.21234	-.01357	.30023	-.10572	1	7				

2621	1	2	2		A	-31.349	.15960	-.04964	.01071	.22646	-.57527	1	2	3			
		1	3	C	B	11.368	-.60093	-.22624	-.00795	1.2264	-3.5885	1	4				
		2	3	C	B	-58.858	.82742	.14813	.02452	-.89617	2.7625	1	2	3	4		
		3	3	C	B	16.262	-.44759	-.33306	-.00280	-.89777	2.9818	1	7				
		4	3	C	B	-63.752	.67409	.25495	.01936	1.2281	-3.8078	1	2	3	7		
		31	3	C	B	8.4156	-.30381	-.28909	.02205	-.77297	2.5657	1	2	3	5		
		32	3	C	B	-55.905	.53031	.21098	-.00548	1.1033	-3.3917	1	5				
		33	3	C	B	-56.086	-.48451	.05072	.02643	-.82317	2.4685	1	2	3	6		
		34	3	C	B	8.5965	.71101	-.12883	-.00986	1.1535	-3.2945	1	6				
2621	2	2	2		A	-31.058	.15960	-.04257	.01071	.60614	-.57527	1	2	3			
		1	3	C	B	11.630	-.60093	-.22801	-.00795	3.5929	-3.5885	1	4				
		2	3	C	B	-58.597	.82742	.16083	.02452	-2.7174	2.7625	1	2	3	4		
		3	3	C	B	16.524	-.44759	-.33444	-.00280	-2.8641	2.9818	1	7				
		4	3	C	B	-63.491	.67409	.26726	.01936	3.7396	-3.8078	1	2	3	7		
		31	3	C	B	8.6769	-.30381	-.28950	.02205	-2.4653	2.5657	1	2	3	5		
		32	3	C	B	-55.644	.53031	.22232	-.00548	3.3407	-3.3917	1	5				
		33	3	C	B	-55.825	-.48451	.06700	.02643	-2.4520	2.4685	1	2	3	6		
		34	3	C	B	8.8578	.71101	-.13418	-.00986	3.3275	-3.2945	1	6				
2653	1	2	2		A	-92.432	-.00008	-.09864	.08652	.02627	.09625	1	2	3			
		11	1		A	-67.529	-.01230	-.08161	.07368	.01536	.05427	1					
		1	3	C	B	41.674	.78432	.62418	-.86103	-.41856	.22581	1	7				
		2	3	C	B	-180.23	-.79812	-.78272	1.0024	.45366	-.09945	1	2	3	7		
		9	3	C	B	-3.2871	.97236	.55757	-.96204	-.24378	.20215	1	2	3	4		
		10	3	C	B	-135.27	-.98616	-.71611	1.1034	.27888	-.07579	1	4				
		27	3	C	B	24.668	.79267	.61255	-.85226	-.41111	.25448	1	2	3	7		
		28	3	C	B	-163.22	-.80647	-.77109	.99366	.44622	-.12812	1	7				
		31	3	C	B	-152.27	-.97782	-.72774	1.1122	.28633	-.04712	1	2	3	4		
		32	3	C	B	13.718	.96401	.56920	-.97080	-.25123	.17348	1	4				
2653	2	2	2		A	-92.141	-.00008	-.04154	.08652	-.03726	.09625	1	2	3			

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.					
		11	1		A	-67.238	-.01230	-.03298	.07368	-.02045	.05427	1					
		1	3	C	B	41.935	.78432	-.33405	-.86103	-.56735	.22581	1	7				
		2	3	C	B	-179.97	-.79812	.26884	1.0024	.51906	-.09945	1	2	3	7		
		9	3	C	B	-3.0258	.97236	-.34497	-.96204	-.37239	.20215	1	2	3	4		
		10	3	C	B	-135.00	-.98616	.27976	1.1034	.32409	-.07579	1	4				
		27	3	C	B	24.930	.79267	-.33990	-.85226	-.57883	.25448	1	2	3	7		
		28	3	C	B	-162.96	-.80647	.27468	.99366	.53053	-.12812	1	7				
		31	3	C	B	-152.01	-.97782	.27392	1.1122	.31261	-.04712	1	2	3	4		
		32	3	C	B	13.979	.96401	-.33913	-.97080	-.36091	.17348	1	4				
2654	1	2	2		A	-121.98	.08817	-.92194	-.56711	-.03644	.49103	1	2	3			
		14	1		A	-89.436	.06282	-.76143	-.48163	-.03842	.29716	1					
		1	3	C	B	6.6804	.54558	.74542	1.6284	.39534	.75398	1	5				
		2	3	C	B	-189.89	-.41518	-2.2256	-2.5537	-.46315	-.08670	1	2	3	5		
		5	3	C	B	11.648	-.50276	-2.5481	-2.7563	-.39820	-.15188	1	4				
		6	3	C	B	-194.85	.63316	1.0679	1.8309	.33039	.81916	1	2	3	4		
		7	3	C	B	16.049	-.25871	-2.3986	-2.3774	.22634	.58473	1	6				
		8	3	C	B	-199.25	.38912	.91842	1.4521	-.29415	.08255	1	2	3	6		
		9	3	C	B	-20.411	.75122	.82471	1.9428	.46583	.95844	1	2	3	7		
		10	3	C	B	-162.79	-.62082	-2.3049	-2.8681	-.53364	-.29116	1	7				
		11	3	C	B	-185.02	-.60350	-2.4145	-2.9265	-.53229	-.15877	1	2	3	7		
		12	3	C	B	1.8113	.73391	.93432	2.0012	.46448	.82605	1	7				
		15	3	C	B	-177.03	.37180	1.0280	1.5105	-.29549	-.04984	1	6				
		16	3	C	B	-6.1731	-.24140	-2.5082	-2.4358	.22768	.71712	1	2	3	6		
2654	2	2	2		A	-121.68	.08817	-1.2962	-.56711	-.36053	.49103	1	2	3			
		14	1		A	-89.146	.06282	-1.0793	-.48163	-.23454	.29716	1					
		1	3	C	B	2.0726	.73391	2.2449	2.0012	-.08050	.82605	1	7				
		2	3	C	B	-184.75	-.60350	-4.3358	-2.9265	-.42771	-.15877	1	2	3	7		
		5	3	C	B	11.909	-.50276	-4.3557	-2.7563	-.29935	-.15188	1	4				
		6	3	C	B	-194.59	.63316	2.2648	1.8309	-.20886	.81916	1	2	3	4		
		7	3	C	B	16.311	-.25871	-3.9659	-2.3774	-.15906	.58473	1	6				
		8	3	C	B	-198.99	.38912	1.8750	1.4521	-.34915	.08255	1	2	3	6		
		9	3	C	B	-20.150	.75122	2.0968	1.9428	-.16653	.95844	1	2	3	7		
		10	3	C	B	-162.53	-.62082	-4.1877	-2.8681	-.34168	-.29116	1	7				
		15	3	C	B	-176.77	.37180	2.0231	1.5105	-.26312	-.04984	1	6				
		16	3	C	B	-5.9118	-.24140	-4.1140	-2.4358	-.24509	.71712	1	2	3	6		
2666	1	2	2		A	-71.698	-.05150	-.01869	.16914	-1.6573	1.4963	1	2	3			
		14	1		A	-55.767	-.05596	-.01377	.13311	-1.2655	1.1226	1					
		1	3	C	B	-13.581	.23506	.29145	-.00960	3.4541	-4.2663	1	7				
		2	3	C	B	-97.679	-.33276	-.31961	.27380	-5.9997	6.5422	1	2	3	7		
		3	3	C	B	-20.995	.18286	.10408	.00821	-2.5123	2.5338	1	6				
		4	3	C	B	-90.264	-.28055	-.13224	.25599	-.03319	-.25791	1	2	3	6		
		9	3	C	B	-95.192	.04532	-.27112	.26758	-5.0028	5.4144	1	2	3	5		
		10	3	C	B	-16.068	-.14302	.24297	-.00338	2.4573	-3.1385	1	5				
		13	3	C	B	-29.055	.30616	.18599	.02635	1.7588	-2.3281	1	2	3	4		
		14	3	C	B	-82.204	-.40385	-.21415	.23785	-4.3044	4.6040	1	4				
		15	3	C	B	-93.083	-.40080	-.21751	.26245	-4.5720	4.8593	1	2	3	4		
		16	3	C	B	-18.177	.30311	.18935	.00174	2.0264	-2.5833	1	4				
2666	2	2	2		A	-71.408	-.05150	.09293	.16914	-2.6449	1.4963	1	2	3			
		14	1		A	-55.477	-.05596	.07407	.13311	-2.0065	1.1226	1					
		1	3	C	B	-13.320	.23506	.28568	-.00960	6.2696	-4.2663	1	7				
		2	3	C	B	-97.418	-.33276	-.13947	.27380	-10.317	6.5422	1	2	3	7		
		3	3	C	B	-86.539	-.33581	-.15234	.24920	-9.8813	6.2870	1	7				
		4	3	C	B	-24.198	.23811	.29856	.01499	5.8336	-4.0110	1	2	3	7		
		9	3	C	B	-94.930	.04532	-.09992	.26758	-8.5764	5.4144	1	2	3	5		
		10	3	C	B	-15.807	-.14302	.24614	-.00338	4.5286	-3.1385	1	5				
		13	3	C	B	-28.794	.30616	.21440	.02635	3.2949	-2.3281	1	2	3	4		
		14	3	C	B	-81.943	-.40385	-.06819	.23785	-7.3426	4.6040	1	4				
		15	3	C	B	-92.822	-.40080	-.05531	.26245	-7.7786	4.8593	1	2	3	4		
		16	3	C	B	-17.916	.30311	.20153	.00174	3.7309	-2.5833	1	4				
2669	1	2	2		A	-55.443	.04705	-.06336	.02297	.28100	.87457	1	2	3			
		32	1		A	-43.126	.02476	-.04680	.00402	.19056	.59408	1					
		1	3	C	B	62.694	.66124	-.26736	.34594	.64461	.88617	1	7				

		2	3	C	B	-148.73	-.60144	.17181	-.32576	-.23983	.37471	1	2	3	7			

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ЭЛМ	НС	КРТ	СТ	КС	N	МК	МУ	QZ	MZ	QY	ЗАГРУЖЕНИЯ.			
	9	3	C	B	54.283	.67646	-.27867	.35888	.70637	1.0777	1	2	3	7
	10	3	C	B	-140.32	-.61666	.18311	-.33870	-.30159	.18316	1	7		
	11	3	C	B	15.994	-.52870	-.23161	.24227	.52400	.94035	1	2	3	4
	12	3	C	B	-102.03	.58850	.13605	-.22209	-.11922	.32054	1	4		
	15	3	C	B	24.405	-.54392	-.22030	.22933	.46224	.74880	1	4		
	16	3	C	B	-110.44	.60372	.12475	-.20915	-.05746	.51208	1	2	3	4
2669	2	2	2	A	-55.152	.04705	-.04820	.02297	-.29621	.87457	1	2	3	
	32	1		A	-42.835	.02476	-.04415	.00402	-.20152	.59408	1			
	1	3	C	B	62.955	.66124	-.05848	.34594	.06056	.88617	1	7		
	2	3	C	B	-148.47	-.60144	-.02375	-.32576	-.48797	.37471	1	2	3	7
	9	3	C	B	54.544	.67646	-.06124	.35888	-.00409	1.0777	1	2	3	7
	10	3	C	B	-140.06	-.61666	-.02099	-.33870	-.42331	.18316	1	7		
	11	3	C	B	16.255	-.52870	-.10136	.24227	-.08420	.94035	1	2	3	4
	12	3	C	B	-101.77	.58850	.01912	-.22209	-.34320	.32054	1	4		
	15	3	C	B	24.666	-.54392	-.09860	.22933	-.01954	.74880	1	4		
	16	3	C	B	-110.18	.60372	.01636	-.20915	-.40786	.51208	1	2	3	4
2670	1	2	2	A	-52.831	.08732	-.01507	-.01557	-.28135	-.71639	1	2	3	
	33	1		A	-40.115	.05616	-.01450	-.00241	-.18897	-.45522	1			
	1	3	C	B	64.254	.41549	.17858	-.33796	-.63939	-.78475	1	7		
	2	3	C	B	-145.14	-.29311	-.20508	.32463	.23615	-.21299	1	2	3	7
	9	3	C	B	-15.203	.60636	-.11933	.13434	-.36736	-.47144	1	6		
	10	3	C	B	-65.687	-.48398	.09283	-.14767	-.03587	-.52631	1	2	3	6
	11	3	C	B	-97.643	-.53835	-.15476	.22432	.15023	-.18297	1	4		
	12	3	C	B	16.751	.66073	.12826	-.23765	-.55347	-.81478	1	2	3	4
	13	3	C	B	-23.886	.62764	-.11972	.12535	-.43044	-.64979	1	2	3	6
	14	3	C	B	-57.004	-.50526	.09322	-.13868	.02720	-.34796	1	6		
	28	3	C	B	55.571	.43677	.17820	-.34695	-.70248	-.96311	1	2	3	7
	31	3	C	B	-136.46	-.31439	-.20469	.33362	.29924	-.03464	1	7		
2670	2	2	2	A	-52.541	.08732	-.02535	-.01557	.19147	-.71639	1	2	3	
	33	1		A	-39.825	.05616	-.01609	-.00241	.11147	-.45522	1			
	1	3	C	B	64.515	.41549	-.04489	-.33796	-.12273	-.78475	1	7		
	2	3	C	B	-144.88	-.29311	.00960	.32463	.37801	-.21299	1	2	3	7
	9	3	C	B	-14.941	.60636	-.03403	.13434	-.09473	-.47144	1	6		
	10	3	C	B	-65.426	-.48398	-.00125	-.14767	.35001	-.52631	1	2	3	6
	11	3	C	B	-97.381	-.53835	.00951	.22432	-.10567	-.18297	1	4		
	12	3	C	B	17.013	.66073	-.04480	-.23765	.36095	-.81478	1	2	3	4
	13	3	C	B	-23.625	.62764	-.04035	.12535	-.04011	-.64979	1	2	3	6
	14	3	C	B	-56.743	-.50526	.00506	-.13868	.29539	-.34796	1	6		
	28	3	C	B	55.832	.43677	-.05121	-.34695	-.06810	-.96311	1	2	3	7
	31	3	C	B	-136.20	-.31439	.01592	.33362	.32338	-.03464	1	7		
2673	1	2	2	A	-31.379	.06120	-.04257	-.03614	.62644	-.67295	1	2	3	
	1	3	C	B	8.0219	-.32959	-.22801	.07523	3.7218	-4.1846	1	4		
	2	3	C	B	-55.504	.41171	.16083	-.12762	-2.8172	3.2181	1	2	3	4
	3	3	C	B	13.590	-.26873	-.33444	.08481	-2.9719	3.4787	1	7		
	4	3	C	B	-61.072	.35084	.26726	-.13720	3.8764	-4.4452	1	2	3	7
	9	3	C	B	-50.002	.39455	.16660	-.11988	-2.9536	3.3677	1	4		
	10	3	C	B	2.5200	-.31244	-.23378	.06748	3.8581	-4.3342	1	2	3	4
2673	2	2	2	A	-31.089	.06120	-.06642	-.03614	1.0705	-.67295	1	2	3	
	1	3	C	B	8.2832	-.32959	-.18968	.07523	6.4831	-4.1846	1	4		
	2	3	C	B	-55.242	.41171	.08792	-.12762	-4.9407	3.2181	1	2	3	4
	3	3	C	B	13.852	-.26873	-.27972	.08481	-5.2675	3.4787	1	7		
	4	3	C	B	-60.811	.35084	.17796	-.13720	6.8099	-4.4452	1	2	3	7
	9	3	C	B	-49.740	.39455	.09881	-.11988	-5.1759	3.3677	1	4		
	10	3	C	B	2.7814	-.31244	-.20057	.06748	6.7183	-4.3342	1	2	3	4
2705	1	2	2	A	-99.146	.00333	-.03862	.09700	-.03726	-.59169	1	2	3	
	15	1		A	-72.166	-.01021	-.03048	.08208	-.02045	-.38011	1			
	1	3	C	B	33.118	.79088	-.33249	-.97317	-.56735	-.93192	1	7		
	2	3	C	B	-181.44	-.80001	.27206	1.1311	.51906	.10323	1	2	3	7
	9	3	C	B	7.3214	.98094	-.35310	-1.0801	-.36091	-.71295	1	4		
	10	3	C	B	-155.64	-.99007	.29267	1.2380	.31261	-.11572	1	2	3	4
	11	3	C	B	-137.22	-.99933	.29822	1.2278	.32409	.02875	1	4		
	12	3	C	B	-11.102	.99020	-.35866	-1.0699	-.37239	-.85743	1	2	3	4

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ЭЛМ	НС	КРТ	СТ	КС	N	МК	МУ	QZ	MZ	QY	ЗАГРУЖЕНИЯ.			
	13	3	C	B	-166.99	.56486	-.15522	.93216	.41773	-.00513	1	2	3	5
	14	3	C	B	18.669	-.57400	.09478	-.77422	-.46602	-.82354	1	5		
	27	3	C	B	-163.01	-.80927	.27761	1.1209	.53053	.24772	1	7		
	28	3	C	B	14.694	.80014	-.33805	-.96298	-.57883	-1.0764	1	2	3	7
2705	2	2	2	A	-98.856	.00333	.02540	.09700	.35325	-.59169	1	2	3	
	15	1		A	-71.876	-.01021	.02368	.08208	.23041	-.38011	1			
	1	3	C	B	18.930	-.57400	.51077	-.77422	.07740	-.82354	1	5		
	2	3	C	B	-166.73	.56486	-.46696	.93216	.42122	-.00513	1	2	3	5
	5	3	C	B	33.379	.79088	-.75271	-.97317	.04764	-.93192	1	7		
	6	3	C	B	-181.18	-.80001	.79651	1.1311	.45098	.10323	1	2	3	7
	9	3	C	B	7.5827	.98094	-.93788	-1.0801	.10921	-.71295	1	4		
	10	3	C	B	-155.38	-.99007	.98169	1.2380	.38942	-.11572	1	2	3	4
	11	3	C	B	-136.95	-.99933	.98052	1.2278	.30553	.02875	1	4		
	12	3	C	B	-10.841	.99020	-.93671	-1.0699	.19309	-.85743	1	2	3	4
	27	3	C	B	-162.75	-.80927	.79534	1.1209	.36710	.24772	1	7		
	28	3	C	B	14.955	.80014	-.75154	-.96298	.13153	-1.0764	1	2	3	7
2706	1	2	2	A	-140.07	.25902	-1.2917	-1.1633	-.36053	9.7282	1	2	3	

		14	1		A	-102.18	.20466	-1.0755	-.97755	-.23454	6.4822	1						
		1	3	C	B	-8.7356	.48202	2.2406	3.3525	-.08050	9.2269	1	7					
		2	3	C	B	-201.07	-.07651	-4.3242	-5.2390	-.42771	4.6578	1	2	3	7			
		3	3	C	B	-2.0478	.39986	1.8054	2.7307	-.10168	8.5987	1	5					
		4	3	C	B	-207.76	.00565	-3.8890	-4.6172	-.40653	5.2860	1	2	3	5			
		5	3	C	B	4.3009	-.07897	-4.3423	-4.9729	-.29935	3.7232	1	4					
		6	3	C	B	-214.11	.48448	2.2587	3.0864	-.20886	10.161	1	2	3	4			
		7	3	C	B	10.166	.35349	-3.9537	-4.3521	-.15906	6.6018	1	6					
		8	3	C	B	-219.97	.05201	1.8701	2.4656	-.34915	7.2828	1	2	3	6			
		9	3	C	B	-34.610	.51914	2.0930	3.2256	-.16653	11.443	1	2	3	7			
		14	3	C	B	-175.20	-.11363	-4.1766	-5.1121	-.34168	2.4412	1	7					
		15	3	C	B	-194.10	.01489	2.0177	2.5925	-.26312	5.0662	1	6					
		16	3	C	B	-15.708	.39062	-4.1013	-4.4790	-.24509	8.8184	1	2	3	6			
2706	2	2	2		A	-139.87	.25902	-1.8268	-1.1633	-4.8355	9.7282	1	2	3				
		14	1		A	-101.98	.20466	-1.5252	-.97755	-3.2164	6.4822	1						
		2	3	C	B	-200.89	-.07651	-6.7310	-5.2390	-2.5701	4.6578	1	2	3	7			
		3	3	C	B	-8.5535	.48202	3.7796	3.3525	-4.3250	9.2269	1	7					
		5	3	C	B	10.348	.35349	-5.9553	-4.3521	-3.2018	6.6018	1	6					
		6	3	C	B	-219.79	.05201	3.0039	2.4656	-3.6933	7.2828	1	2	3	6			
		7	3	C	B	4.4830	-.07897	-6.6264	-4.9729	-2.0085	3.7232	1	4					
		8	3	C	B	-213.93	.48448	3.6750	3.0864	-4.8866	10.161	1	2	3	4			
		9	3	C	B	-34.428	.51914	3.5736	3.2256	-5.4307	11.443	1	2	3	7			
		14	3	C	B	-175.02	-.11363	-6.5251	-5.1121	-1.4644	2.4412	1	7					
		15	3	C	B	-193.92	.01489	3.2099	2.5925	-2.5876	5.0662	1	6					
		16	3	C	B	-15.526	.39062	-6.1613	-4.4790	-4.3075	8.8184	1	2	3	6			
		25	3	C	B	-1.8657	.39986	3.0583	2.7307	-4.0585	8.5987	1	5					
		26	3	C	B	-207.58	.00565	-6.0097	-4.6172	-2.8366	5.2860	1	2	3	5			
2717	1	2	2		A	-78.322	-.42341	.09293	-1.9387	-2.6411	2.7466	1	2	3				
		1	3	C	B	-18.183	.66585	.28568	-1.1894	6.2699	-7.2669	1	7					
		2	3	C	B	-103.31	-1.3343	-.13947	-1.8079	-10.311	11.457	1	2	3	7			
		3	3	C	B	-91.401	-1.2771	-.15234	-1.5069	-9.8764	10.997	1	7					
		4	3	C	B	-30.094	.60861	.29856	-1.4904	5.8346	-6.8065	1	2	3	7			
		32	3	C	B	-38.249	-.63394	.12884	-2.0063	-4.6142	4.9701	1	2	3	6			
2717	2	2	2		A	-78.119	-.42341	-.79888	-1.9387	-3.9045	2.7466	1	2	3				
		1	3	C	B	-18.001	.66585	-.36103	-1.1894	9.6127	-7.2669	1	7					
		2	3	C	B	-103.12	-1.3343	-.87155	-1.8079	-15.582	11.457	1	2	3	7			
		3	3	C	B	-91.219	-1.2771	-.74599	-1.5069	-14.935	10.997	1	7					
		4	3	C	B	-29.911	.60861	-.48658	-1.4904	8.9655	-6.8065	1	2	3	7			
		32	3	C	B	-38.067	-.63394	-.81346	-2.0063	-6.8995	4.9701	1	2	3	6			
2720	1	2	2		A	-71.649	.03273	-.04239	2.3088	-.32692	10.878	1	2	3				
		1	3	C	B	59.943	.65870	-.05773	1.9615	.02586	8.3149	1	7					
		2	3	C	B	-170.27	-.62286	-.01583	1.4025	-.49760	7.6142	1	2	3	7			
		9	3	C	B	48.552	.67281	-.05940	2.4455	-.04548	10.547	1	2	3	7			
		11	2		B	-71.649	.03273	-.04239	2.3088	-.32692	10.878	1	2	3				
		14	3	C	B	-158.88	-.63697	-.01416	.91860	-.42625	5.3815	1	7					

РАСЧЕТНЫЕ СОЧЕТАНИЯ

ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.						
		15	3	C	B	7.1536	-.56890	-.09292	3.8906	-.12001	7.4740	1	2	3	4			
		16	3	C	B	-117.48	.60474	.01935	-.52648	-.35172	8.4550	1	4					
		31	3	C	B	-33.681	-.30367	-.10132	4.2992	-.35789	7.4202	1	2	3	6			
		32	3	C	B	-76.652	.33951	.02775	-.93509	-.11385	8.5088	1	6					
2720	2	2	2		A	-71.447	.03273	1.0196	2.3088	-5.3310	10.878	1	2	3				
		6	1		A	-54.765	.01207	.69609	1.6000	-3.7226	7.6091	1						
		1	3	C	B	60.126	.65870	.84762	1.9615	-3.8018	8.3149	1	7					
		2	3	C	B	-170.09	-.62286	.62630	1.4025	-3.9972	7.6142	1	2	3	7			
		3	3	C	B	48.735	.67281	1.0685	2.4455	-4.9002	10.547	1	2	3	7			
		4	3	C	B	-158.70	-.63697	.40534	.91860	-2.8988	5.3815	1	7					
		11	2		B	-71.447	.03273	1.0196	2.3088	-5.3310	10.878	1	2	3				
		15	3	C	B	7.3357	-.56890	1.6979	3.8906	-3.8326	7.4740	1	2	3	4			
		16	3	C	B	-117.30	.60474	-.22404	-.52648	-3.9665	8.4550	1	4					
		31	3	C	B	-33.499	-.30367	1.8766	4.2992	-3.7662	7.4202	1	2	3	6			
		32	3	C	B	-76.470	.33951	-.40270	-.93509	-4.0329	8.5088	1	6					
2721	1	2	2		A	-67.193	.10058	-.02686	-2.0978	.21932	-8.8656	1	2	3				
		1	3	C	B	62.752	.41935	-.04451	-.63746	-.09618	-7.4378	1	7					
		2	3	C	B	-164.78	-.27758	.00725	-2.4112	.39076	-5.1434	1	2	3	7			
		10	3	C	B	-123.15	-.48400	-.00328	.20676	-.01665	-10.182	1	2	3	4			
		12	3	C	B	-33.645	.59894	-.02902	.62021	-.00585	-10.486	1	2	3	6			
		13	3	C	B	-22.082	.57492	-.02224	1.0648	-.06710	-8.4226	1	6					
		14	3	C	B	-79.949	-.43315	-.01501	-4.1135	.36168	-4.1586	1	2	3	6			
		15	3	C	B	-111.59	-.50801	.00349	.65137	-.07790	-8.1180	1	4					
		16	3	C	B	9.5618	.64978	-.04074	-3.7001	.37248	-4.4632	1	2	3	4			
2721	2	2	1		A	-50.057	.06542	-.68243	-1.4467	2.8173	-5.8427	1						
		4	2		A	-66.991	.10058	-.99186	-2.0978	4.2975	-8.8656	1	2	3				
		1	3	C	B	51.370	.44336	-.54251	-1.0820	4.3371	-9.5020	1	2	3	7			
		2	3	C	B	-153.03	-.30159	-.89716	-1.9666	1.7448	-3.0791	1	7					
		3	3	C	B	62.934	.41935	-.33121	-.63746	3.3263	-7.4378	1	7					
		4	3	C	B	-164.60	-.27758	-1.1084	-2.4112	2.7556	-5.1434	1	2	3	7			
		5	3	C	B	21.307	.62577	-1.5082	-3.2555	1.4076	-2.3989	1	4					
		6	3	C	B	-122.97	-.48400	.06852	.20676	4.6743	-10.182	1	2	3	4			
		12	3	C	B	-33.463	.59894	.26071	.62021	4.8188	-10.486	1	2	3	6			
		13	3	C	B	-21.899	.57492	.47201	1.0648	3.8080	-8.4226	1	6					
		14	3	C	B	-79.767	-.43315	-1.9116	-4.1135	2.2739	-4.1586	1	2	3	6			
		15	3	C	B	-111.41	-.50801	.27982	.65137	3.6635	-8.1180	1	4					
		16	3	C	B	9.7439	.64978	-1.7195	-3.7001	2.4184	-4.4632	1	2	3	4			
2724	1	2	2		A	-33.899	-.09149	-.06642	.96791	1.0699	-1.1396	1	2	3				
		1	3	C	B	5.1055	.70738	-.18968	1.1089	6.4814	-7.1562	1	4					
		2	3	C	B	-56.333	-.84753	.08792	.36589	-4.9397	5.5267	1	2	3	4			
		3	3	C	B	11.368	.87407	-.27972	.80565	-5.2709	5.9303	1	7					
		4	3	C	B	-62.597	-1.0142	.17796	.66917	6.8126	-7.5598	1	2	3	7			
		11	3	C	B	-50.349	-.83253	.09881	.20243	-5.1746	5.7846	1	4					
		12	3	C	B	-.87913	.69237	-.20057	1.2723	6.7163	-7.4141	1	2	3	4			
		13	3	C	B	5.3842	.85906	-.29060	.96910	-5.0361	5.6723	1	2	3	7			
		14	3	C	B	-56.612	-.99922	.18884	.50572	6.5777	-7.3018	1	7					

	15	3	C	B	-59.524	-.92589	.13498	1.1625	6.3132	-6.9486	1	2	3	5	
	16	3	C	B	8.2958	.78573	-.23674	.31223	-4.7716	5.3191	1	5			
	31	3	C	B	-4.7442	-.74149	-.00605	1.3682	6.2132	-6.7924	1	2	3	6	
2724	2	2	1	A	-24.932	-.06953	.28464	.72854	1.0765	-.76196	1				
	4	2		A	-33.697	-.09149	.37881	.96791	1.5941	-1.1396	1	2	3		
	1	3	C	B	-.69697	.69237	.53167	1.2723	10.126	-7.4141	1	2	3	4	
	2	3	C	B	-50.166	-.83253	.04499	.20243	-7.8350	5.7846	1	4			
	3	3	C	B	11.551	.87407	.07067	.80565	-7.9987	5.9303	1	7			
	4	3	C	B	-62.415	-1.0142	.50599	.66917	10.289	-7.5598	1	2	3	7	
	7	3	C	B	5.2877	.70738	.46736	1.1089	9.7727	-7.1562	1	4			
	8	3	C	B	-56.151	-.84753	.10929	.36589	-7.4815	5.5267	1	2	3	4	
	13	3	C	B	5.5664	.85906	.13497	.96910	-7.6452	5.6723	1	2	3	7	
	14	3	C	B	-56.430	-.99922	.44168	.50572	9.9364	-7.3018	1	7			
	15	3	C	B	-59.341	-.92589	.51786	1.1625	9.5096	-6.9486	1	2	3	5	
	16	3	C	B	8.4780	.78573	.05879	.31223	-7.2183	5.3191	1	5			
	31	3	C	B	-4.5620	-.74149	.54223	1.3682	9.3374	-6.7924	1	2	3	6	

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РАСЧЕТНЫЕ СОЧЕТАНИЯ

ЭЛМ	НС	КРТ	СТ	КС	N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
2750	1	2	2	A	-115.28	.01310	.02731	.13131	.35325	-9.9016	1 2 3
	15	1		A	-83.519	-.00300	.02499	.11403	.23041	-6.6869	1
	1	3	C	B	10.871	-.53463	.51006	-1.2978	.07740	-8.6724	1 5
	2	3	C	B	-182.90	.54022	-.46349	1.5149	.42122	-5.5592	1 2 3 5
	5	3	C	B	25.129	.74805	-.74413	-1.6769	.04764	-9.2777	1 7
	6	3	C	B	-197.15	-.74246	.79070	1.8940	.45098	-4.9539	1 2 3 7
	10	3	C	B	-10.822	-.52363	.51165	-1.2860	.16129	-10.867	1 2 3 5
	11	3	C	B	-175.46	-.75346	.78912	1.8822	.36710	-2.7587	1 7
	12	3	C	B	3.4356	.75905	-.74254	-1.6651	.13153	-11.473	1 2 3 7
	15	3	C	B	-150.41	-.94632	.97012	2.1105	.30553	-4.0110	1 4
	16	3	C	B	-21.615	.95191	-.92354	-1.8935	.19309	-10.220	1 2 3 4
	31	3	C	B	-172.10	-.93532	.97171	2.1223	.38942	-6.2062	1 2 3 4
	32	3	C	B	.07818	.94091	-.92513	-1.9053	.10921	-8.0254	1 4
2750	2	2	2	A	-115.08	.01310	.08772	.13131	4.9080	-9.9016	1 2 3
	15	1		A	-83.316	-.00300	.07744	.11403	3.3064	-6.6869	1
	1	3	C	B	25.311	.74805	-1.4942	-1.6769	4.3160	-9.2777	1 7
	2	3	C	B	-196.97	-.74246	1.6406	1.8940	2.7292	-4.9539	1 2 3 7
	4	3	C	B	-152.11	.79996	-1.4556	-1.5851	3.7713	-7.5411	1 2 3 6
	10	3	C	B	-10.639	-.52363	-1.0515	-1.2860	5.1623	-10.867	1 2 3 5
	11	3	C	B	-175.28	-.75346	1.6336	1.8822	1.6355	-2.7587	1 7
	12	3	C	B	3.6177	.75905	-1.4871	-1.6651	5.4096	-11.473	1 2 3 7
	13	3	C	B	-182.71	.54022	1.2049	1.5149	2.9765	-5.5592	1 2 3 5
	14	3	C	B	11.054	-.53463	-1.0585	-1.2978	4.0686	-8.6724	1 5
	15	3	C	B	-150.23	-.94632	1.9273	2.1105	2.1449	-4.0110	1 4
	16	3	C	B	-21.433	.95191	-1.7809	-1.8935	4.9002	-10.220	1 2 3 4
	19	3	C	B	-19.551	-.79437	1.6020	1.8021	3.2738	-6.6905	1 6
	31	3	C	B	-171.92	-.93532	1.9343	2.1223	3.2386	-6.2062	1 2 3 4
	32	3	C	B	.26034	.94091	-1.7879	-1.9053	3.8065	-8.0254	1 4

ПРОТОКОЛ РАСЧЕТА от 12/11/2007

Version: 9.2, Processor date: 20/03/2006
Computer: GenuineIntel 2.13GHz, RAM: 2071792 KB
System: Microsoft Windows XP (Workstation), Version 5.1

02:13 65_ Фиксированная память - 256 МБ, виртуальная память - 492 МБ.
02:13 173_ Исходные данные.
Файл C:\PROGRAM FILES\LIRA SOFT\LIRA 9.2\LDATA\HOSP1.TXT
02:13 168_ Ввод исходных данных основной схемы.
02:13 10_ Формирование форматов данных.
02:13 466_ Контроль исходных данных _1. Суперэлемент типа 2000.
02:13 12_ Контроль исходных данных _2. Суперэлемент типа 2000.
02:13 98_ Из системы уравнений исключено 4328 неизвестных.
X-0. Y-0. Z-0. UX-852. UY-1012. UZ-2464.
02:13 1_ Данные записаны в файл расчета
C:\PROGRAM FILES\LIRA SOFT\LIRA 9.2\LWORK\HOSP1#00.HOSP1
02:13 523_ Упорядочение матрицы жесткости основной схемы.
Построение графа матрицы.
02:13 562_ Перенумерация в схеме
02:13 101_ Оптимизация времени расчета суперэлемента 2000.
02:13 520_ Информация о расчетной схеме суперэлемента типа 2000.
- порядок системы уравнений 69115
- ширина ленты 64570
- количество элементов 13460
- количество узлов 11925
- количество загружений 7
- плотность матрицы 1%
- количество суперузлов 0
- размер виртуальной памяти 63870 Kb
- дисковая память : 33.158 M
02:13 522_ Ресурсы необходимые для выполнения расчета
1. Размер виртуальной памяти 8 - 9 M
2. Дисковая память : 387.341 M
форматы данных 11.000 M
матрица жесткости основной схемы 33.158 M
матрицы жесткости суперэлементов 0.000 M
динамика (f04) 153.446 M
перемещения (f07) 54.840 M
усилия (f08) 53.959 M
реакции (f09) 0.000 M
расчетные сочетания (f10) 80.938 M
3. Ориентировочное время расчета 0.93 мин.
Гаусс 0.27 мин.
динамика 0.57 мин.
расчетные сочетания 0.01 мин.
02:13 65_ Фиксированная память - 375 МБ, виртуальная память - 492 МБ.
02:13 575_ Формирование матрицы жесткости основной схемы.
02:13 578_ Разложение матрицы жесткости основной схемы.
Ориентировочное время работы 1 мин.

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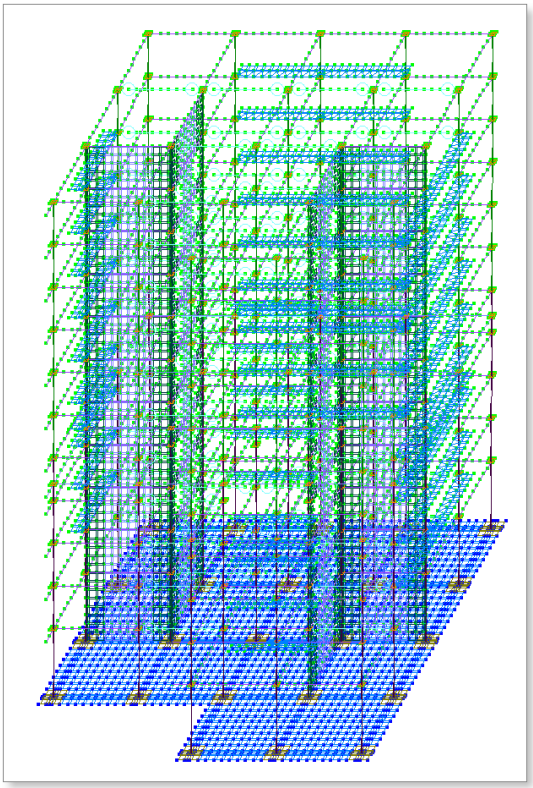
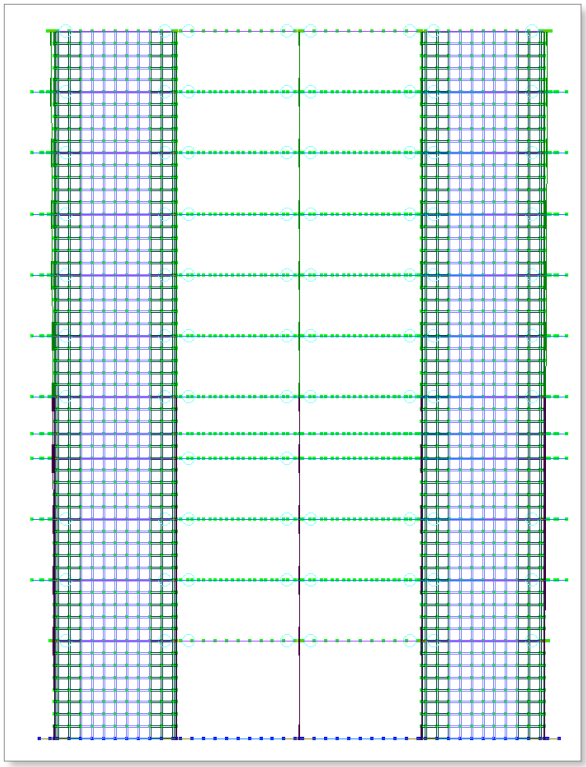
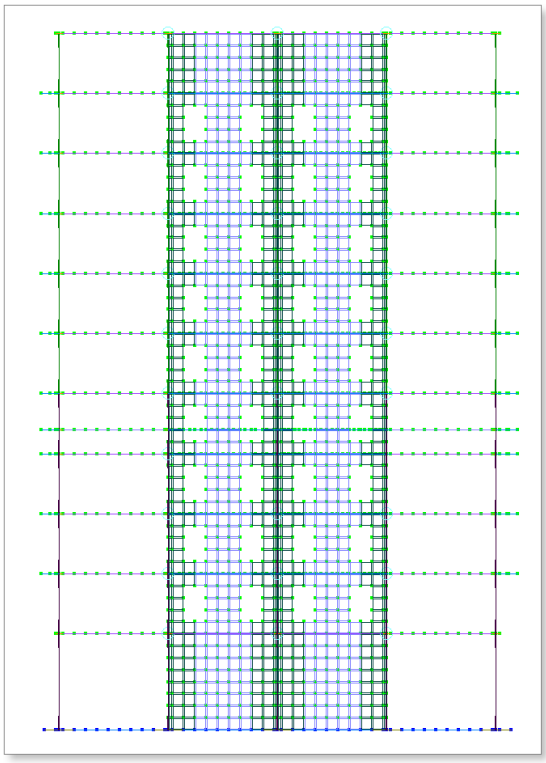
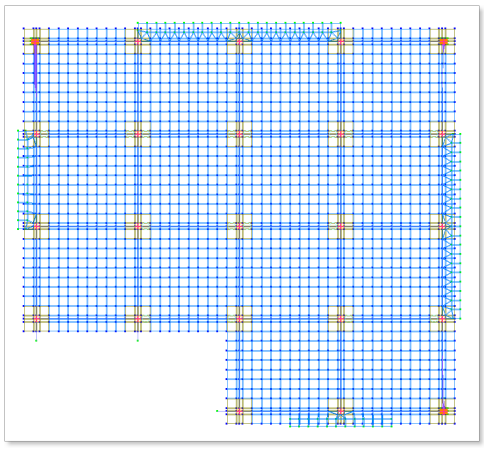
            02:14  569_     Накопление масс
      02:14  536_    Распределение масс для загружения 4
                  Количество активных масс 32343
   |          X         Y         Z         UX        UY        UZ
   |          961.905  961.856  963.593  0         0         0
      02:14  536_    Распределение масс для загружения 5
                  Количество активных масс 32343
   |          X         Y         Z         UX        UY        UZ
   |          961.905  961.856  963.593  0         0         0
      02:14  536_    Распределение масс для загружения 6
                  Количество активных масс 32343
   |          X         Y         Z         UX        UY        UZ
   |          961.905  961.856  963.593  0         0         0
      02:14  536_    Распределение масс для загружения 7
                  Количество активных масс 32343
   |          X         Y         Z         UX        UY        UZ
   |          961.905  961.856  963.593  0         0         0
    02:14   20_    Определение форм колебаний. Загружение 4.
02:14    3_    Итерация 1. Ошибка 9.65E+001%  точность 1.0E-004%.
                 Количество форм 24. Получено форм 0.
                     Достигнутая частота  0.00 Гц.
02:14    3_    Итерация 2. Ошибка 7.40E+001%  точность 1.0E-004%.
                 Количество форм 24. Получено форм 0.
                     Достигнутая частота  0.00 Гц.
02:14    3_    Итерация 3. Ошибка 6.22E+001%  точность 1.0E-004%.
                 Количество форм 24. Получено форм 0.
                     Достигнутая частота  0.00 Гц.
02:14    3_    Итерация 4. Ошибка 1.13E+001%  точность 1.0E-004%.
                 Количество форм 24. Получено форм 2.
                     Достигнутая частота  0.54 Гц.
02:14    3_    Итерация 5. Ошибка 4.07E-001%  точность 1.0E-004%.
                 Количество форм 24. Получено форм 3.
                     Достигнутая частота  0.72 Гц.
02:14    3_    Итерация 6. Ошибка 2.01E-002%  точность 1.0E-004%.
                 Количество форм 24. Получено форм 6.
                     Достигнутая частота  1.01 Гц.
02:14    3_    Итерация 7. Ошибка 2.14E-003%  точность 1.0E-004%.
                 Количество форм 24. Получено форм 19.
                     Достигнутая частота  1.28 Гц.
02:14    3_    Итерация 8. Ошибка 2.04E-004%  точность 1.0E-004%.
                 Количество форм 24. Получено форм 23.
                     Достигнутая частота  1.43 Гц.
02:14    3_    Итерация 9. Ошибка 1.47E-005%  точность 1.0E-004%.
                 Количество форм 24. Получено форм 24.
                     Достигнутая частота  1.51 Гц.
        02:14  158_    Количество выполненных итераций 9
     02:14   20_    Определение форм колебаний. Загружение 5.
     02:14   20_    Определение форм колебаний. Загружение 6.
     02:14   20_    Определение форм колебаний. Загружение 7.
     02:14  567_    Вычисление динамических сил. Загружение 4
     02:14  567_    Вычисление динамических сил. Загружение 5
     02:14  567_    Вычисление динамических сил. Загружение 6
     02:14  567_    Вычисление динамических сил. Загружение 7
        02:14  502_    Накопление нагрузок основной схемы.
   02:14   37_    Суммарные узловые нагрузки на основную схему
             X         Y         Z         UX        UY        UZ
    1-     3.029-7   0.0       8.851+3  -1.409-2  -3.380-3   0.0
    2-     0.0       0.0       1.345+3  -5.219-3  -1.297-3   0.0
    3-     0.0       0.0       1.018+3  -3.914-3  -9.726-4   0.0
    4-  1  1.250+1  -1.343    -1.119-1   0.0       0.0       0.0
    4-  2  1.385+2  -1.879+2   1.107-1   0.0       0.0       0.0
    4-  3  2.337+2   1.746+2   2.325     0.0       0.0       0.0
    4-  4  1.076+1   6.795    -3.996-2   0.0       0.0       0.0
    4-  5  9.310     6.816     1.086-1   0.0       0.0       0.0
    4- 24  6.288+1  -1.368+1  -1.055     0.0       0.0       0.0
    5-  1 -1.343     1.443-1   1.203-2   0.0       0.0       0.0
    5-  2 -1.879+2   2.548+2  -1.502-1   0.0       0.0       0.0
    5-  3  1.746+2   1.304+2   1.737     0.0       0.0       0.0
    6-  1  7.888    -8.473-1  -7.062-2   0.0       0.0       0.0
    6-  2 -3.488+1   4.730+1  -2.788-2   0.0       0.0       0.0
    6-  3  2.887+2   2.156+2   2.872     0.0       0.0       0.0
    6-  4  1.241+1   7.838    -4.610-2   0.0       0.0       0.0
    6-  5  1.140+1   8.350     1.330-1   0.0       0.0       0.0
    6- 24  3.475+1  -7.563    -5.831-1   0.0       0.0       0.0
    7-  1 -9.793     1.052     8.767-2   0.0       0.0       0.0
    7-  2 -2.307+2   3.129+2  -1.845-1   0.0       0.0       0.0
    7-  3 -4.176+1  -3.119+1  -4.154-1   0.0       0.0       0.0
    7- 24 -5.416+1   1.178+1   9.086-1   0.0       0.0       0.0
     02:14  580_    Вычисление перемещений в основной схеме.
           02:14  268_  Загружение. Работа внешних сил
                              1     2.873+1
                               2     1.090
                              3     6.252-1
                              4- 1  4.648-1
                               4- 2  3.564
                               4- 3  3.311
                              4- 4  1.252-1
                              4- 5  1.027-1
                              4-24  4.261-1
                              5- 1  5.363-3
                               5- 2  6.554
                               5- 3  1.847
                              6- 1  1.850-1
                              6- 2  2.259-1
                               6- 3  5.052
                              6- 4  1.665-1
                              6- 5  1.541-1
                              6-24  1.302-1
                              7- 1  2.851-1
                               7- 2  9.888
                              7- 3  1.057-1
                              7-24  3.161-1
        02:14  586_    Вычисление усилий в основной схеме.
02:14  604_    Выбор расчетных сочетаний усилий в основной схеме.
         02:15   39_    Контроль решения основной схемы.
   02:15    7_    ЗАДАНИЕ  ВЫПОЛНЕНО.   Время расчета 2.03 мин.
```

ვარიანტი 2 - გაძლიერებული შენობა

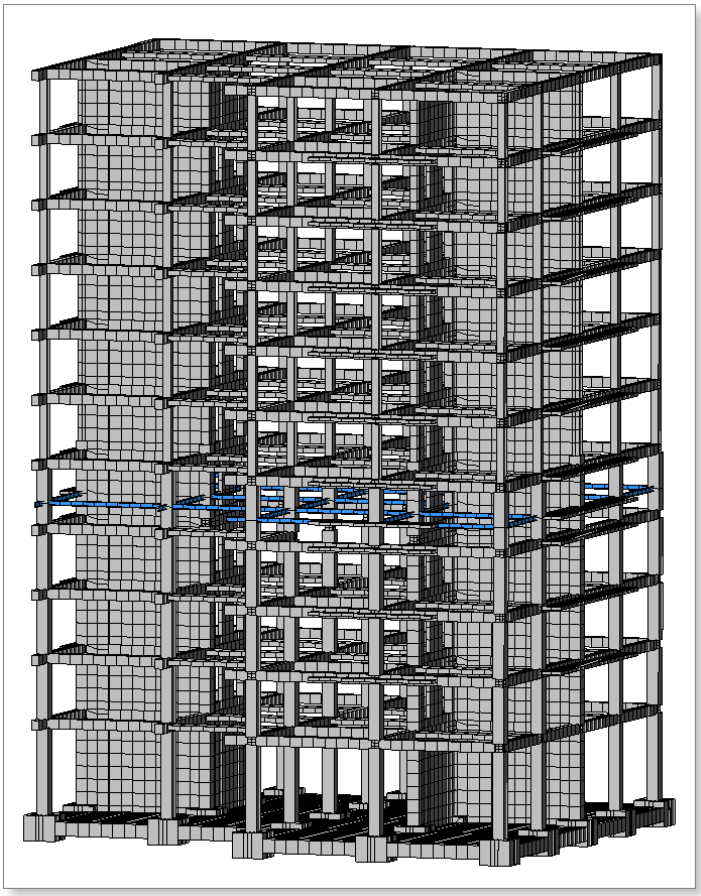


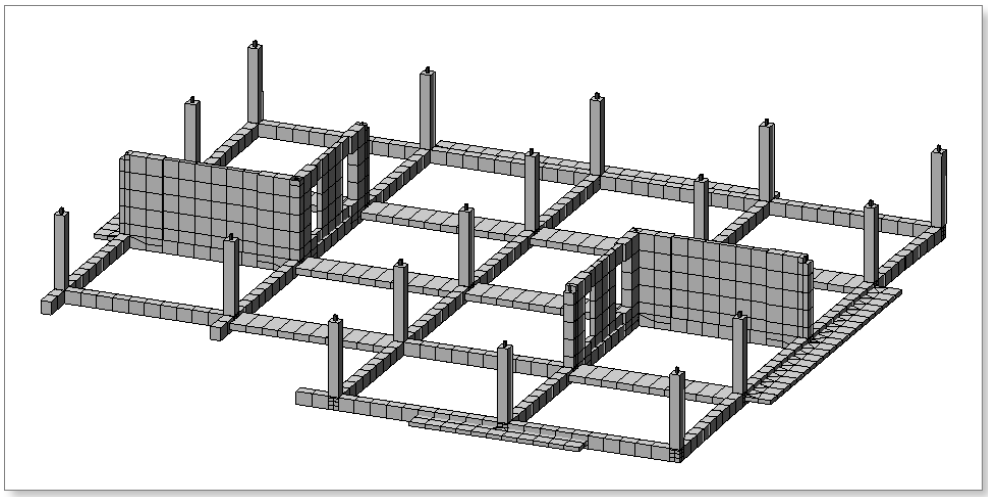




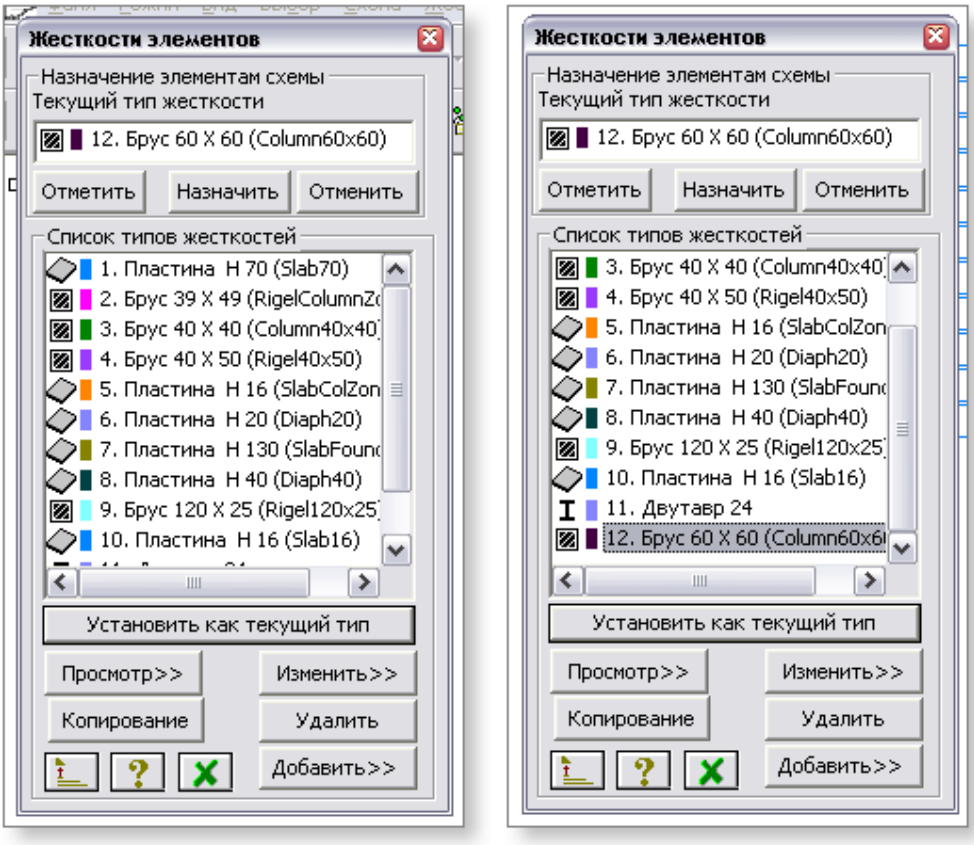


საანგარიშო მოდელი





საანგარიშო მოდელი



სიხისტის ტიპები

Тип жесткости	Имя	Параметры (сечения-(см) жесткости-(тс,м) расп.вес-(тс,м))
1	Пластина H 70 (Slab70)	E=2.45e+006,V=0.2,H=70,Ro=0
		C1=5000,C2=3500
2	Брус 39 X 49 (RigelColumnZone)	Ro=0,E=2.45e+008,GF=1
		B=39,H=49
		EF=4.68195e+007,EIy=936780
		EIz=5.93e+005,GIk=5.31e+005
		GFy=1.63e+007,GFz=1.63e+007
		Y1=0.065,Y2=0.065,Z1=0.0817,Z2=0.0817
3	Брус 40 X 40 (Column40x40)	Ro=0,E=2.45e+006,GF=1
		B=40,H=40
		EF=392000,EIy=5226.67
		EIz=5.23e+003,GIk=3.66e+003
		GFy=1.36e+005,GFz=1.36e+005
		Y1=0.0667,Y2=0.0667,Z1=0.0667,Z2=0.0667
4	Брус 40 X 50 (Rigel40x50)	Ro=0,E=2.45e+006,GF=1
		B=40,H=50
		EF=490000,EIy=10208.3
		EIz=6.53e+003,GIk=5.82e+003
		GFy=1.7e+005,GFz=1.7e+005
		Y1=0.0667,Y2=0.0667,Z1=0.0833,Z2=0.0833

5	Пластина H 16 (SlabColZone)	E=2.45e+008,V=0.2,H=16,Ro=0
6	Пластина H 20 (Diaph20)	E=2.45e+006,V=0.2,H=20,Ro=0
7	Пластина H 130 (SlabFound130)	E=2.45e+006,V=0.2,H=130,Ro=0
		C1=5000,C2=3500
8	Пластина H 40 (Diaph40)	E=2.45e+006,V=0.2,H=40,Ro=0
9	Брус 120 X 25 (Rigel120x25)	Ro=0,E=2.45e+006,GF=1
		B=120,H=25
		EF=735000,EIy=3828.12
		EIz=8.82e+004,GIk=5.58e+003
		GFy=2.55e+005,GFz=2.55e+005
		Y1=0.2,Y2=0.2,Z1=0.0417,Z2=0.0417
10	Пластина H 16 (Slab16)	E=2.45e+006,V=0.2,H=16,Ro=0
		C1=5000,C2=3500
11	Двутавр 24	q=0.0273
		EF=73101.4,EIy=727
		EIz=41.6,GIk=0.883
		Y1=0.0099,Y2=0.0099,Z1=0.0829,Z2=0.0829
12	Брус 60 X 60 (Column60x60)	Ro=0,E=2.45e+006,GF=1
		B=60,H=60
		EF=882000,EIy=26460
		EIz=2.65e+004,GIk=1.85e+004
		GFy=3.06e+005,GFz=3.06e+005
		Y1=0.1,Y2=0.1,Z1=0.1,Z2=0.1

СОБСТВЕННЫЕ ЗНАЧЕНИЯ, ЧАСТОТЫ, ПЕРИОДЫ КОЛЕБАНИЙ, ЗАГРУЖЕНИЯ 4

N П/П	СОБСТВ. ЗНАЧЕНИЯ	ЧАСТОТЫ РАД/С	ЧАСТОТЫ ГЦ	ПЕРИОДЫ С	КОЭФФИЦИЕНТ РАСПРЕДЕЛЕНИЯ	МОДАЛЬНАЯ МАССА В %	
1	0.287580	3.48	0.55	1.8060	-0.377793	2.9	2.9
2	0.257611	3.88	0.62	1.6178	-0.820918	27.5	30.4
3	0.196736	5.08	0.81	1.2355	-2.228192	36.2	66.6
4	0.172991	5.78	0.92	1.0864	-0.819403	0.1	66.7
5	0.158758	6.30	1.00	0.9970	0.991723	0.9	67.6
6	0.152733	6.55	1.04	0.9592	0.234125	0.0	67.6
7	0.152463	6.56	1.04	0.9575	-0.515170	0.1	67.7
8	0.152056	6.58	1.05	0.9549	-0.638039	0.1	67.8
9	0.151861	6.58	1.05	0.9537	-0.482588	0.1	67.9
10	0.151610	6.60	1.05	0.9521	0.149998	0.0	67.9
11	0.151504	6.60	1.05	0.9514	-0.268153	0.0	67.9
12	0.151359	6.61	1.05	0.9505	0.008502	0.0	67.9
13	0.149892	6.67	1.06	0.9413	-1.175501	0.6	68.4
14	0.138807	7.20	1.15	0.8717	0.257168	0.0	68.4
15	0.138338	7.23	1.15	0.8688	-0.433283	0.0	68.5
16	0.137595	7.27	1.16	0.8641	0.414711	0.0	68.5
17	0.134282	7.45	1.19	0.8433	0.526315	0.0	68.5
18	0.123635	8.09	1.29	0.7764	0.081596	0.0	68.5
19	0.118587	8.43	1.34	0.7447	0.294667	0.0	68.5
20	0.118531	8.44	1.34	0.7444	-0.045071	0.0	68.5
21	0.116281	8.60	1.37	0.7302	0.025964	0.0	68.5
22	0.113092	8.84	1.41	0.7102	0.442382	0.2	68.7
23	0.097487	10.26	1.63	0.6122	0.247748	0.7	69.4
24	0.094192	10.62	1.69	0.5915	0.769380	6.4	75.8

СОБСТВЕННЫЕ ЗНАЧЕНИЯ, ЧАСТОТЫ, ПЕРИОДЫ КОЛЕБАНИЙ, ЗАГРУЖЕНИЯ 5

N П/П	СОБСТВ. ЗНАЧЕНИЯ	ЧАСТОТЫ РАД/С	ЧАСТОТЫ ГЦ	ПЕРИОДЫ С	КОЭФФИЦИЕНТ РАСПРЕДЕЛЕНИЯ	МОДАЛЬНАЯ МАССА В %	
1	0.287580	3.48	0.55	1.8060	0.063878	0.1	0.1
2	0.257611	3.88	0.62	1.6178	0.983156	39.4	39.5
3	0.196736	5.08	0.81	1.2355	-1.933491	27.2	66.8
4	0.172991	5.78	0.92	1.0864	-0.776216	0.1	66.9
5	0.158758	6.30	1.00	0.9970	0.797679	0.6	67.5
6	0.152733	6.55	1.04	0.9592	0.327097	0.0	67.5
7	0.152463	6.56	1.04	0.9575	0.114237	0.0	67.5
8	0.152056	6.58	1.05	0.9549	-0.116406	0.0	67.5
9	0.151861	6.58	1.05	0.9537	-0.065731	0.0	67.5
10	0.151610	6.60	1.05	0.9521	0.002085	0.0	67.5
11	0.151504	6.60	1.05	0.9514	-0.162951	0.0	67.5
12	0.151359	6.61	1.05	0.9505	-0.011078	0.0	67.5
13	0.149892	6.67	1.06	0.9413	-1.014611	0.4	67.9
14	0.138807	7.20	1.15	0.8717	0.424057	0.0	68.0
15	0.138338	7.23	1.15	0.8688	-0.218366	0.0	68.0
16	0.137595	7.27	1.16	0.8641	-0.415629	0.0	68.0
17	0.134282	7.45	1.19	0.8433	-0.127695	0.0	68.0
18	0.123635	8.09	1.29	0.7764	-0.490498	0.0	68.0
19	0.118587	8.43	1.34	0.7447	-0.699197	0.0	68.0
20	0.118531	8.44	1.34	0.7444	0.233796	0.0	68.0
21	0.116281	8.60	1.37	0.7302	0.662394	0.0	68.1
22	0.113092	8.84	1.41	0.7102	0.123894	0.0	68.1
23	0.097487	10.26	1.63	0.6122	0.035236	0.0	68.1
24	0.094192	10.62	1.69	0.5915	-0.057144	0.0	68.1

СОБСТВЕННЫЕ ЗНАЧЕНИЯ, ЧАСТОТЫ, ПЕРИОДЫ КОЛЕБАНИЙ, ЗАГРУЖЕНИЯ 6

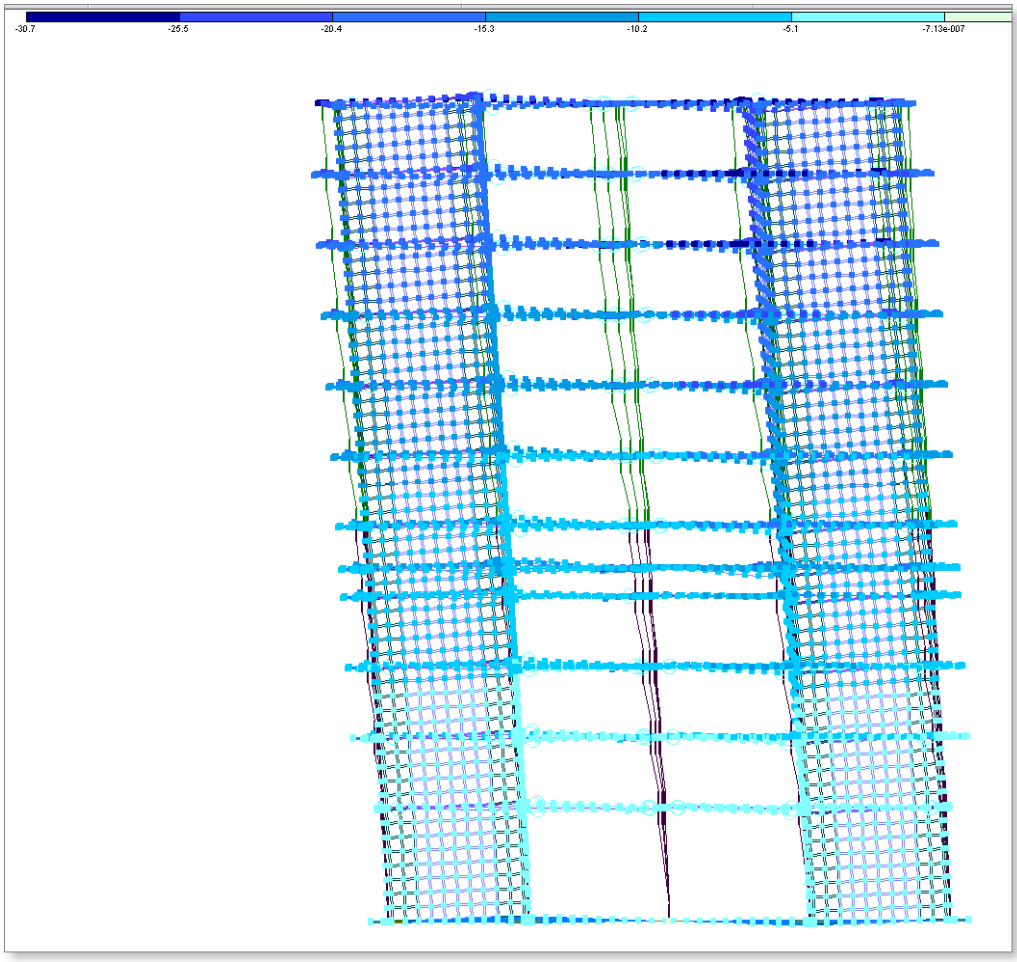
N П/П	СОБСТВ. ЗНАЧЕНИЯ	ЧАСТОТЫ РАД/С	ЧАСТОТЫ ГЦ	ПЕРИОДЫ С	КОЭФФИЦИЕНТ РАСПРЕДЕЛЕНИЯ	МОДАЛЬНАЯ МАССА В %	
1	0.287580	3.48	0.55	1.8060	-0.221889	1.0	1.0
2	0.257611	3.88	0.62	1.6178	0.114682	0.5	1.5
3	0.196736	5.08	0.81	1.2355	-2.942852	63.1	64.6
4	0.172991	5.78	0.92	1.0864	-1.128813	0.2	64.8
5	0.158758	6.30	1.00	0.9970	1.265189	1.5	66.4
6	0.152733	6.55	1.04	0.9592	0.397026	0.0	66.4
7	0.152463	6.56	1.04	0.9575	-0.283108	0.0	66.4
8	0.152056	6.58	1.05	0.9549	-0.533300	0.1	66.5
9	0.151861	6.58	1.05	0.9537	-0.387563	0.0	66.5
10	0.151610	6.60	1.05	0.9521	0.107471	0.0	66.5
11	0.151504	6.60	1.05	0.9514	-0.304830	0.0	66.5
12	0.151359	6.61	1.05	0.9505	-0.001838	0.0	66.5
13	0.149892	6.67	1.06	0.9413	-1.548686	1.0	67.5
14	0.138807	7.20	1.15	0.8717	0.481911	0.0	67.6
15	0.138338	7.23	1.15	0.8688	-0.460880	0.0	67.6
16	0.137595	7.27	1.16	0.8641	-0.001027	0.0	67.6
17	0.134282	7.45	1.19	0.8433	0.281675	0.0	67.6
18	0.123635	8.09	1.29	0.7764	-0.289154	0.0	67.6
19	0.118587	8.43	1.34	0.7447	-0.285706	0.0	67.6
20	0.118531	8.44	1.34	0.7444	0.132955	0.0	67.6
21	0.116281	8.60	1.37	0.7302	0.486716	0.0	67.6
22	0.113092	8.84	1.41	0.7102	0.400675	0.1	67.8
23	0.097487	10.26	1.63	0.6122	0.200384	0.4	68.2
24	0.094192	10.62	1.69	0.5915	0.503360	2.7	70.9

СОБСТВЕННЫЕ ЗНАЧЕНИЯ, ЧАСТОТЫ, ПЕРИОДЫ КОЛЕБАНИЙ, ЗАГРУЖЕНИЯ 7

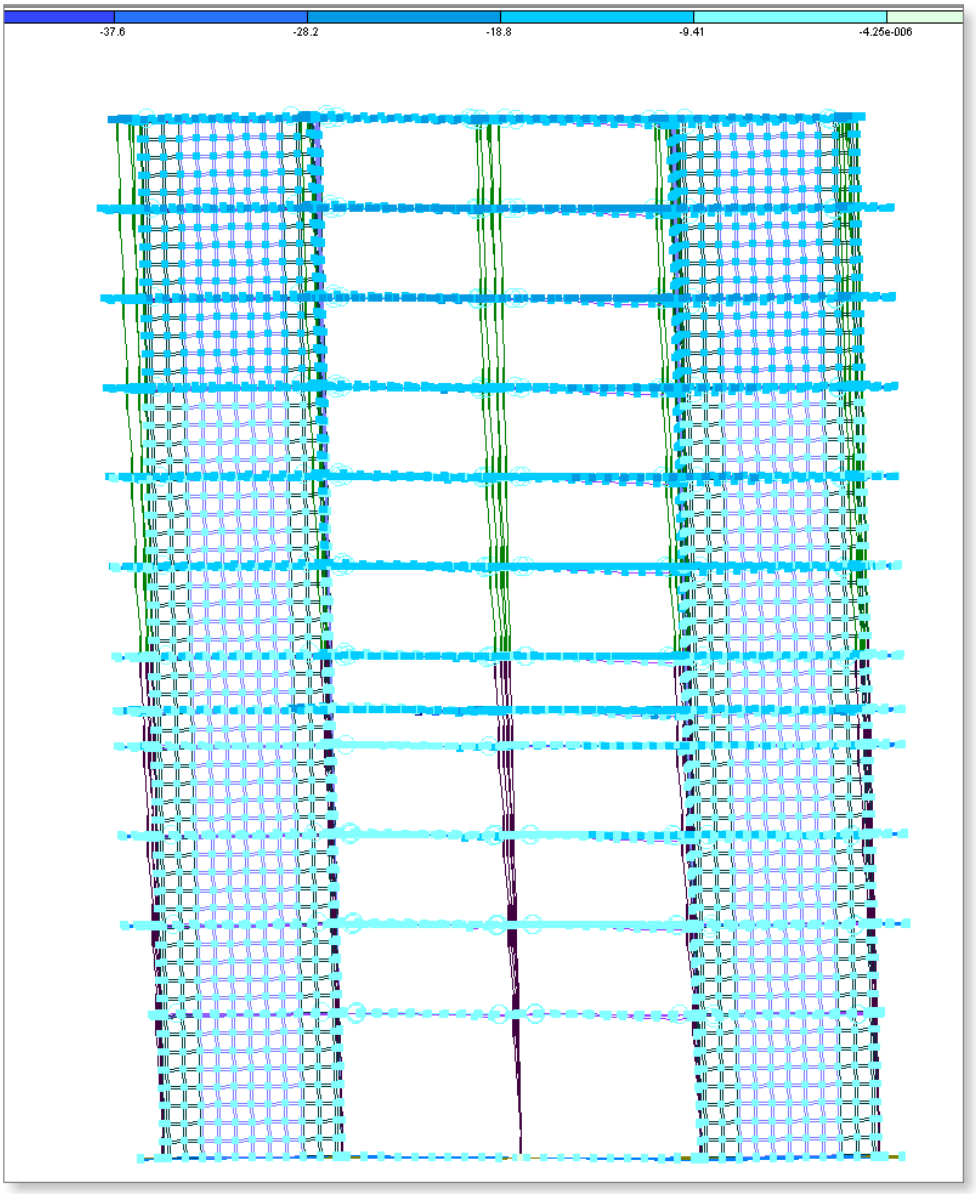
N П/П	СОБСТВ. ЗНАЧЕНИЯ	ЧАСТОТЫ РАД/С	ЧАСТОТЫ ГЦ	ПЕРИОДЫ С	КОЭФФИЦИЕНТ РАСПРЕДЕЛЕНИЯ	МОДАЛЬНАЯ МАССА В %	
1	0.287580	3.48	0.55	1.8060	0.312311	2.0	2.0
2	0.257611	3.88	0.62	1.6178	1.275460	66.4	68.3
3	0.196736	5.08	0.81	1.2355	0.207812	0.3	68.7
4	0.172991	5.78	0.92	1.0864	0.029823	0.0	68.7
5	0.158758	6.30	1.00	0.9970	-0.137107	0.0	68.7
6	0.152733	6.55	1.04	0.9592	0.065974	0.0	68.7
7	0.152463	6.56	1.04	0.9575	0.445342	0.1	68.8

8	0.152056	6.58	1.05	0.9549	0.368888	0.0	68.8
9	0.151861	6.58	1.05	0.9537	0.294817	0.0	68.8
10	0.151610	6.60	1.05	0.9521	-0.104626	0.0	68.8
11	0.151504	6.60	1.05	0.9514	0.074339	0.0	68.8
12	0.151359	6.61	1.05	0.9505	-0.013861	0.0	68.8
13	0.149892	6.67	1.06	0.9413	0.113472	0.0	68.8
14	0.138807	7.20	1.15	0.8717	0.118275	0.0	68.8
15	0.138338	7.23	1.15	0.8688	0.151782	0.0	68.8
16	0.137595	7.27	1.16	0.8641	-0.587429	0.1	68.9
17	0.134282	7.45	1.19	0.8433	-0.462534	0.0	68.9
18	0.123635	8.09	1.29	0.7764	-0.404531	0.0	68.9
19	0.118587	8.43	1.34	0.7447	-0.702365	0.0	68.9
20	0.118531	8.44	1.34	0.7444	0.196686	0.0	68.9
21	0.116281	8.60	1.37	0.7302	0.450003	0.0	69.0
22	0.113092	8.84	1.41	0.7102	-0.224854	0.0	69.0
23	0.097487	10.26	1.63	0.6122	-0.149931	0.2	69.2
24	0.094192	10.62	1.69	0.5915	-0.584544	3.7	72.9

სეისმური გადაადგილებების შეფასება



№4, ფორმა 2. Xმაქს/K1=12 სმ



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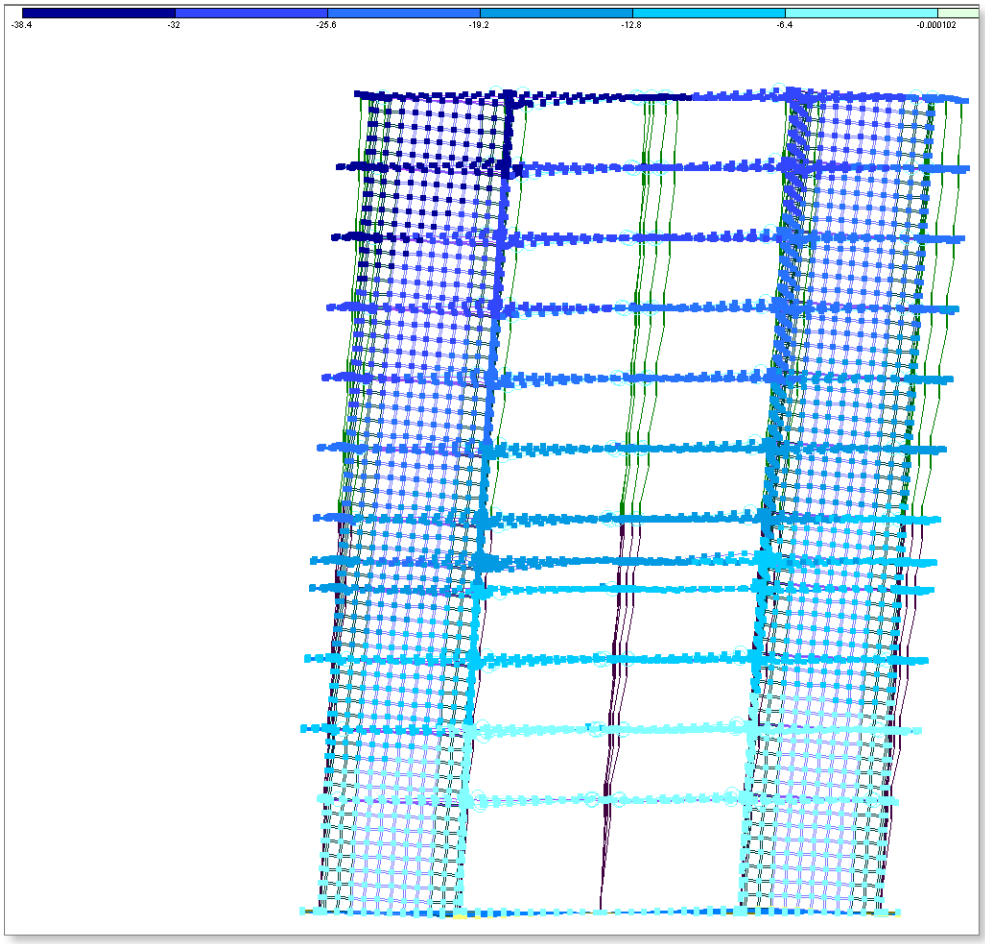
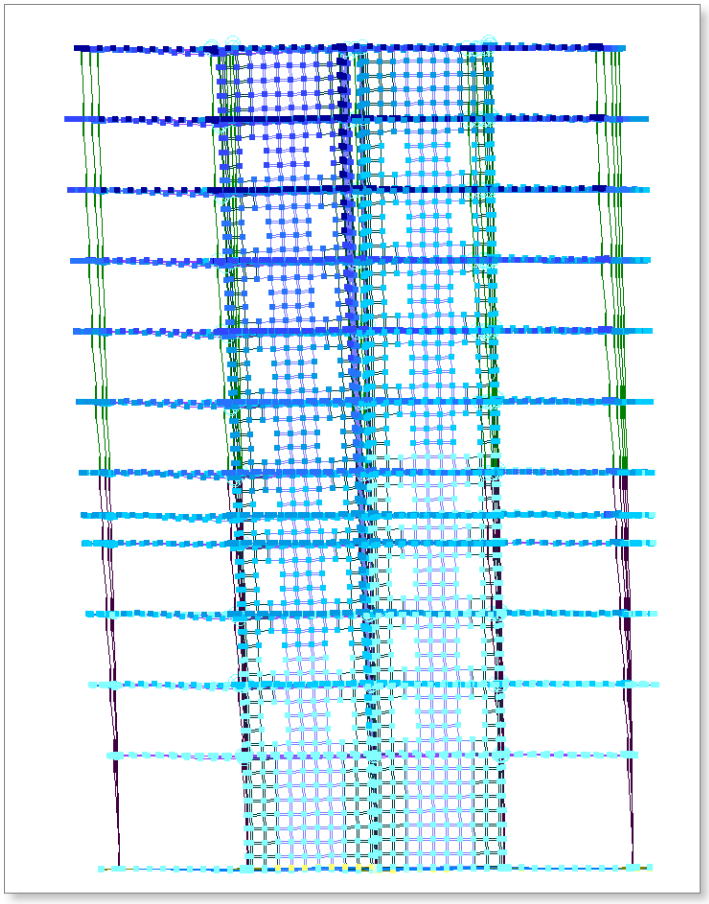
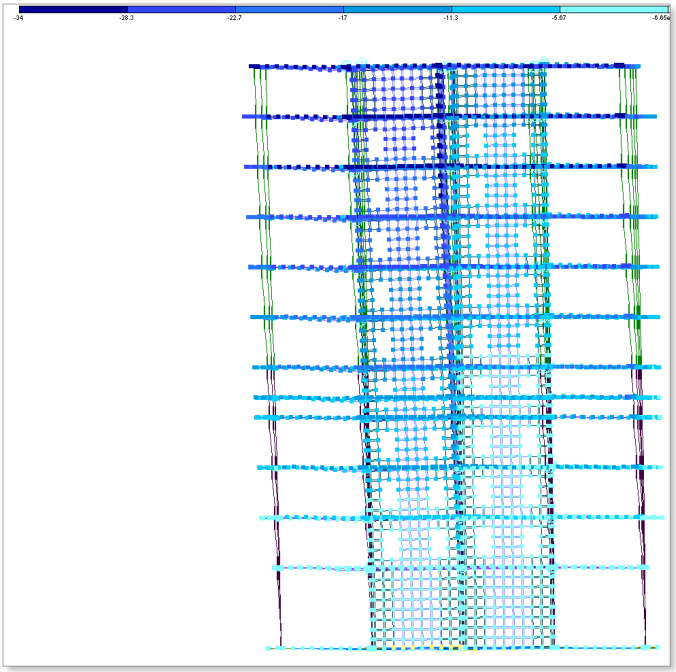
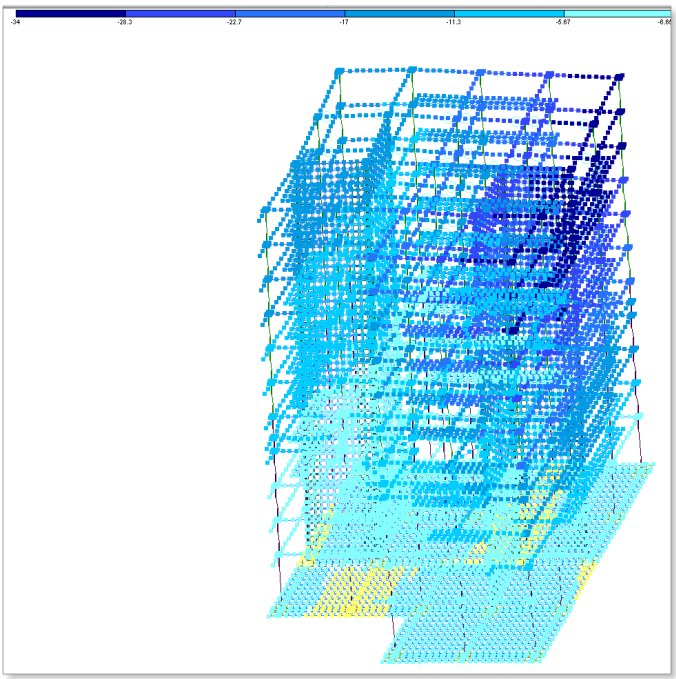


№5, ფორმა 2. ɣəაქს/K1=14 სმ



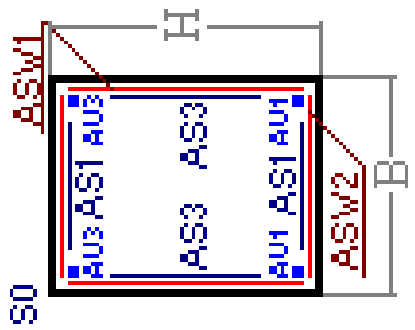
№5, ფორმა 3. Yმაქს/K1=9 სმ





№6, ფორმა 3. Yმაქს/K1=12 სმ

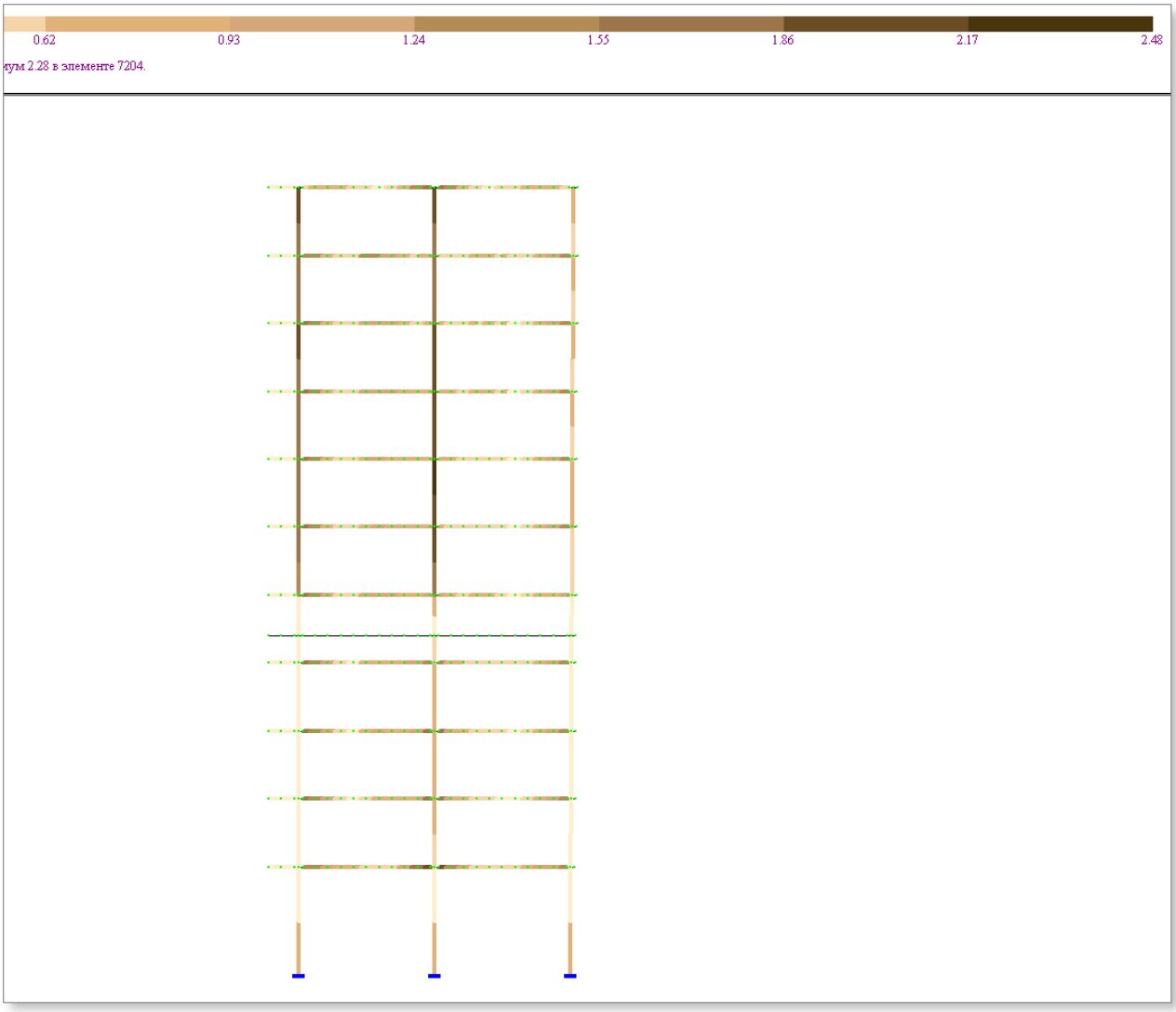
არმატურა სვეტებში



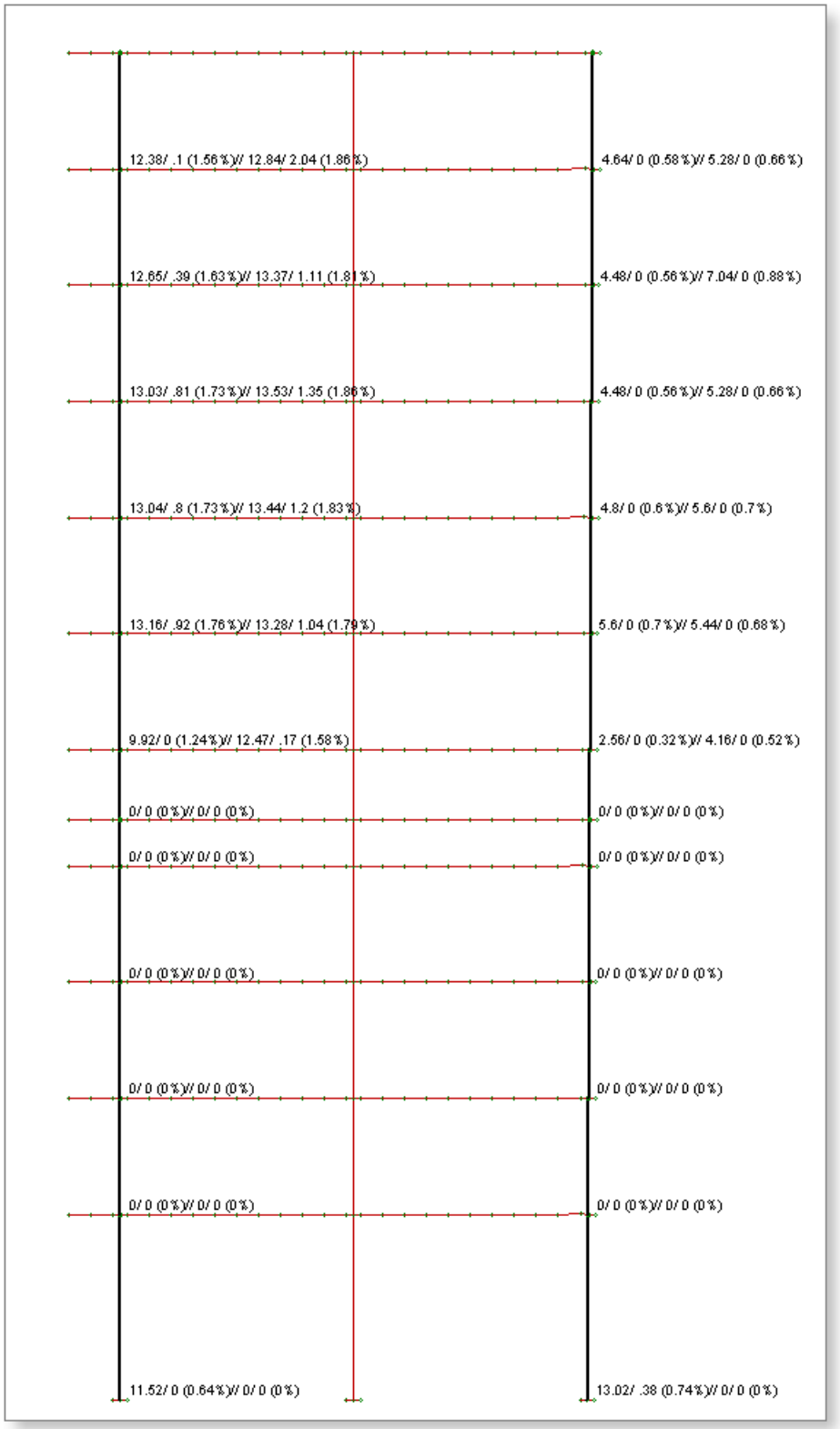
(სიმეტრიული)

კვეთი1 //კვეთი2:

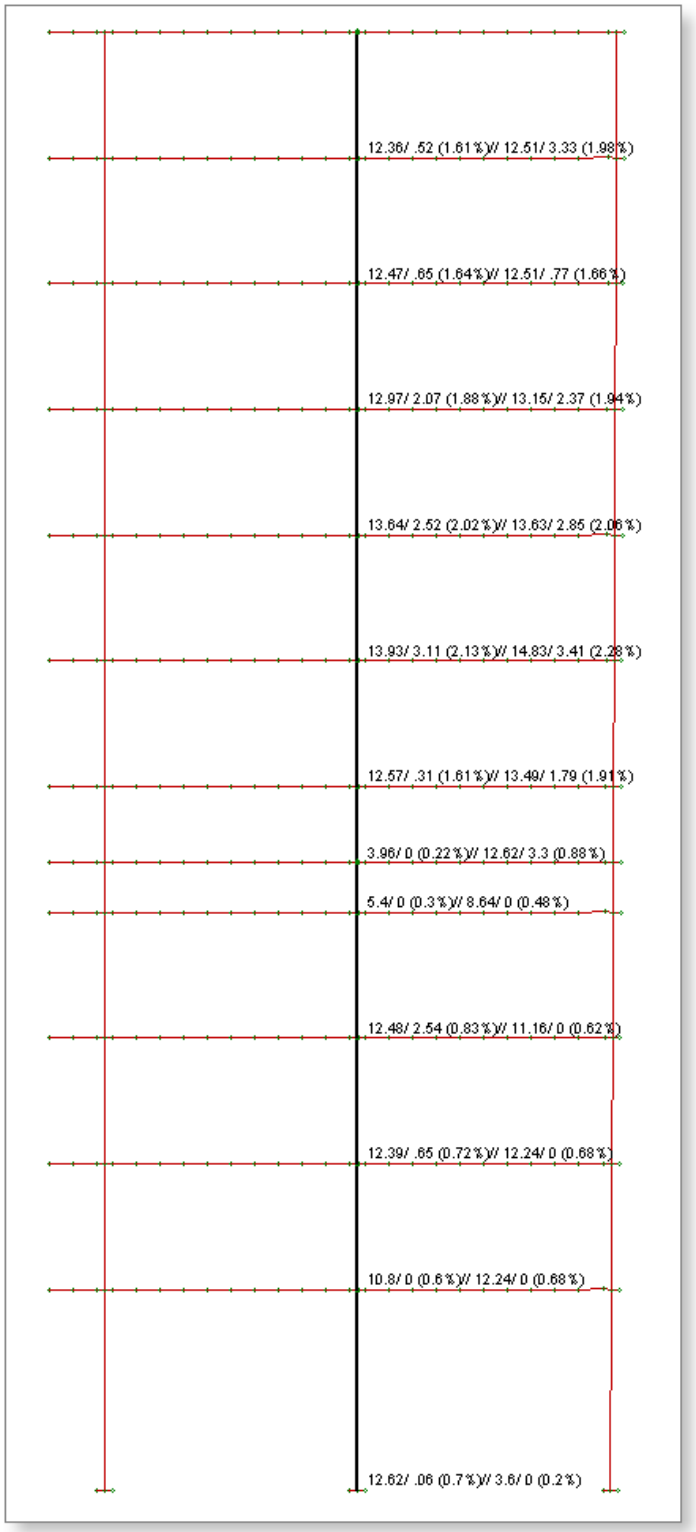
კვეთი1: AU1+AU1+AS1/AS3/% // კვეთი2: AU1+AU1+AS1/AS3/%/



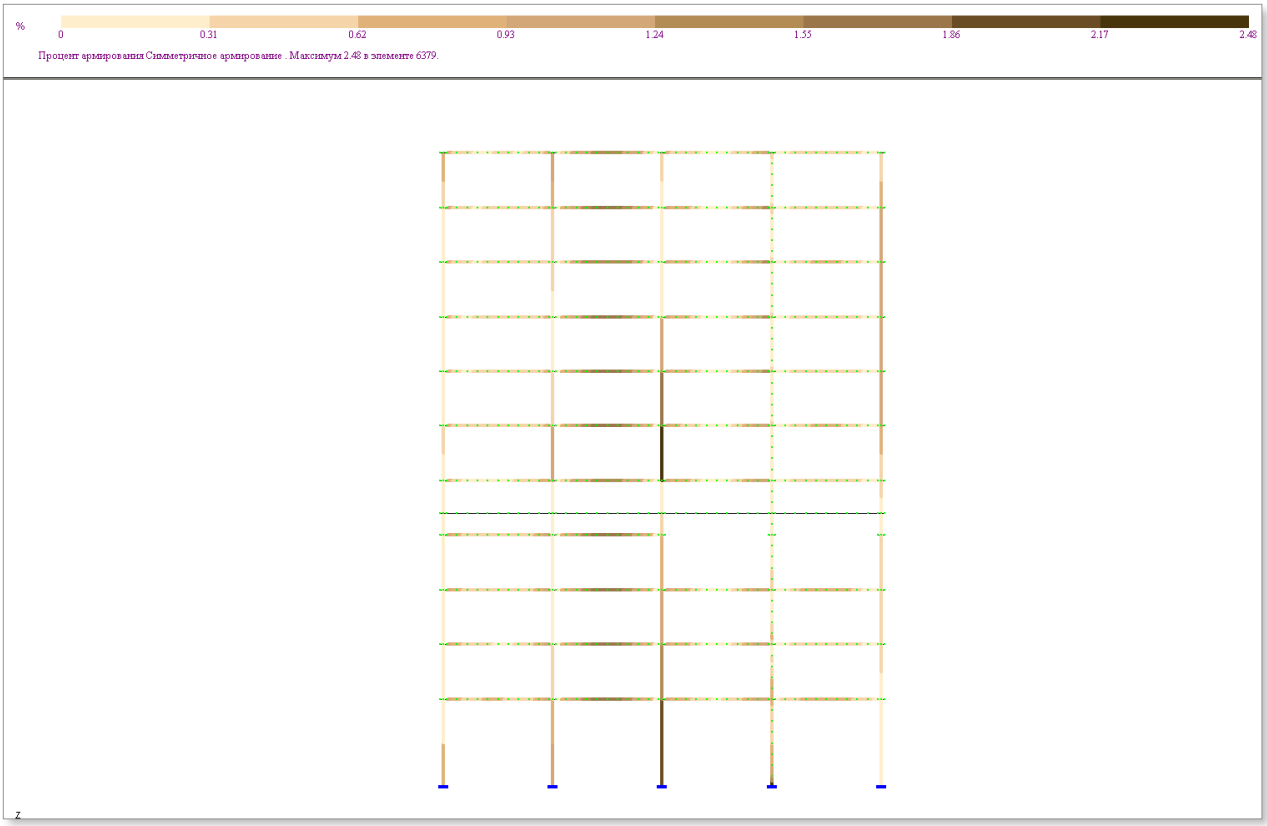
Т-Т, %


12.38/ .1 (1.56%)// 12.84/ 2.04 (1.86%)
4.64/ 0 (0.58%)// 5.28/ 0 (0.66%)
12.65/ .39 (1.63%)// 13.37/ 1.11 (1.81%)
4.48/ 0 (0.56%)// 7.04/ 0 (0.88%)
13.03/ .81 (1.73%)// 13.53/ 1.35 (1.86%)
4.48/ 0 (0.56%)// 5.28/ 0 (0.66%)
13.04/ .8 (1.73%)// 13.44/ 1.2 (1.83%)
4.8/ 0 (0.6%)// 5.6/ 0 (0.7%)
13.16/ .92 (1.76%)// 13.28/ 1.04 (1.79%)
5.6/ 0 (0.7%)// 5.44/ 0 (0.68%)
9.92/ 0 (1.24%)// 12.47/ .17 (1.58%)
2.56/ 0 (0.32%)// 4.16/ 0 (0.52%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
11.52/ 0 (0.64%)// 0/ 0 (0%)
13.02/ .38 (0.74%)// 0/ 0 (0%)

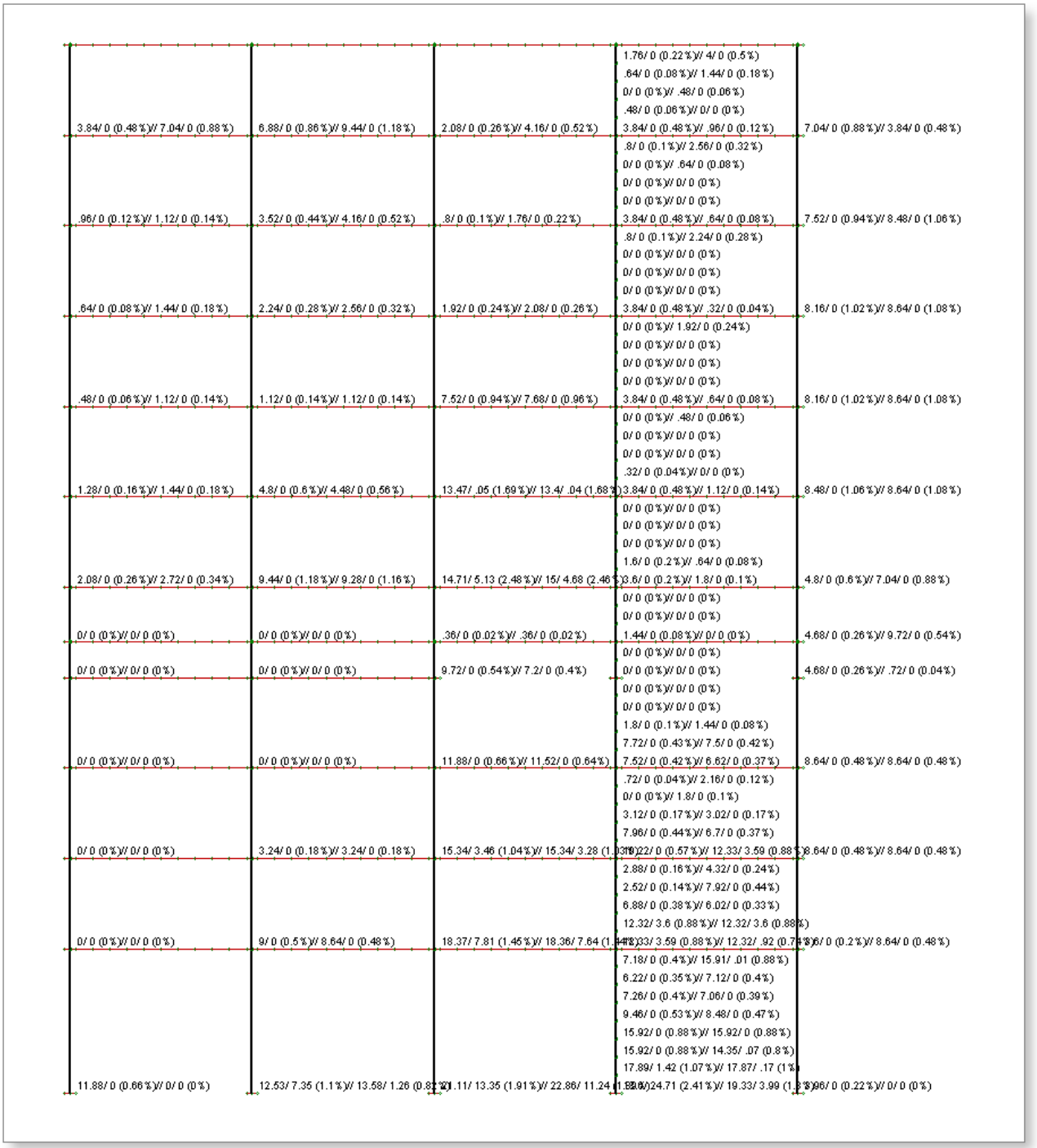
T-T, ъд^2


12.36/ .52 (1.61%)/ 12.51/ 3.33 (1.98%)
12.47/ .65 (1.64%)/ 12.51/ .77 (1.66%)
12.97/ 2.07 (1.88%)/ 13.15/ 2.37 (1.94%)
13.64/ 2.52 (2.02%)/ 13.63/ 2.85 (2.06%)
13.93/ 3.11 (2.13%)/ 14.83/ 3.41 (2.28%)
12.57/ .31 (1.61%)/ 13.49/ 1.79 (1.91%)
3.96/ 0 (0.22%)/ 12.62/ 3.3 (0.88%)
5.4/ 0 (0.3%)/ 8.64/ 0 (0.48%)
12.48/ 2.54 (0.83%)/ 11.16/ 0 (0.62%)
12.39/ .65 (0.72%)/ 12.24/ 0 (0.68%)
10.8/ 0 (0.6%)/ 12.24/ 0 (0.68%)
12.62/ .06 (0.7%)/ 3.6/ 0 (0.2%)

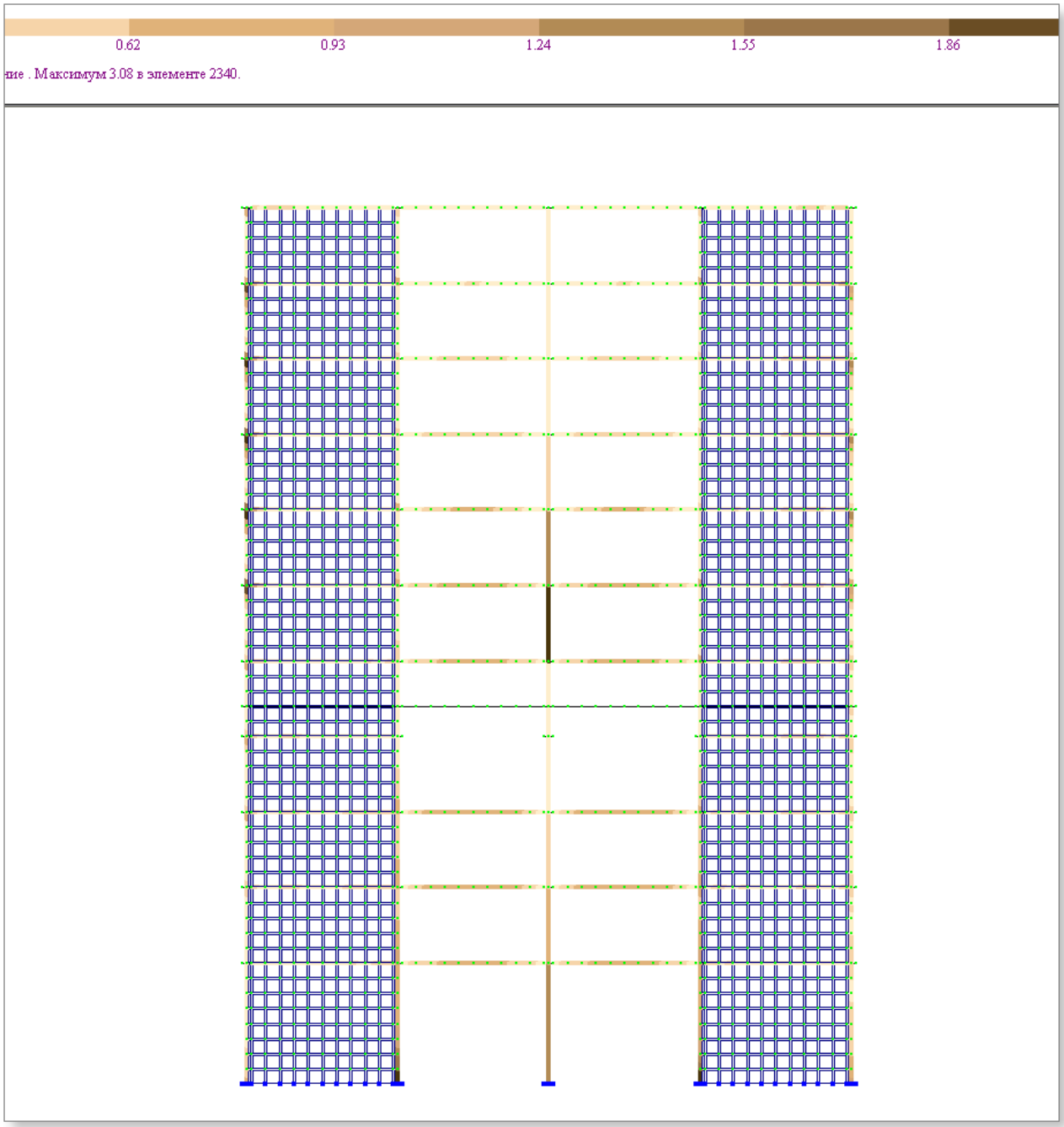
Т-Т, Ъд^2


%
0
0.31
0.62
0.93
1.24
1.55
1.86
2.17
2.48
Процент армирования Симметричное армирование . Максимум 2.48 в элементе 6379.
z

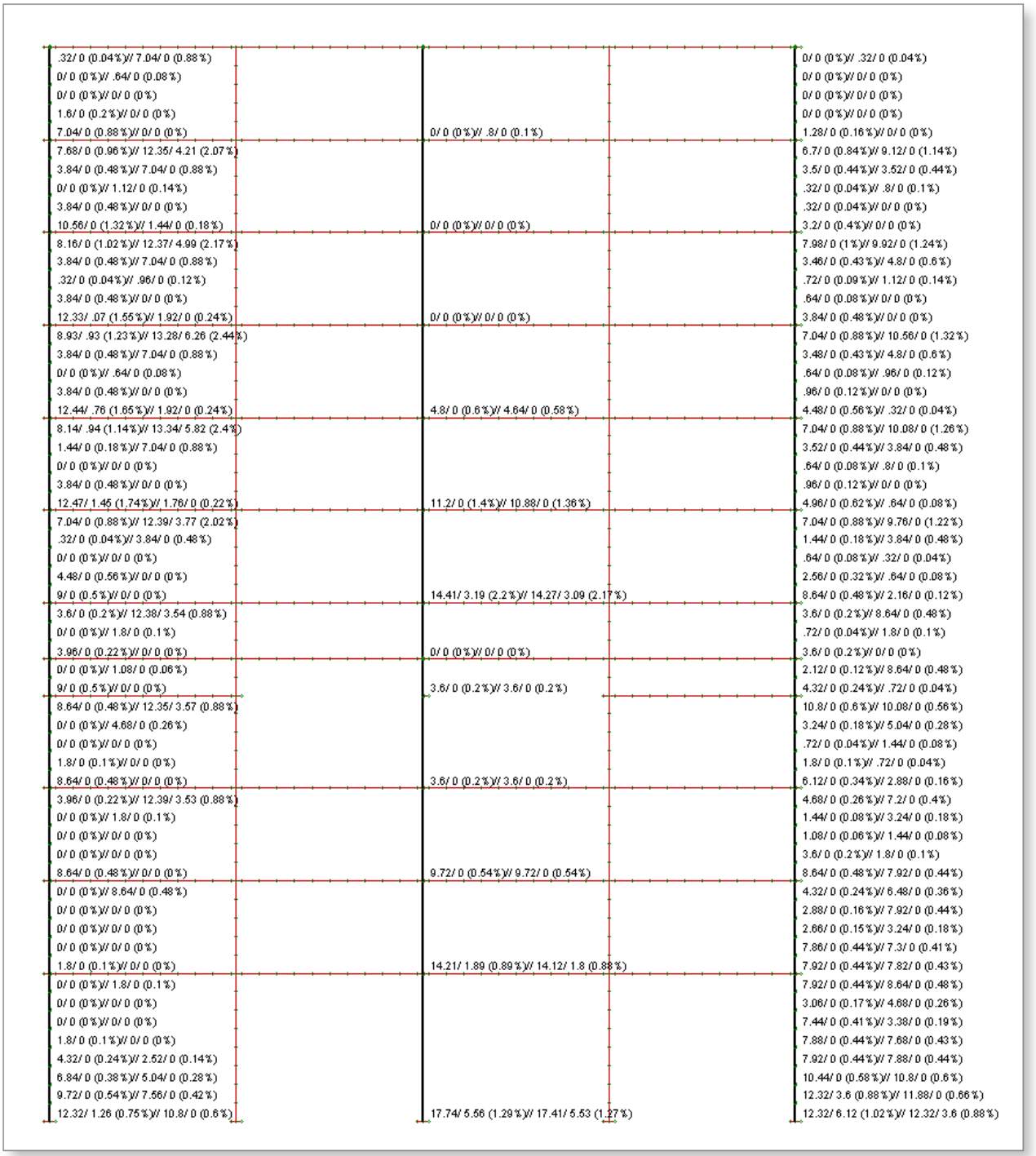
0-0, %


3.84/ 0 (0.48 %)/ 7.04/ 0 (0.88 %)
6.88/ 0 (0.86 %)/ 9.44/ 0 (1.18 %)
2.08/ 0 (0.26 %)/ 4.16/ 0 (0.52 %)
1.76/ 0 (0.22 %)/ 4/ 0 (0.5 %)
.64/ 0 (0.08 %)/ 1.44/ 0 (0.18 %)
0/ 0 (0 %)/ .48/ 0 (0.06 %)
.48/ 0 (0.06 %)/ 0/ 0 (0 %)
3.84/ 0 (0.48 %)/ .96/ 0 (0.12 %)
7.04/ 0 (0.88 %)/ 3.84/ 0 (0.48 %)
.96/ 0 (0.12 %)/ 1.12/ 0 (0.14 %)
3.52/ 0 (0.44 %)/ 4.16/ 0 (0.52 %)
.8/ 0 (0.1 %)/ 1.76/ 0 (0.22 %)
.8/ 0 (0.1 %)/ 2.56/ 0 (0.32 %)
0/ 0 (0 %)/ .64/ 0 (0.08 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
3.84/ 0 (0.48 %)/ .64/ 0 (0.08 %)
7.52/ 0 (0.94 %)/ 8.48/ 0 (1.06 %)
.64/ 0 (0.08 %)/ 1.44/ 0 (0.18 %)
2.24/ 0 (0.28 %)/ 2.56/ 0 (0.32 %)
1.92/ 0 (0.24 %)/ 2.08/ 0 (0.26 %)
.8/ 0 (0.1 %)/ 2.24/ 0 (0.28 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
3.84/ 0 (0.48 %)/ .32/ 0 (0.04 %)
8.16/ 0 (1.02 %)/ 8.64/ 0 (1.08 %)
.48/ 0 (0.06 %)/ 1.12/ 0 (0.14 %)
1.12/ 0 (0.14 %)/ 1.12/ 0 (0.14 %)
7.52/ 0 (0.94 %)/ 7.68/ 0 (0.96 %)
0/ 0 (0 %)/ 1.92/ 0 (0.24 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
3.84/ 0 (0.48 %)/ .64/ 0 (0.08 %)
8.16/ 0 (1.02 %)/ 8.64/ 0 (1.08 %)
1.28/ 0 (0.16 %)/ 1.44/ 0 (0.18 %)
4.8/ 0 (0.6 %)/ 4.48/ 0 (0.56 %)
13.47/ .05 (1.69 %)/ 13.4/ .04 (1.68 %)
0/ 0 (0 %)/ .48/ 0 (0.06 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
.32/ 0 (0.04 %)/ 0/ 0 (0 %)
3.84/ 0 (0.48 %)/ 1.12/ 0 (0.14 %)
8.48/ 0 (1.06 %)/ 8.64/ 0 (1.08 %)
2.08/ 0 (0.26 %)/ 2.72/ 0 (0.34 %)
9.44/ 0 (1.18 %)/ 9.28/ 0 (1.16 %)
14.71/ 5.13 (2.48 %)/ 15/ 4.68 (2.46 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
1.6/ 0 (0.2 %)/ .64/ 0 (0.08 %)
3.6/ 0 (0.2 %)/ 1.8/ 0 (0.1 %)
4.8/ 0 (0.6 %)/ 7.04/ 0 (0.88 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
.36/ 0 (0.02 %)/ .36/ 0 (0.02 %)
1.44/ 0 (0.08 %)/ 0/ 0 (0 %)
4.68/ 0 (0.26 %)/ 9.72/ 0 (0.54 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
9.72/ 0 (0.54 %)/ 7.2/ 0 (0.4 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
4.68/ 0 (0.26 %)/ .72/ 0 (0.04 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
11.88/ 0 (0.66 %)/ 11.52/ 0 (0.64 %)
1.8/ 0 (0.1 %)/ 1.44/ 0 (0.08 %)
7.72/ 0 (0.43 %)/ 7.5/ 0 (0.42 %)
7.52/ 0 (0.42 %)/ 6.62/ 0 (0.37 %)
8.64/ 0 (0.48 %)/ 8.64/ 0 (0.48 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
3.24/ 0 (0.18 %)/ 3.24/ 0 (0.18 %)
15.34/ 3.46 (1.04 %)/ 15.34/ 3.28 (1.03 %)
.72/ 0 (0.04 %)/ 2.16/ 0 (0.12 %)
0/ 0 (0 %)/ 1.8/ 0 (0.1 %)
3.12/ 0 (0.17 %)/ 3.02/ 0 (0.17 %)
7.96/ 0 (0.44 %)/ 6.7/ 0 (0.37 %)
22/ 0 (0.57 %)/ 12.33/ 3.59 (0.88 %)
8.64/ 0 (0.48 %)/ 8.64/ 0 (0.48 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
9/ 0 (0.5 %)/ 8.64/ 0 (0.48 %)
18.37/ 7.81 (1.45 %)/ 18.36/ 7.64 (1.44 %)
2.88/ 0 (0.16 %)/ 4.32/ 0 (0.24 %)
2.52/ 0 (0.14 %)/ 7.92/ 0 (0.44 %)
6.88/ 0 (0.38 %)/ 6.02/ 0 (0.33 %)
12.32/ 3.6 (0.88 %)/ 12.32/ 3.6 (0.88 %)
33/ 3.59 (0.88 %)/ 12.32/ .92 (0.74 %)
6/ 0 (0.2 %)/ 8.64/ 0 (0.48 %)
7.18/ 0 (0.4 %)/ 15.91/ .01 (0.88 %)
6.22/ 0 (0.35 %)/ 7.12/ 0 (0.4 %)
7.26/ 0 (0.4 %)/ 7.06/ 0 (0.39 %)
9.46/ 0 (0.53 %)/ 8.48/ 0 (0.47 %)
15.92/ 0 (0.88 %)/ 15.92/ 0 (0.88 %)
15.92/ 0 (0.88 %)/ 14.35/ .07 (0.8 %)
17.89/ 1.42 (1.07 %)/ 17.87/ .17 (1 %)
11.88/ 0 (0.66 %)/ 0/ 0 (0 %)
12.53/ 7.35 (1.1 %)/ 13.58/ 1.26 (0.82 %)
1.11/ 13.35 (1.91 %)/ 22.86/ 11.24 (1.88 %)
24.71 (2.41 %)/ 19.33/ 3.99 (1.8 %)
96/ 0 (0.22 %)/ 0/ 0 (0 %)

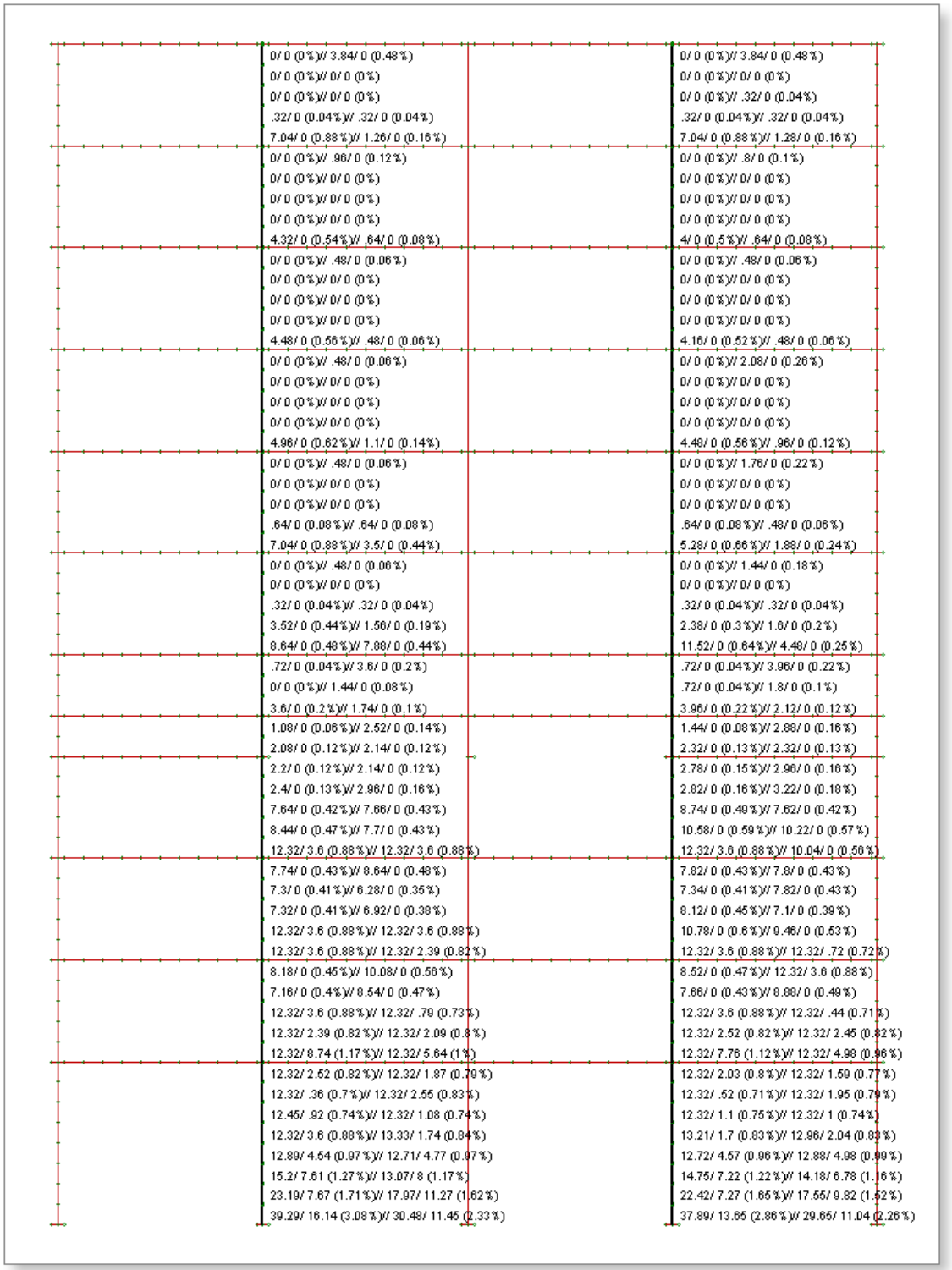
0-0, ъд2



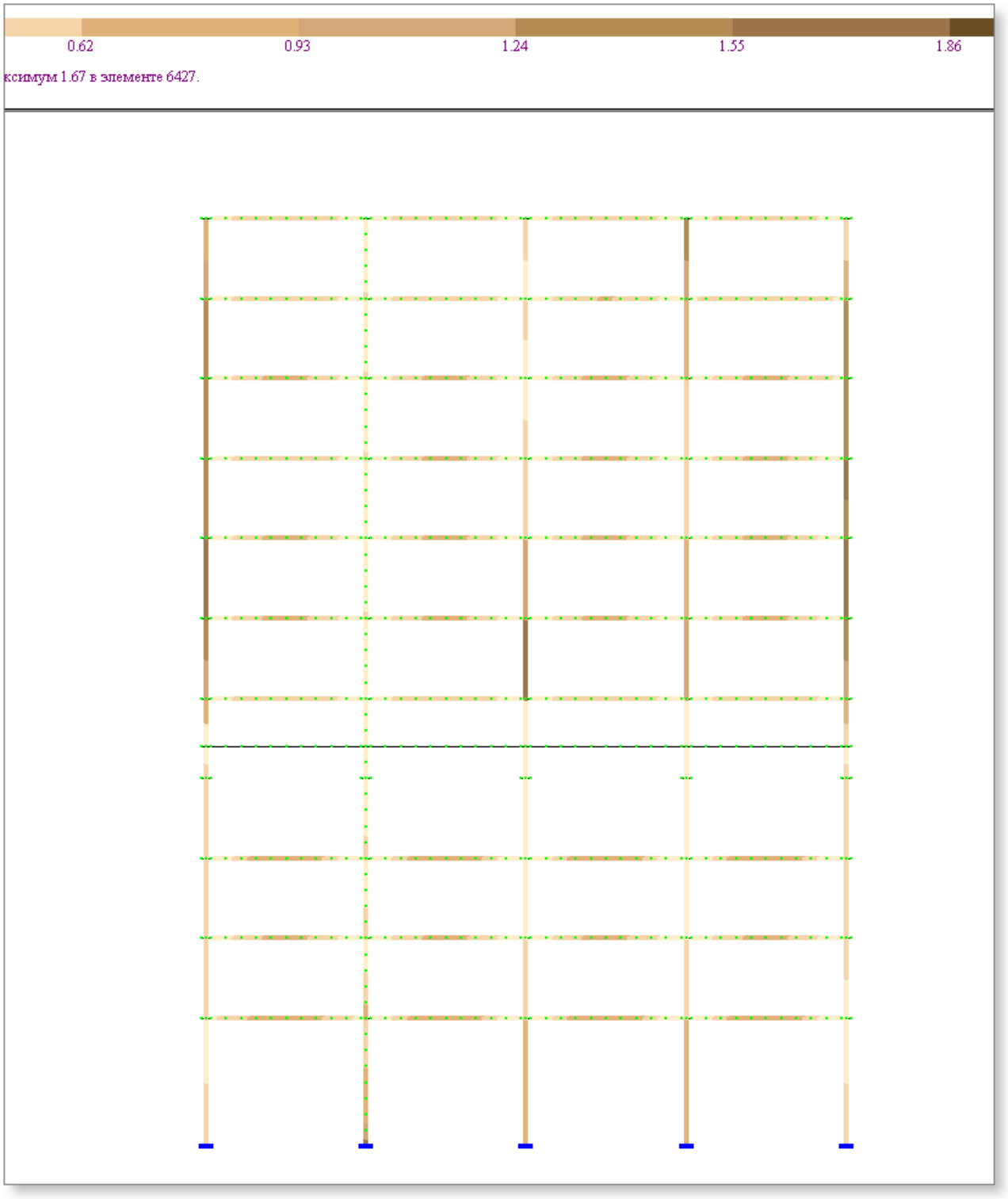
В-В, %


.32/ 0 (0.04%)// 7.04/ 0 (0.88%)
0/ 0 (0%)// .64/ 0 (0.08%)
0/ 0 (0%)// 0/ 0 (0%)
1.6/ 0 (0.2%)// 0/ 0 (0%)
7.04/ 0 (0.88%)// 0/ 0 (0%)
0/ 0 (0%)// .8/ 0 (0.1%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
1.28/ 0 (0.16%)// 0/ 0 (0%)
7.68/ 0 (0.96%)// 12.35/ 4.21 (2.07%)
3.84/ 0 (0.48%)// 7.04/ 0 (0.88%)
0/ 0 (0%)// 1.12/ 0 (0.14%)
3.84/ 0 (0.48%)// 0/ 0 (0%)
10.56/ 0 (1.32%)// 1.44/ 0 (0.18%)
0/ 0 (0%)// 0/ 0 (0%)
6.7/ 0 (0.84%)// 9.12/ 0 (1.14%)
3.5/ 0 (0.44%)// 3.52/ 0 (0.44%)
.32/ 0 (0.04%)// .8/ 0 (0.1%)
.32/ 0 (0.04%)// 0/ 0 (0%)
3.2/ 0 (0.4%)// 0/ 0 (0%)
8.16/ 0 (1.02%)// 12.37/ 4.99 (2.17%)
3.84/ 0 (0.48%)// 7.04/ 0 (0.88%)
.32/ 0 (0.04%)// .96/ 0 (0.12%)
3.84/ 0 (0.48%)// 0/ 0 (0%)
12.33/ .07 (1.55%)// 1.92/ 0 (0.24%)
0/ 0 (0%)// 0/ 0 (0%)
7.98/ 0 (1%)// 9.92/ 0 (1.24%)
3.46/ 0 (0.43%)// 4.8/ 0 (0.6%)
.72/ 0 (0.09%)// 1.12/ 0 (0.14%)
.64/ 0 (0.08%)// 0/ 0 (0%)
3.84/ 0 (0.48%)// 0/ 0 (0%)
8.93/ .93 (1.23%)// 13.28/ 6.26 (2.44%)
3.84/ 0 (0.48%)// 7.04/ 0 (0.88%)
0/ 0 (0%)// .64/ 0 (0.08%)
3.84/ 0 (0.48%)// 0/ 0 (0%)
12.44/ .76 (1.65%)// 1.92/ 0 (0.24%)
4.8/ 0 (0.6%)// 4.64/ 0 (0.58%)
7.04/ 0 (0.88%)// 10.56/ 0 (1.32%)
3.48/ 0 (0.43%)// 4.8/ 0 (0.6%)
.64/ 0 (0.08%)// .96/ 0 (0.12%)
.96/ 0 (0.12%)// 0/ 0 (0%)
4.48/ 0 (0.56%)// .32/ 0 (0.04%)
8.14/ .94 (1.14%)// 13.34/ 5.82 (2.4%)
1.44/ 0 (0.18%)// 7.04/ 0 (0.88%)
0/ 0 (0%)// 0/ 0 (0%)
3.84/ 0 (0.48%)// 0/ 0 (0%)
12.47/ 1.45 (1.74%)// 1.76/ 0 (0.22%)
11.2/ 0 (1.4%)// 10.88/ 0 (1.36%)
7.04/ 0 (0.88%)// 10.08/ 0 (1.26%)
3.52/ 0 (0.44%)// 3.84/ 0 (0.48%)
.64/ 0 (0.08%)// .8/ 0 (0.1%)
.96/ 0 (0.12%)// 0/ 0 (0%)
4.96/ 0 (0.62%)// .64/ 0 (0.08%)
7.04/ 0 (0.88%)// 12.39/ 3.77 (2.02%)
.32/ 0 (0.04%)// 3.84/ 0 (0.48%)
0/ 0 (0%)// 0/ 0 (0%)
4.48/ 0 (0.56%)// 0/ 0 (0%)
9/ 0 (0.5%)// 0/ 0 (0%)
14.41/ 3.19 (2.2%)// 14.27/ 3.09 (2.17%)
7.04/ 0 (0.88%)// 9.76/ 0 (1.22%)
1.44/ 0 (0.18%)// 3.84/ 0 (0.48%)
.64/ 0 (0.08%)// .32/ 0 (0.04%)
2.56/ 0 (0.32%)// .64/ 0 (0.08%)
8.64/ 0 (0.48%)// 2.16/ 0 (0.12%)
3.6/ 0 (0.2%)// 12.38/ 3.54 (0.88%)
0/ 0 (0%)// 1.8/ 0 (0.1%)
3.96/ 0 (0.22%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
3.6/ 0 (0.2%)// 8.64/ 0 (0.48%)
.72/ 0 (0.04%)// 1.8/ 0 (0.1%)
3.6/ 0 (0.2%)// 0/ 0 (0%)
0/ 0 (0%)// 1.08/ 0 (0.06%)
9/ 0 (0.5%)// 0/ 0 (0%)
3.6/ 0 (0.2%)// 3.6/ 0 (0.2%)
2.12/ 0 (0.12%)// 8.64/ 0 (0.48%)
4.32/ 0 (0.24%)// .72/ 0 (0.04%)
8.64/ 0 (0.48%)// 12.35/ 3.57 (0.88%)
0/ 0 (0%)// 4.68/ 0 (0.26%)
0/ 0 (0%)// 0/ 0 (0%)
1.8/ 0 (0.1%)// 0/ 0 (0%)
8.64/ 0 (0.48%)// 0/ 0 (0%)
3.6/ 0 (0.2%)// 3.6/ 0 (0.2%)
10.8/ 0 (0.6%)// 10.08/ 0 (0.56%)
3.24/ 0 (0.18%)// 5.04/ 0 (0.28%)
.72/ 0 (0.04%)// 1.44/ 0 (0.08%)
1.8/ 0 (0.1%)// .72/ 0 (0.04%)
6.12/ 0 (0.34%)// 2.88/ 0 (0.16%)
3.96/ 0 (0.22%)// 12.39/ 3.53 (0.88%)
0/ 0 (0%)// 1.8/ 0 (0.1%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
8.64/ 0 (0.48%)// 0/ 0 (0%)
9.72/ 0 (0.54%)// 9.72/ 0 (0.54%)
4.68/ 0 (0.26%)// 7.2/ 0 (0.4%)
1.44/ 0 (0.08%)// 3.24/ 0 (0.18%)
1.08/ 0 (0.06%)// 1.44/ 0 (0.08%)
3.6/ 0 (0.2%)// 1.8/ 0 (0.1%)
8.64/ 0 (0.48%)// 7.92/ 0 (0.44%)
0/ 0 (0%)// 8.64/ 0 (0.48%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
1.8/ 0 (0.1%)// 0/ 0 (0%)
14.21/ 1.89 (0.89%)// 14.12/ 1.8 (0.88%)
4.32/ 0 (0.24%)// 6.48/ 0 (0.36%)
2.88/ 0 (0.16%)// 7.92/ 0 (0.44%)
2.66/ 0 (0.15%)// 3.24/ 0 (0.18%)
7.86/ 0 (0.44%)// 7.3/ 0 (0.41%)
7.92/ 0 (0.44%)// 7.82/ 0 (0.43%)
0/ 0 (0%)// 1.8/ 0 (0.1%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
1.8/ 0 (0.1%)// 0/ 0 (0%)
4.32/ 0 (0.24%)// 2.52/ 0 (0.14%)
6.84/ 0 (0.38%)// 5.04/ 0 (0.28%)
9.72/ 0 (0.54%)// 7.56/ 0 (0.42%)
12.32/ 1.26 (0.75%)// 10.8/ 0 (0.6%)
17.74/ 5.56 (1.29%)// 17.41/ 5.53 (1.27%)
7.92/ 0 (0.44%)// 8.64/ 0 (0.48%)
3.06/ 0 (0.17%)// 4.68/ 0 (0.26%)
7.44/ 0 (0.41%)// 3.38/ 0 (0.19%)
7.88/ 0 (0.44%)// 7.68/ 0 (0.43%)
7.92/ 0 (0.44%)// 7.88/ 0 (0.44%)
10.44/ 0 (0.58%)// 10.8/ 0 (0.6%)
12.32/ 3.6 (0.88%)// 11.88/ 0 (0.66%)
12.32/ 6.12 (1.02%)// 12.32/ 3.6 (0.88%)

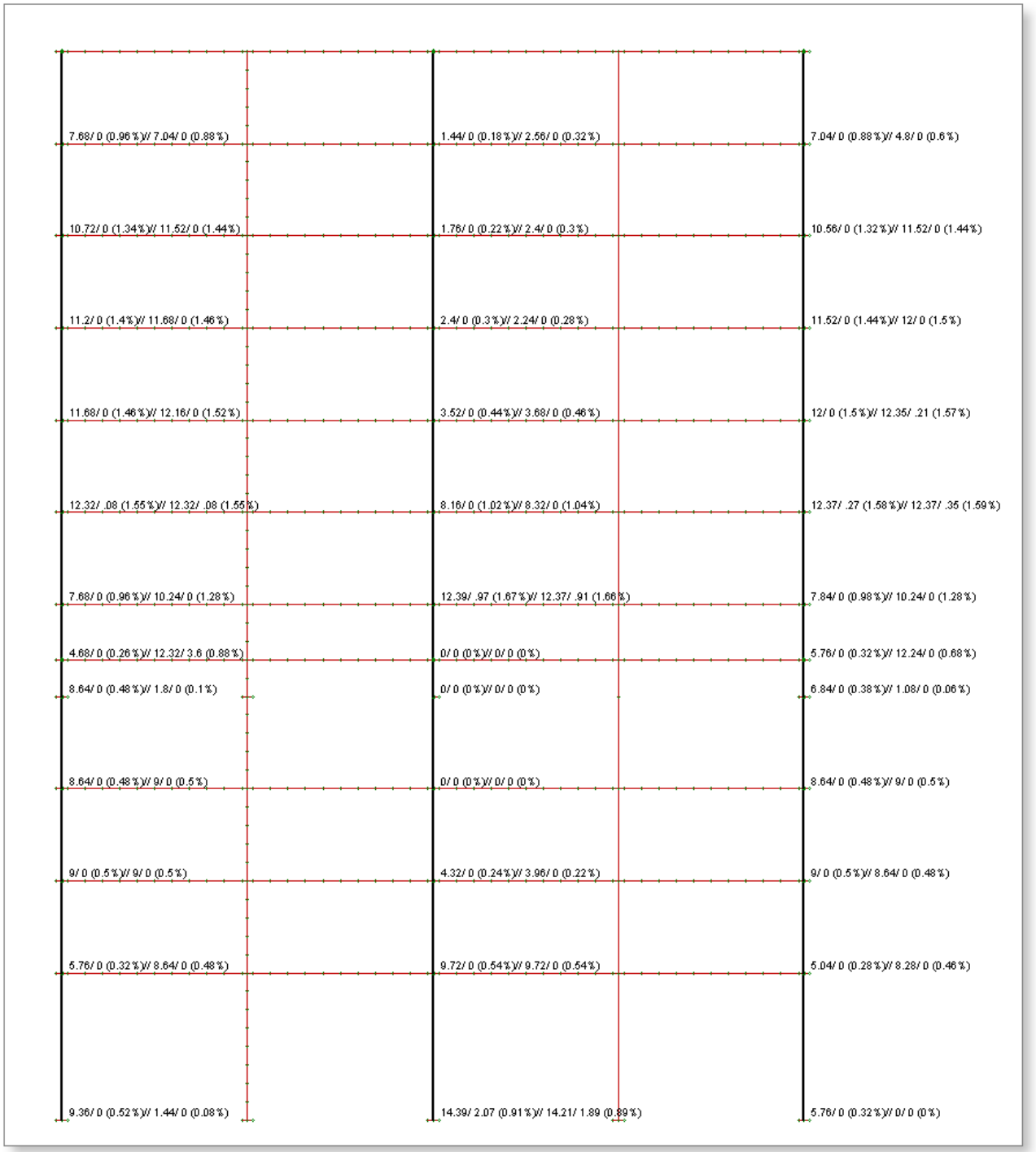
B-B, ს^2


0/ 0 (0%)/ 3.84/ 0 (0.48%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
.32/ 0 (0.04%)/ .32/ 0 (0.04%)
7.04/ 0 (0.88%)/ 1.26/ 0 (0.16%)
0/ 0 (0%)/ 3.84/ 0 (0.48%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ .32/ 0 (0.04%)
.32/ 0 (0.04%)/ .32/ 0 (0.04%)
7.04/ 0 (0.88%)/ 1.28/ 0 (0.16%)
0/ 0 (0%)/ .96/ 0 (0.12%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
4.32/ 0 (0.54%)/ .64/ 0 (0.08%)
0/ 0 (0%)/ .8/ 0 (0.1%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
4/ 0 (0.5%)/ .64/ 0 (0.08%)
0/ 0 (0%)/ .48/ 0 (0.06%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
4.48/ 0 (0.56%)/ .48/ 0 (0.06%)
0/ 0 (0%)/ .48/ 0 (0.06%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
4.16/ 0 (0.52%)/ .48/ 0 (0.06%)
0/ 0 (0%)/ .48/ 0 (0.06%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
4.96/ 0 (0.62%)/ 1.1/ 0 (0.14%)
0/ 0 (0%)/ 2.08/ 0 (0.26%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
4.48/ 0 (0.56%)/ .96/ 0 (0.12%)
0/ 0 (0%)/ .48/ 0 (0.06%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
.64/ 0 (0.08%)/ .64/ 0 (0.08%)
7.04/ 0 (0.88%)/ 3.5/ 0 (0.44%)
0/ 0 (0%)/ 1.76/ 0 (0.22%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
.64/ 0 (0.08%)/ .48/ 0 (0.06%)
5.28/ 0 (0.66%)/ 1.88/ 0 (0.24%)
0/ 0 (0%)/ .48/ 0 (0.06%)
0/ 0 (0%)/ 0/ 0 (0%)
.32/ 0 (0.04%)/ .32/ 0 (0.04%)
3.52/ 0 (0.44%)/ 1.56/ 0 (0.19%)
8.64/ 0 (0.48%)/ 7.88/ 0 (0.44%)
0/ 0 (0%)/ 1.44/ 0 (0.18%)
0/ 0 (0%)/ 0/ 0 (0%)
.32/ 0 (0.04%)/ .32/ 0 (0.04%)
2.38/ 0 (0.3%)/ 1.6/ 0 (0.2%)
11.52/ 0 (0.64%)/ 4.48/ 0 (0.25%)
.72/ 0 (0.04%)/ 3.6/ 0 (0.2%)
0/ 0 (0%)/ 1.44/ 0 (0.08%)
3.6/ 0 (0.2%)/ 1.74/ 0 (0.1%)
.72/ 0 (0.04%)/ 3.96/ 0 (0.22%)
.72/ 0 (0.04%)/ 1.8/ 0 (0.1%)
3.96/ 0 (0.22%)/ 2.12/ 0 (0.12%)
1.08/ 0 (0.06%)/ 2.52/ 0 (0.14%)
2.08/ 0 (0.12%)/ 2.14/ 0 (0.12%)
1.44/ 0 (0.08%)/ 2.88/ 0 (0.16%)
2.32/ 0 (0.13%)/ 2.32/ 0 (0.13%)
2.2/ 0 (0.12%)/ 2.14/ 0 (0.12%)
2.4/ 0 (0.13%)/ 2.96/ 0 (0.16%)
7.64/ 0 (0.42%)/ 7.66/ 0 (0.43%)
8.44/ 0 (0.47%)/ 7.7/ 0 (0.43%)
12.32/ 3.6 (0.88%)/ 12.32/ 3.6 (0.88%)
2.78/ 0 (0.15%)/ 2.96/ 0 (0.16%)
2.82/ 0 (0.16%)/ 3.22/ 0 (0.18%)
8.74/ 0 (0.49%)/ 7.62/ 0 (0.42%)
10.58/ 0 (0.59%)/ 10.22/ 0 (0.57%)
12.32/ 3.6 (0.88%)/ 10.04/ 0 (0.56%)
7.74/ 0 (0.43%)/ 8.64/ 0 (0.48%)
7.3/ 0 (0.41%)/ 6.28/ 0 (0.35%)
7.32/ 0 (0.41%)/ 6.92/ 0 (0.38%)
12.32/ 3.6 (0.88%)/ 12.32/ 3.6 (0.88%)
12.32/ 3.6 (0.88%)/ 12.32/ 2.39 (0.82%)
7.82/ 0 (0.43%)/ 7.8/ 0 (0.43%)
7.34/ 0 (0.41%)/ 7.82/ 0 (0.43%)
8.12/ 0 (0.45%)/ 7.1/ 0 (0.39%)
10.78/ 0 (0.6%)/ 9.46/ 0 (0.53%)
12.32/ 3.6 (0.88%)/ 12.32/ .72 (0.72%)
8.18/ 0 (0.45%)/ 10.08/ 0 (0.56%)
7.16/ 0 (0.4%)/ 8.54/ 0 (0.47%)
12.32/ 3.6 (0.88%)/ 12.32/ .79 (0.73%)
12.32/ 2.39 (0.82%)/ 12.32/ 2.09 (0.8%)
12.32/ 8.74 (1.17%)/ 12.32/ 5.64 (1%)
8.52/ 0 (0.47%)/ 12.32/ 3.6 (0.88%)
7.66/ 0 (0.43%)/ 8.88/ 0 (0.49%)
12.32/ 3.6 (0.88%)/ 12.32/ .44 (0.71%)
12.32/ 2.52 (0.82%)/ 12.32/ 2.45 (0.82%)
12.32/ 7.76 (1.12%)/ 12.32/ 4.98 (0.96%)
12.32/ 2.52 (0.82%)/ 12.32/ 1.87 (0.79%)
12.32/ .36 (0.7%)/ 12.32/ 2.55 (0.83%)
12.45/ .92 (0.74%)/ 12.32/ 1.08 (0.74%)
12.32/ 3.6 (0.88%)/ 13.33/ 1.74 (0.84%)
12.89/ 4.54 (0.97%)/ 12.71/ 4.77 (0.97%)
15.2/ 7.61 (1.27%)/ 13.07/ 8 (1.17%)
23.19/ 7.67 (1.71%)/ 17.97/ 11.27 (1.62%)
39.29/ 16.14 (3.08%)/ 30.48/ 11.45 (2.33%)
12.32/ 2.03 (0.8%)/ 12.32/ 1.59 (0.77%)
12.32/ .52 (0.71%)/ 12.32/ 1.95 (0.79%)
12.32/ 1.1 (0.75%)/ 12.32/ 1 (0.74%)
13.21/ 1.7 (0.83%)/ 12.96/ 2.04 (0.83%)
12.72/ 4.57 (0.96%)/ 12.88/ 4.98 (0.99%)
14.75/ 7.22 (1.22%)/ 14.18/ 6.78 (1.16%)
22.42/ 7.27 (1.65%)/ 17.55/ 9.82 (1.52%)
37.89/ 13.65 (2.86%)/ 29.65/ 11.04 (2.26%)

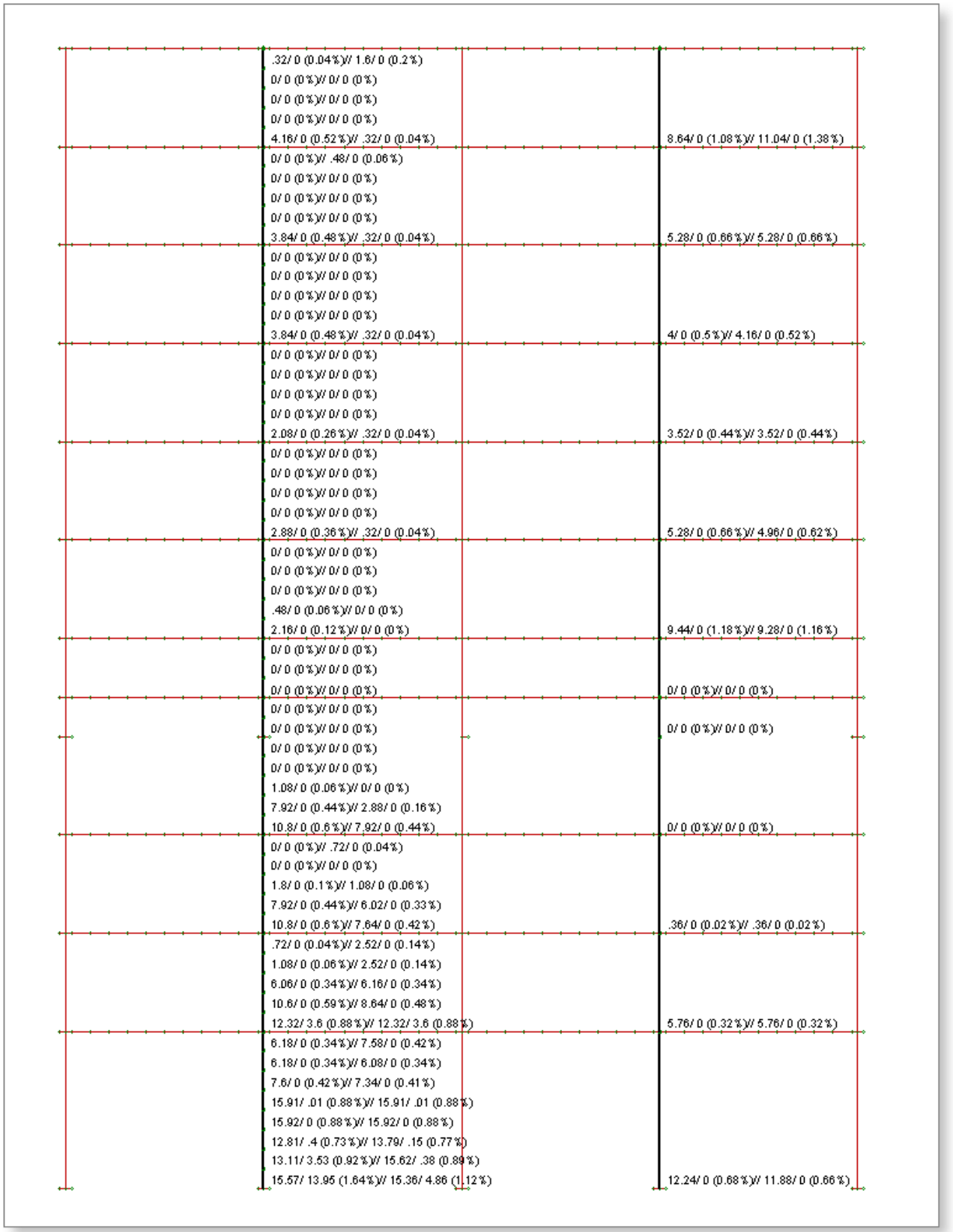
B-B, ъд^2



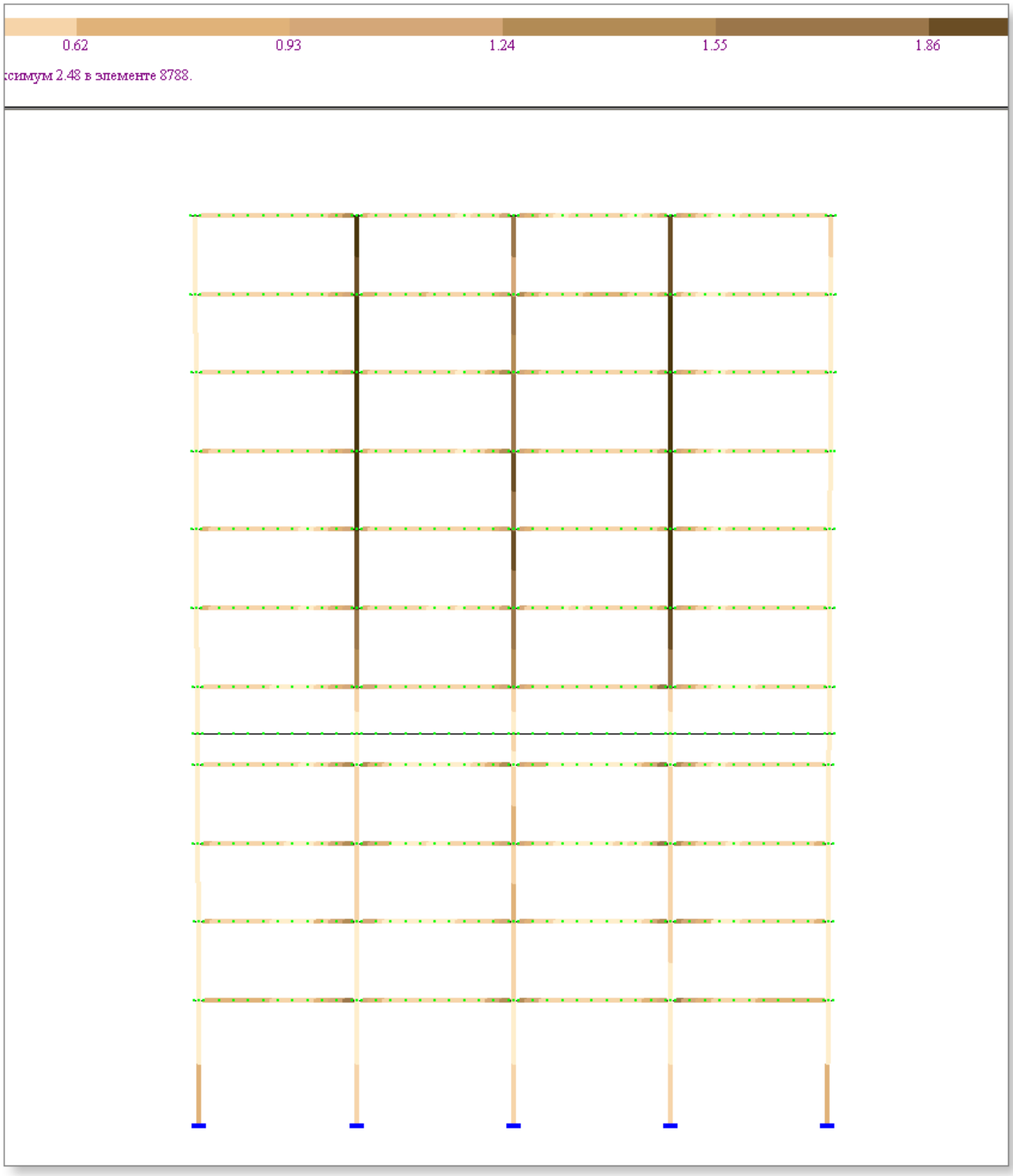
R-R, %


7.68/ 0 (0.96 %)/ 7.04/ 0 (0.88 %)
1.44/ 0 (0.18 %)/ 2.56/ 0 (0.32 %)
7.04/ 0 (0.88 %)/ 4.8/ 0 (0.6 %)
10.72/ 0 (1.34 %)/ 11.52/ 0 (1.44 %)
1.76/ 0 (0.22 %)/ 2.4/ 0 (0.3 %)
10.56/ 0 (1.32 %)/ 11.52/ 0 (1.44 %)
11.2/ 0 (1.4 %)/ 11.68/ 0 (1.46 %)
2.4/ 0 (0.3 %)/ 2.24/ 0 (0.28 %)
11.52/ 0 (1.44 %)/ 12/ 0 (1.5 %)
11.68/ 0 (1.46 %)/ 12.16/ 0 (1.52 %)
3.52/ 0 (0.44 %)/ 3.68/ 0 (0.46 %)
12/ 0 (1.5 %)/ 12.35/ .21 (1.57 %)
12.32/ .08 (1.55 %)/ 12.32/ .08 (1.55 %)
8.16/ 0 (1.02 %)/ 8.32/ 0 (1.04 %)
12.37/ .27 (1.58 %)/ 12.37/ .35 (1.59 %)
7.68/ 0 (0.96 %)/ 10.24/ 0 (1.28 %)
12.39/ .97 (1.67 %)/ 12.37/ .91 (1.66 %)
7.84/ 0 (0.98 %)/ 10.24/ 0 (1.28 %)
4.68/ 0 (0.26 %)/ 12.32/ 3.6 (0.88 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
5.76/ 0 (0.32 %)/ 12.24/ 0 (0.68 %)
8.64/ 0 (0.48 %)/ 1.8/ 0 (0.1 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
6.84/ 0 (0.38 %)/ 1.08/ 0 (0.06 %)
8.64/ 0 (0.48 %)/ 9/ 0 (0.5 %)
0/ 0 (0 %)/ 0/ 0 (0 %)
8.64/ 0 (0.48 %)/ 9/ 0 (0.5 %)
9/ 0 (0.5 %)/ 9/ 0 (0.5 %)
4.32/ 0 (0.24 %)/ 3.96/ 0 (0.22 %)
9/ 0 (0.5 %)/ 8.64/ 0 (0.48 %)
5.76/ 0 (0.32 %)/ 8.64/ 0 (0.48 %)
9.72/ 0 (0.54 %)/ 9.72/ 0 (0.54 %)
5.04/ 0 (0.28 %)/ 8.28/ 0 (0.46 %)
9.36/ 0 (0.52 %)/ 1.44/ 0 (0.08 %)
14.39/ 2.07 (0.91 %)/ 14.21/ 1.89 (0.89 %)
5.76/ 0 (0.32 %)/ 0/ 0 (0 %)

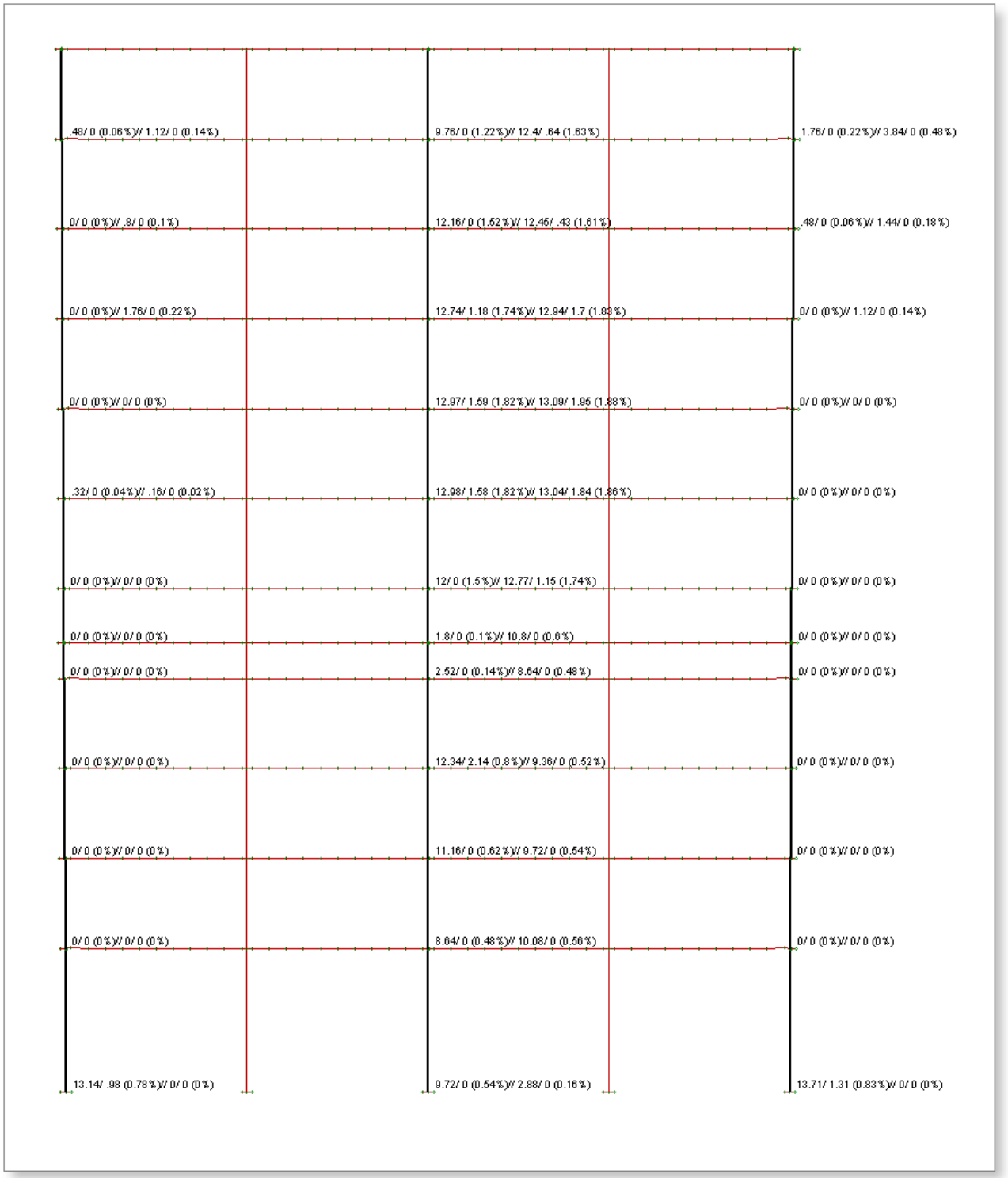
R-R, სმ^2


.32/ 0 (0.04%)// 1.6/ 0 (0.2%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
4.16/ 0 (0.52%)// .32/ 0 (0.04%)
8.64/ 0 (1.08%)// 11.04/ 0 (1.38%)
0/ 0 (0%)// .48/ 0 (0.06%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
3.84/ 0 (0.48%)// .32/ 0 (0.04%)
5.28/ 0 (0.66%)// 5.28/ 0 (0.66%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
3.84/ 0 (0.48%)// .32/ 0 (0.04%)
4/ 0 (0.5%)// 4.16/ 0 (0.52%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
2.08/ 0 (0.26%)// .32/ 0 (0.04%)
3.52/ 0 (0.44%)// 3.52/ 0 (0.44%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
2.88/ 0 (0.36%)// .32/ 0 (0.04%)
5.28/ 0 (0.66%)// 4.96/ 0 (0.62%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
.48/ 0 (0.06%)// 0/ 0 (0%)
2.16/ 0 (0.12%)// 0/ 0 (0%)
9.44/ 0 (1.18%)// 9.28/ 0 (1.16%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// 0/ 0 (0%)
1.08/ 0 (0.06%)// 0/ 0 (0%)
7.92/ 0 (0.44%)// 2.88/ 0 (0.16%)
10.8/ 0 (0.6%)// 7.92/ 0 (0.44%)
0/ 0 (0%)// 0/ 0 (0%)
0/ 0 (0%)// .72/ 0 (0.04%)
0/ 0 (0%)// 0/ 0 (0%)
1.8/ 0 (0.1%)// 1.08/ 0 (0.06%)
7.92/ 0 (0.44%)// 6.02/ 0 (0.33%)
10.8/ 0 (0.6%)// 7.64/ 0 (0.42%)
.36/ 0 (0.02%)// .36/ 0 (0.02%)
.72/ 0 (0.04%)// 2.52/ 0 (0.14%)
1.08/ 0 (0.06%)// 2.52/ 0 (0.14%)
6.06/ 0 (0.34%)// 6.16/ 0 (0.34%)
10.6/ 0 (0.59%)// 8.64/ 0 (0.48%)
12.32/ 3.6 (0.88%)// 12.32/ 3.6 (0.88%)
5.76/ 0 (0.32%)// 5.76/ 0 (0.32%)
6.18/ 0 (0.34%)// 7.58/ 0 (0.42%)
6.18/ 0 (0.34%)// 6.08/ 0 (0.34%)
7.6/ 0 (0.42%)// 7.34/ 0 (0.41%)
15.91/ .01 (0.88%)// 15.91/ .01 (0.88%)
15.92/ 0 (0.88%)// 15.92/ 0 (0.88%)
12.81/ .4 (0.73%)// 13.79/ .15 (0.77%)
13.11/ 3.53 (0.92%)// 15.62/ .38 (0.89%)
15.57/ 13.95 (1.64%)// 15.36/ 4.86 (1.12%)
12.24/ 0 (0.68%)// 11.88/ 0 (0.66%)

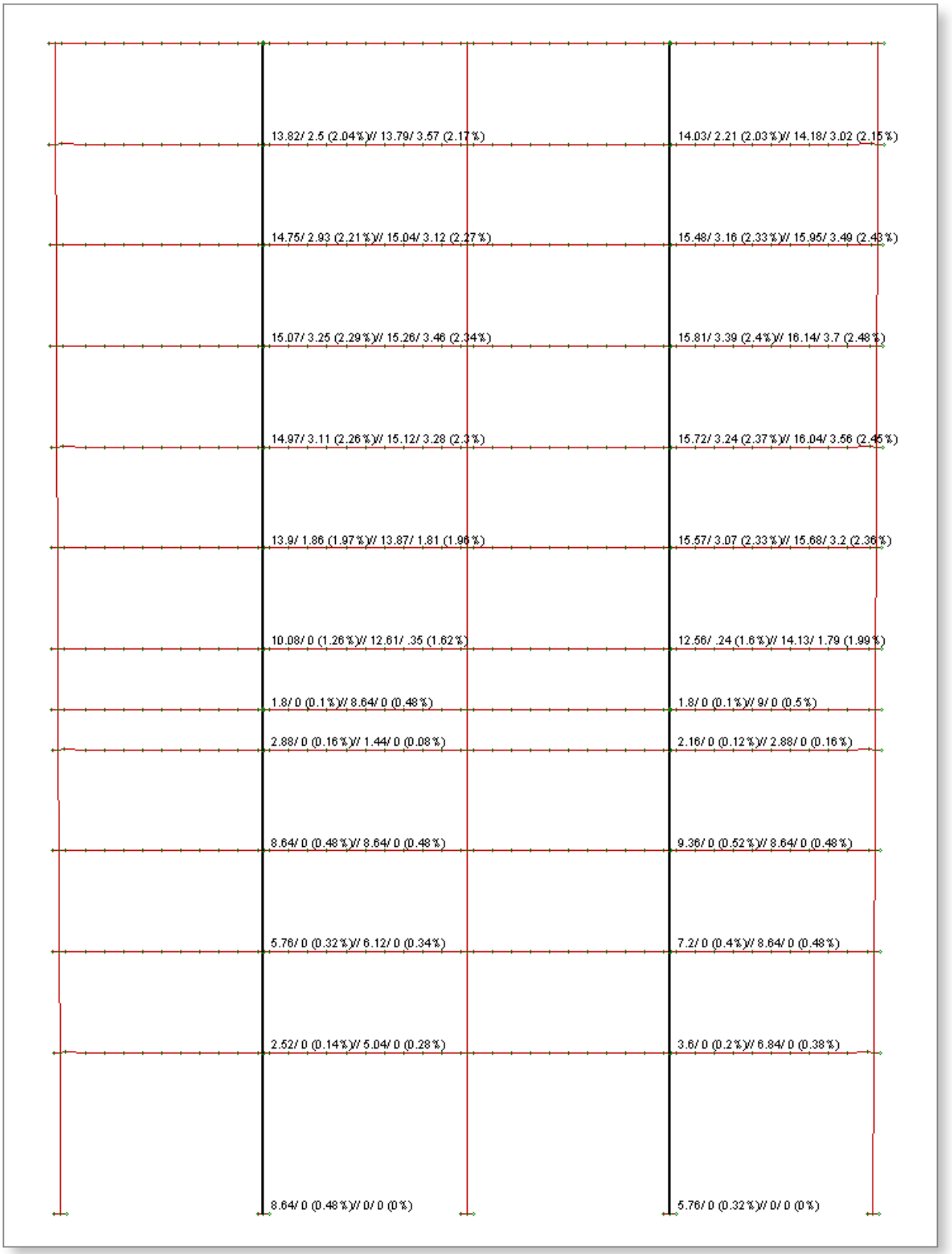
R-R, ъд^2



К-К, %

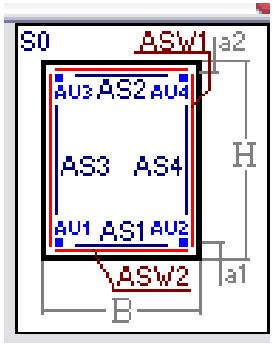

.48/ 0 (0.06%)/ 1.12/ 0 (0.14%)
9.76/ 0 (1.22%)/ 12.4/ .64 (1.63%)
1.76/ 0 (0.22%)/ 3.84/ 0 (0.48%)
0/ 0 (0%)/ .8/ 0 (0.1%)
12.16/ 0 (1.52%)/ 12.45/ .43 (1.61%)
.48/ 0 (0.06%)/ 1.44/ 0 (0.18%)
0/ 0 (0%)/ 1.76/ 0 (0.22%)
12.74/ 1.18 (1.74%)/ 12.94/ 1.7 (1.83%)
0/ 0 (0%)/ 1.12/ 0 (0.14%)
0/ 0 (0%)/ 0/ 0 (0%)
12.97/ 1.59 (1.82%)/ 13.09/ 1.95 (1.88%)
0/ 0 (0%)/ 0/ 0 (0%)
.32/ 0 (0.04%)/ .16/ 0 (0.02%)
12.98/ 1.58 (1.82%)/ 13.04/ 1.84 (1.86%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
12/ 0 (1.5%)/ 12.77/ 1.15 (1.74%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
1.8/ 0 (0.1%)/ 10.8/ 0 (0.6%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
2.52/ 0 (0.14%)/ 8.64/ 0 (0.48%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
12.34/ 2.14 (0.8%)/ 9.36/ 0 (0.52%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
11.16/ 0 (0.62%)/ 9.72/ 0 (0.54%)
0/ 0 (0%)/ 0/ 0 (0%)
0/ 0 (0%)/ 0/ 0 (0%)
8.64/ 0 (0.48%)/ 10.08/ 0 (0.56%)
0/ 0 (0%)/ 0/ 0 (0%)
13.14/ .98 (0.78%)/ 0/ 0 (0%)
9.72/ 0 (0.54%)/ 2.88/ 0 (0.16%)
13.71/ 1.31 (0.83%)/ 0/ 0 (0%)

K-K, ъϑ²

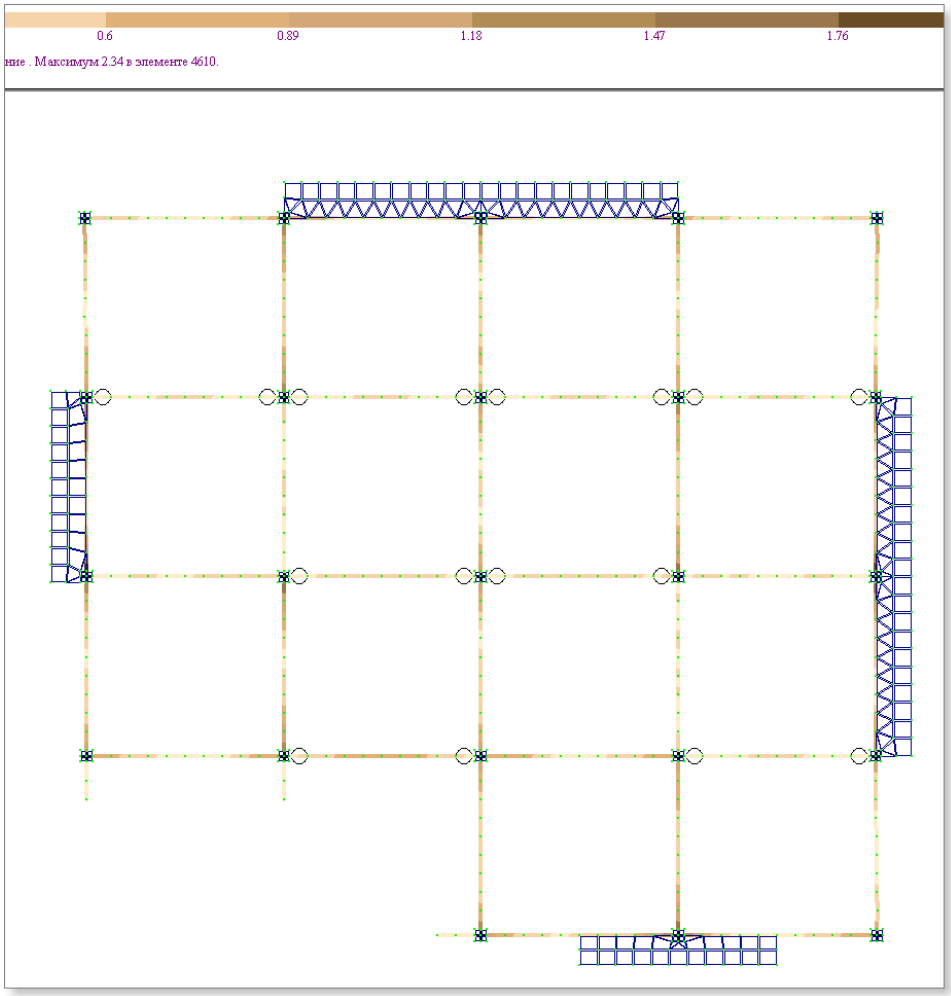

13.82/ 2.5 (2.04%)// 13.79/ 3.57 (2.17%)
14.03/ 2.21 (2.03%)// 14.18/ 3.02 (2.15%)
14.75/ 2.93 (2.21%)// 15.04/ 3.12 (2.27%)
15.48/ 3.16 (2.33%)// 15.95/ 3.49 (2.43%)
15.07/ 3.25 (2.29%)// 15.26/ 3.46 (2.34%)
15.81/ 3.39 (2.4%)// 16.14/ 3.7 (2.48%)
14.97/ 3.11 (2.26%)// 15.12/ 3.28 (2.3%)
15.72/ 3.24 (2.37%)// 16.04/ 3.56 (2.45%)
13.9/ 1.86 (1.97%)// 13.87/ 1.81 (1.96%)
15.57/ 3.07 (2.33%)// 15.68/ 3.2 (2.36%)
10.08/ 0 (1.26%)// 12.61/ .35 (1.62%)
12.56/ .24 (1.6%)// 14.13/ 1.79 (1.99%)
1.8/ 0 (0.1%)// 8.64/ 0 (0.48%)
1.8/ 0 (0.1%)// 9/ 0 (0.5%)
2.88/ 0 (0.16%)// 1.44/ 0 (0.08%)
2.16/ 0 (0.12%)// 2.88/ 0 (0.16%)
8.64/ 0 (0.48%)// 8.64/ 0 (0.48%)
9.36/ 0 (0.52%)// 8.64/ 0 (0.48%)
5.76/ 0 (0.32%)// 6.12/ 0 (0.34%)
7.2/ 0 (0.4%)// 8.64/ 0 (0.48%)
2.52/ 0 (0.14%)// 5.04/ 0 (0.28%)
3.6/ 0 (0.2%)// 6.84/ 0 (0.38%)
8.64/ 0 (0.48%)// 0/ 0 (0%)
5.76/ 0 (0.32%)// 0/ 0 (0%)

K-K, ъд^2

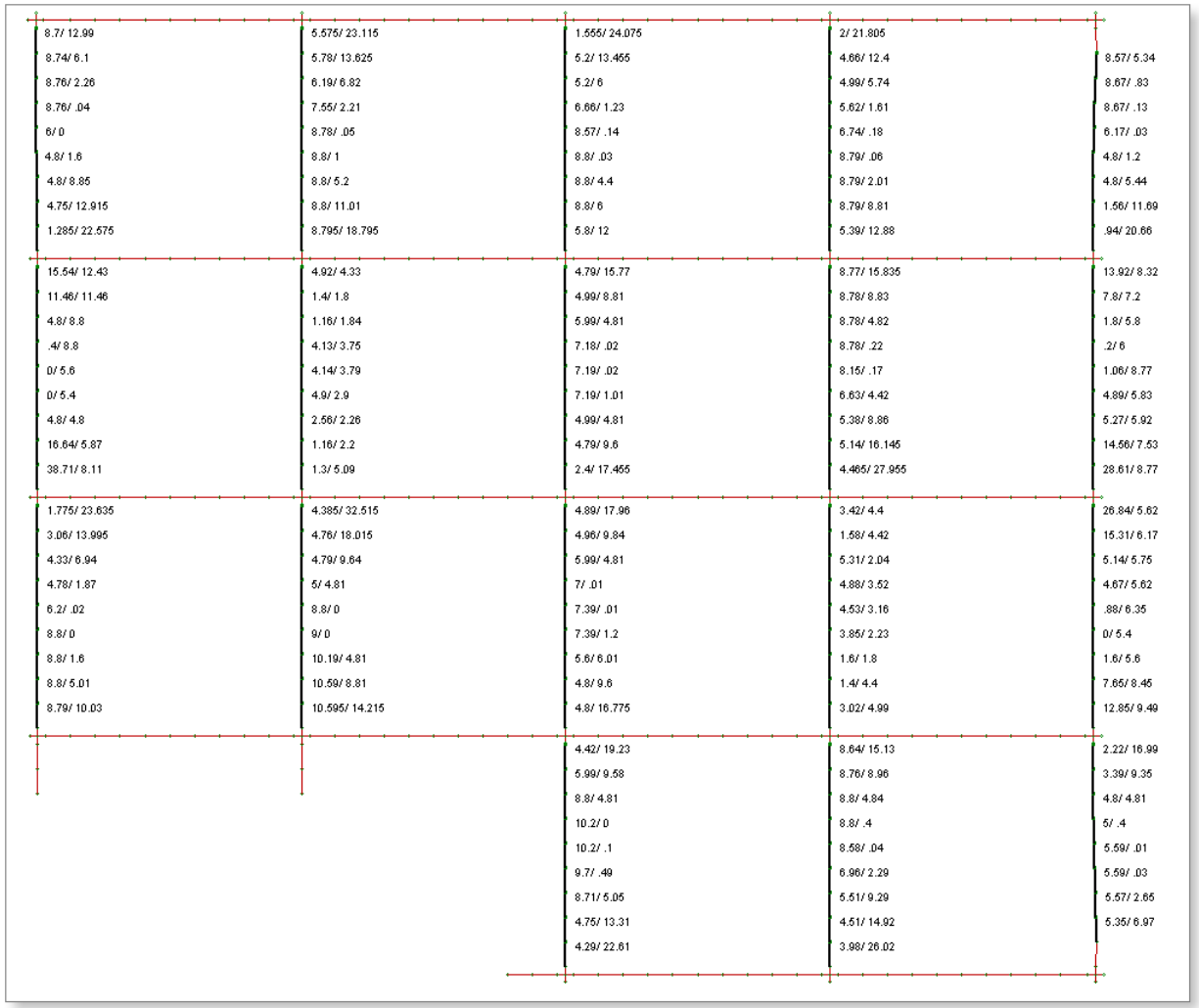
არმატურა რიგელებში



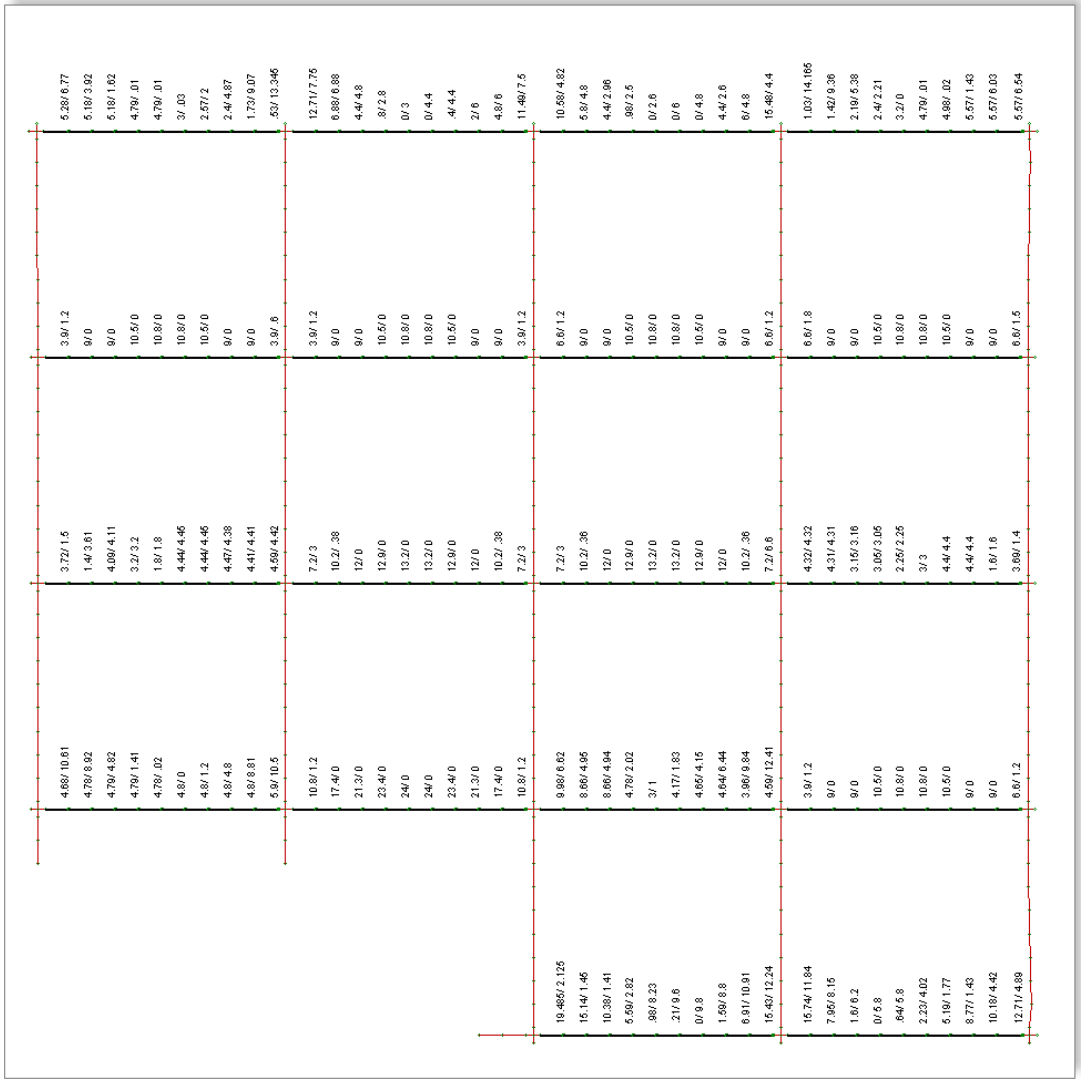
კვეთი1 AU1+AU2+AS1+(AS3+AS4):2/ კვეთი1 AU3+AU4+AS2+(AS3+AS4):2 //
კვეთი2 AU1+AU2+AS1+(AS3+AS4):2/ კვეთი2 AU3+AU4+AS2+(AS3+AS4):2
($სმ^2$)



+6.5, %


8.7/ 12.99
8.74/ 6.1
8.76/ 2.26
8.76/ .04
6/ 0
4.8/ 1.6
4.8/ 8.85
4.75/ 12.915
1.285/ 22.575
5.575/ 23.115
5.78/ 13.625
6.19/ 6.82
7.55/ 2.21
8.78/ .05
8.8/ 1
8.8/ 5.2
8.8/ 11.01
8.795/ 18.795
1.555/ 24.075
5.2/ 13.455
5.2/ 6
6.66/ 1.23
8.57/ .14
8.8/ .03
8.8/ 4.4
8.8/ 6
5.8/ 12
2/ 21.805
4.66/ 12.4
4.99/ 5.74
5.62/ 1.61
6.74/ .18
8.79/ .06
8.79/ 2.01
8.79/ 8.81
5.39/ 12.88
8.57/ 5.34
8.67/ .83
8.67/ .13
6.17/ .03
4.8/ 1.2
4.8/ 5.44
1.56/ 11.69
.94/ 20.66
15.54/ 12.43
11.46/ 11.46
4.8/ 8.8
.4/ 8.8
0/ 5.6
0/ 5.4
4.8/ 4.8
16.64/ 5.87
38.71/ 8.11
4.92/ 4.33
1.4/ 1.8
1.16/ 1.84
4.13/ 3.75
4.14/ 3.79
4.9/ 2.9
2.56/ 2.26
1.16/ 2.2
1.3/ 5.09
4.79/ 15.77
4.99/ 8.81
5.99/ 4.81
7.18/ .02
7.19/ .02
7.19/ 1.01
4.99/ 4.81
4.79/ 9.6
2.4/ 17.455
8.77/ 15.835
8.78/ 8.83
8.78/ 4.82
8.78/ .22
8.15/ .17
6.63/ 4.42
5.38/ 8.86
5.14/ 16.145
4.465/ 27.955
13.92/ 8.32
7.8/ 7.2
1.8/ 5.8
.2/ 6
1.06/ 8.77
4.89/ 5.83
5.27/ 5.92
14.56/ 7.53
28.61/ 8.77
1.775/ 23.635
3.06/ 13.995
4.33/ 6.94
4.78/ 1.87
6.2/ .02
8.8/ 0
8.8/ 1.6
8.8/ 5.01
8.79/ 10.03
4.385/ 32.515
4.76/ 18.015
4.79/ 9.64
5/ 4.81
8.8/ 0
9/ 0
10.19/ 4.81
10.59/ 8.81
10.595/ 14.215
4.89/ 17.96
4.96/ 9.84
5.99/ 4.81
7/ .01
7.39/ .01
7.39/ 1.2
5.6/ 6.01
4.8/ 9.6
4.8/ 16.775
3.42/ 4.4
1.58/ 4.42
5.31/ 2.04
4.88/ 3.52
4.53/ 3.16
3.85/ 2.23
1.6/ 1.8
1.4/ 4.4
3.02/ 4.99
26.84/ 5.62
15.31/ 6.17
5.14/ 5.75
4.67/ 5.62
.88/ 6.35
0/ 5.4
1.6/ 5.6
7.65/ 8.45
12.85/ 9.49
4.42/ 19.23
5.99/ 9.58
8.8/ 4.81
10.2/ 0
10.2/ .1
9.7/ .49
8.71/ 5.05
4.75/ 13.31
4.29/ 22.61
8.64/ 15.13
8.76/ 8.96
8.8/ 4.84
8.8/ .4
8.58/ .04
6.96/ 2.29
5.51/ 9.29
4.51/ 14.92
3.98/ 26.02
2.22/ 16.99
3.39/ 9.35
4.8/ 4.81
5/ .4
5.59/ .01
5.59/ .03
5.57/ 2.65
5.35/ 6.97

+6.5


4.68/ 10.61
4.78/ 8.92
4.79/ 4.82
4.79/ 1.41
4.78/ .02
4.8/ 0
4.8/ 1.2
4.8/ 4.8
4.8/ 8.81
5.9/ 10.5
3.72/ 1.5
1.4/ 3.61
4.09/ 4.11
3.2/ 3.2
1.8/ 1.8
4.44/ 4.45
4.44/ 4.45
4.47/ 4.38
4.41/ 4.41
4.59/ 4.42
3.9/ 1.2
9/ 0
9/ 0
10.5/ 0
10.8/ 0
10.8/ 0
10.5/ 0
9/ 0
9/ 0
3.9/ .6
5.28/ 6.77
5.18/ 3.02
5.18/ 1.62
4.79/ .01
4.79/ .01
3/ .03
2.57/ 2
2.4/ 4.87
1.73/ 9.07
53/ 13.345
10.8/ 1.2
17.4/ 0
21.3/ 0
23.4/ 0
24/ 0
24/ 0
23.4/ 0
21.3/ 0
17.4/ 0
10.8/ 1.2
7.2/ 3
10.2/ .38
12/ 0
12.9/ 0
13.2/ 0
13.2/ 0
12.9/ 0
12/ 0
10.2/ .38
7.2/ 3
3.9/ 1.2
9/ 0
9/ 0
10.5/ 0
10.8/ 0
10.8/ 0
10.5/ 0
9/ 0
9/ 0
3.9/ 1.2
12.71/ 7.75
6.88/ 6.88
4.4/ 4.8
8/ 2.8
0/ 3
0/ 4.4
4/ 4.4
2/ 6
4.8/ 6
11.49/ 7.5
19.485/ 2.125
15.14/ 1.45
10.38/ 1.41
5.59/ 2.82
.98/ 8.23
.21/ 9.6
0/ 9.8
1.59/ 8.8
6.91/ 10.91
15.43/ 12.24
9.98/ 6.62
8.66/ 4.95
8.66/ 4.04
4.78/ 2.02
3/ 1
4.17/ 1.83
4.65/ 4.15
4.64/ 6.44
3.96/ 9.84
4.59/ 12.41
7.2/ 3
10.2/ .36
12/ 0
12.9/ 0
13.2/ 0
13.2/ 0
12.9/ 0
12/ 0
10.2/ .36
7.2/ 6.6
6.6/ 1.2
9/ 0
10.5/ 0
10.8/ 0
10.8/ 0
10.5/ 0
9/ 0
9/ 0
6.6/ 1.2
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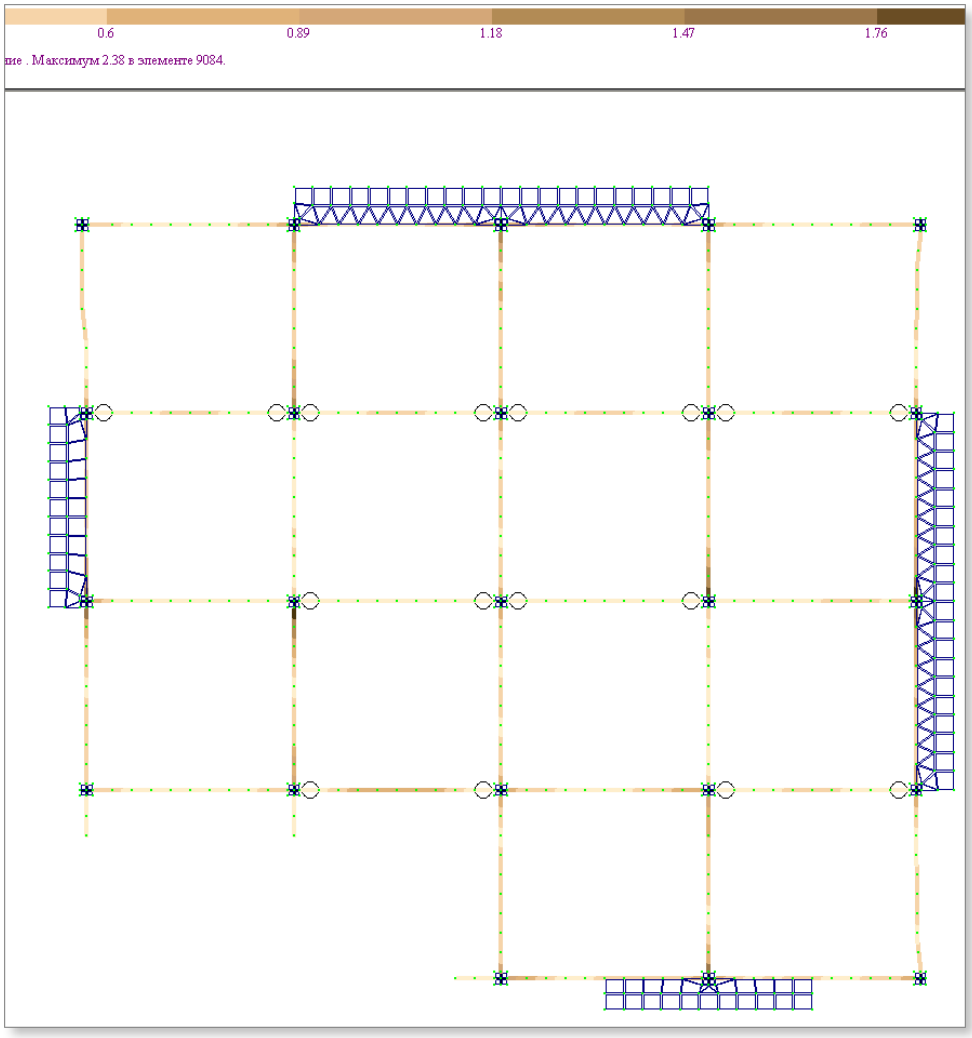

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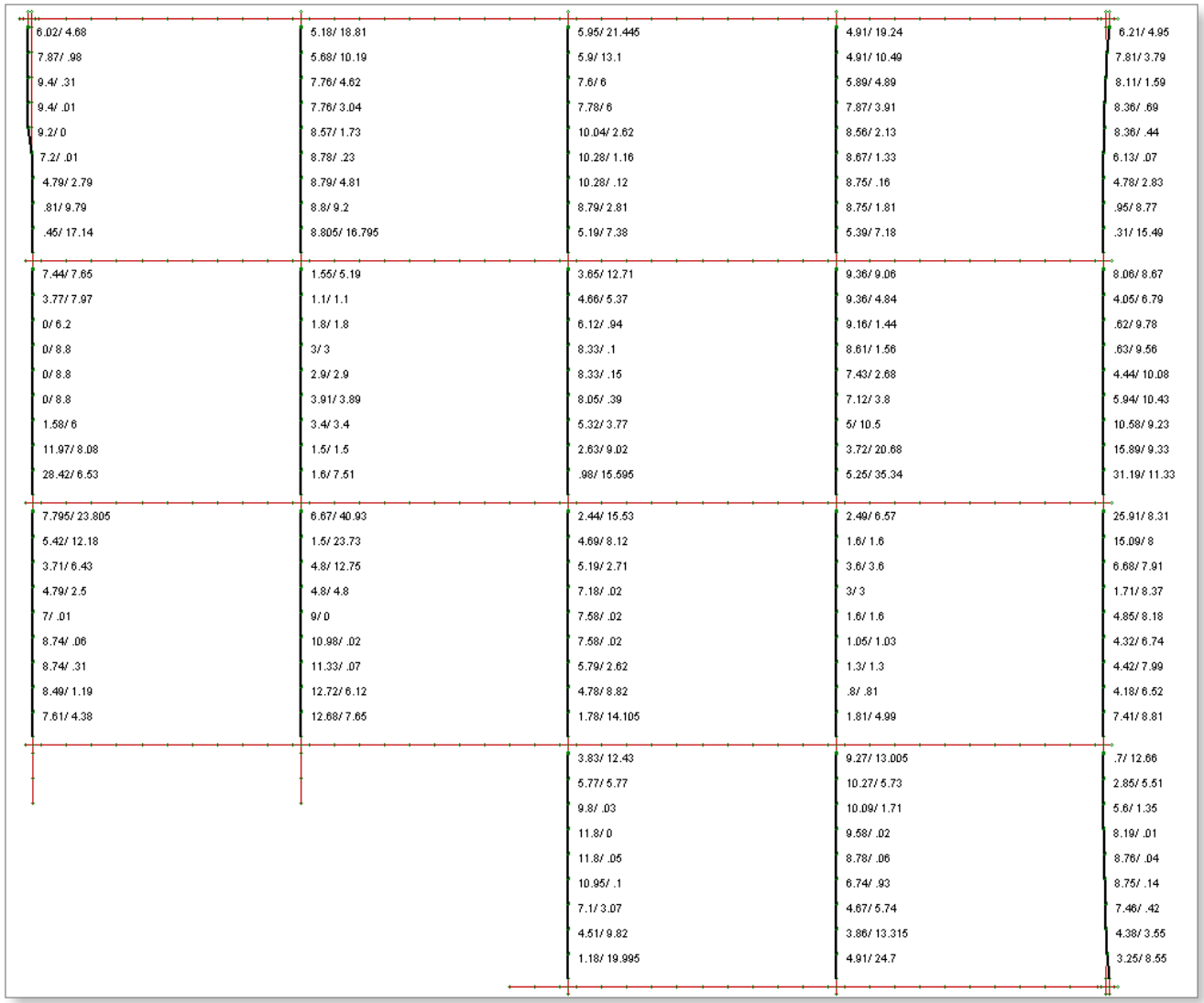
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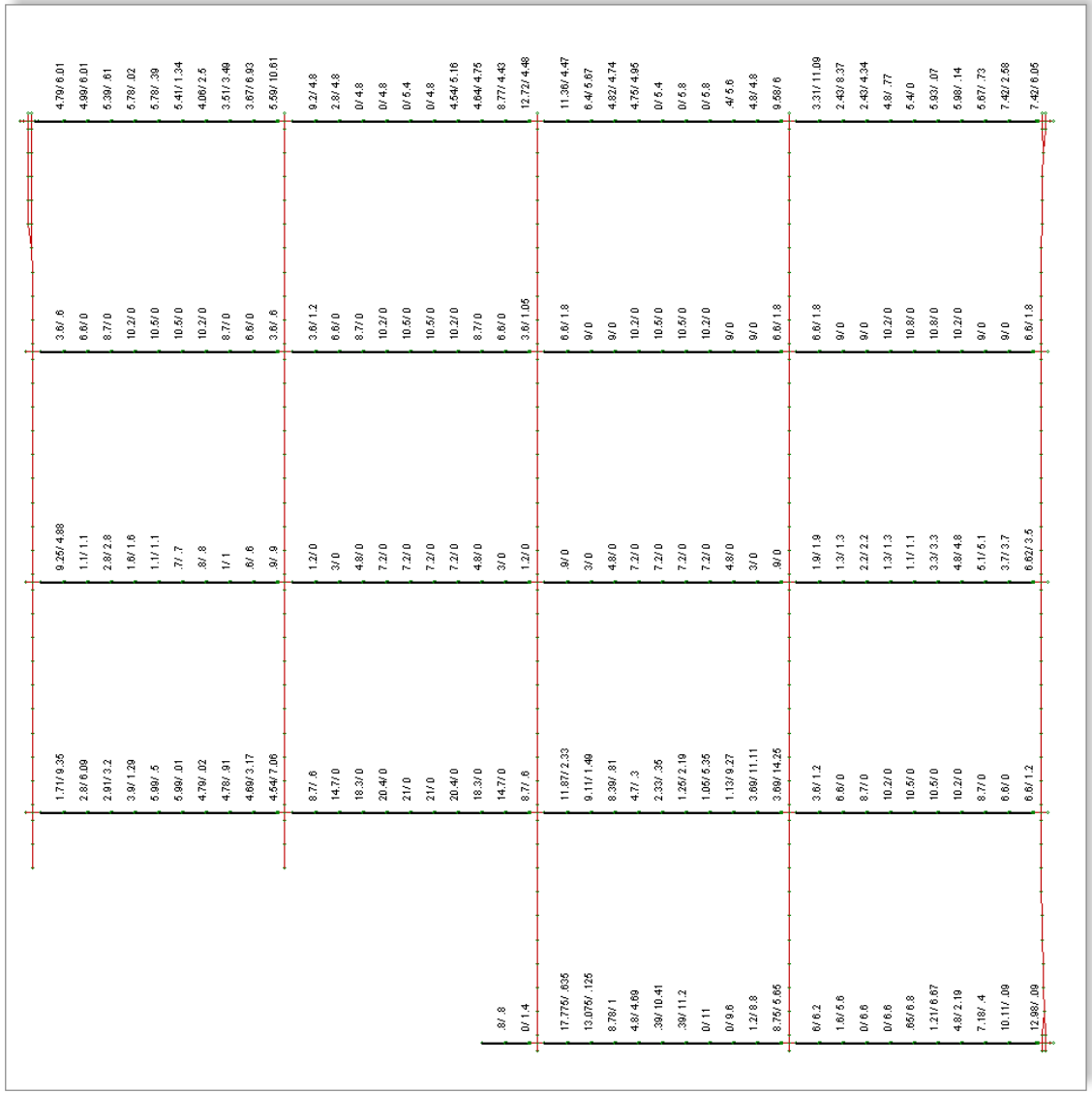
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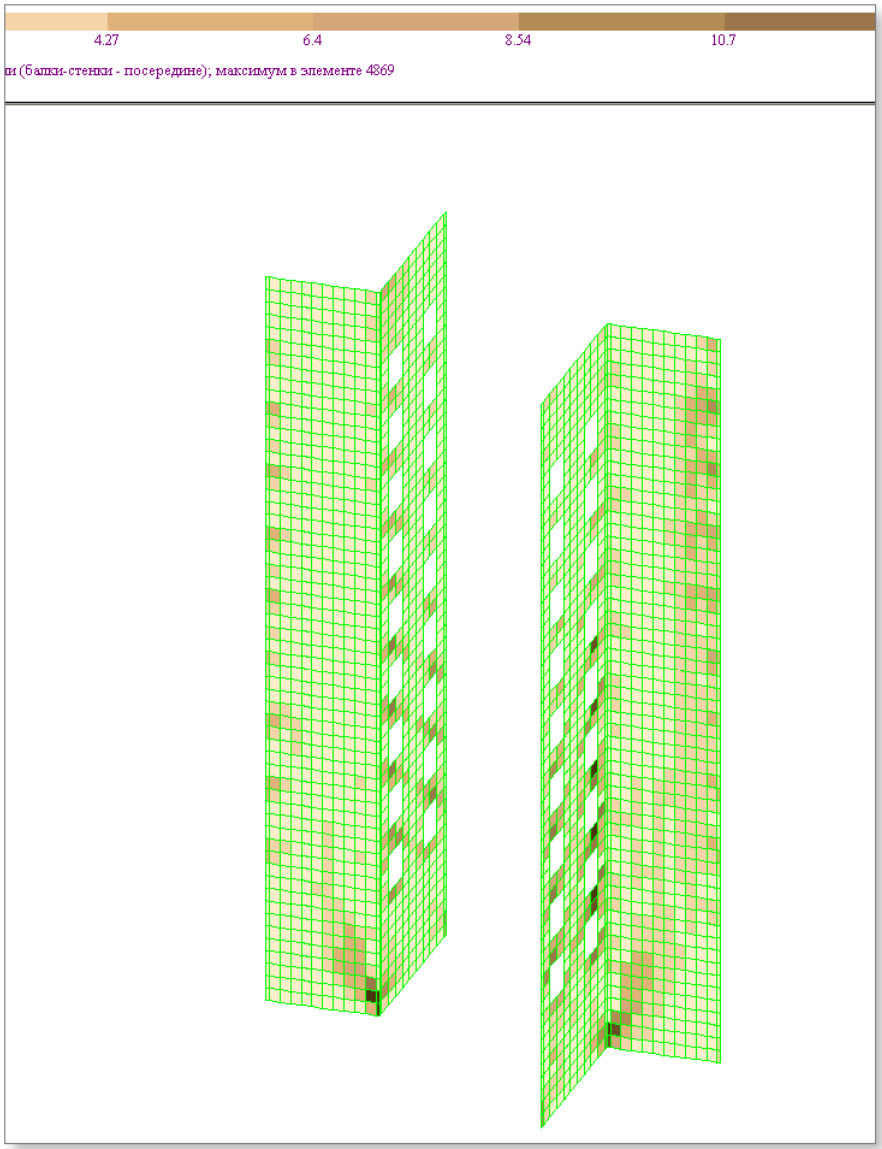

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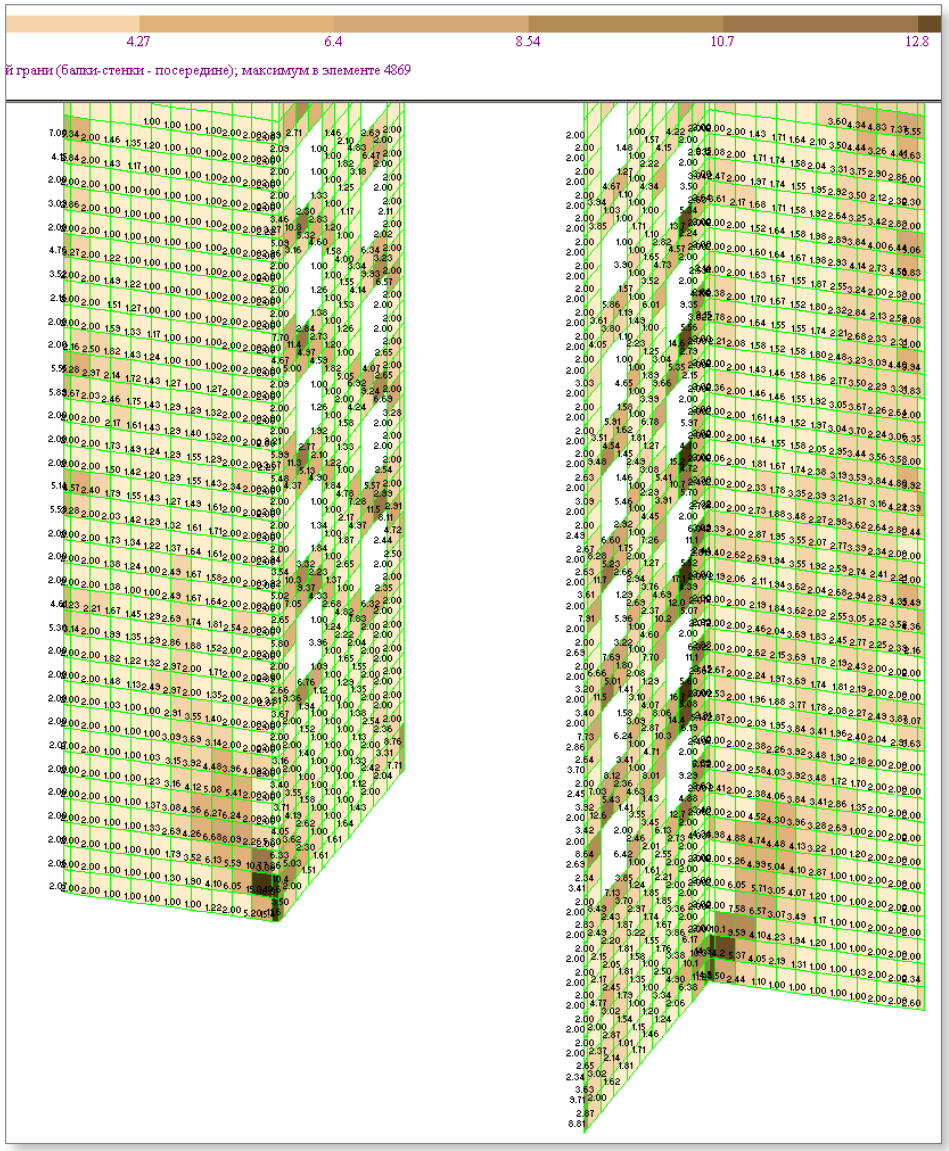

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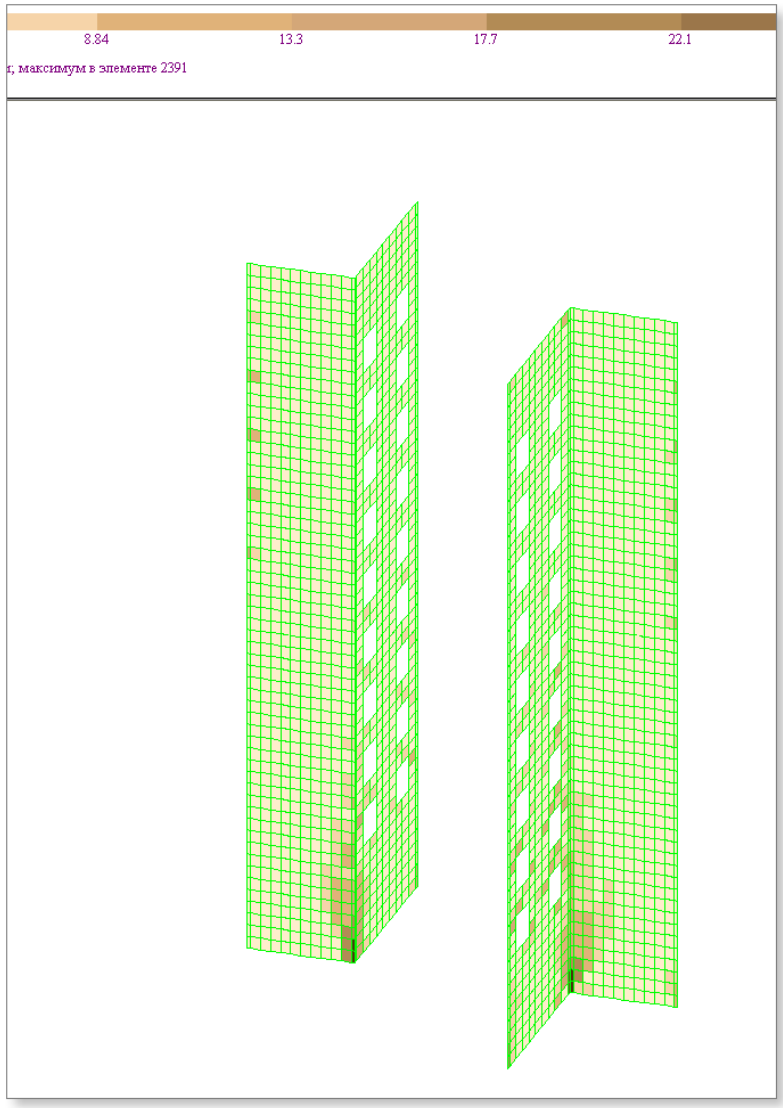

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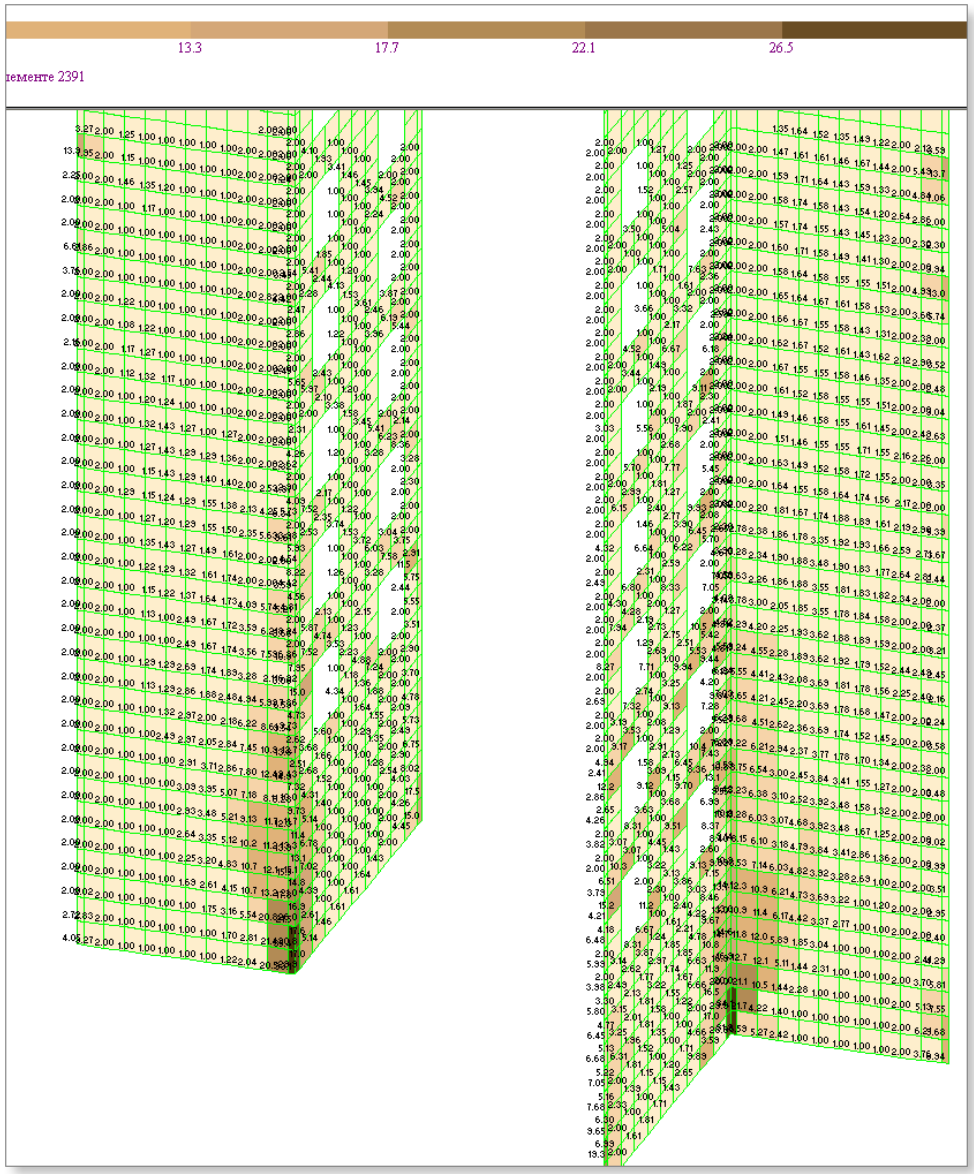

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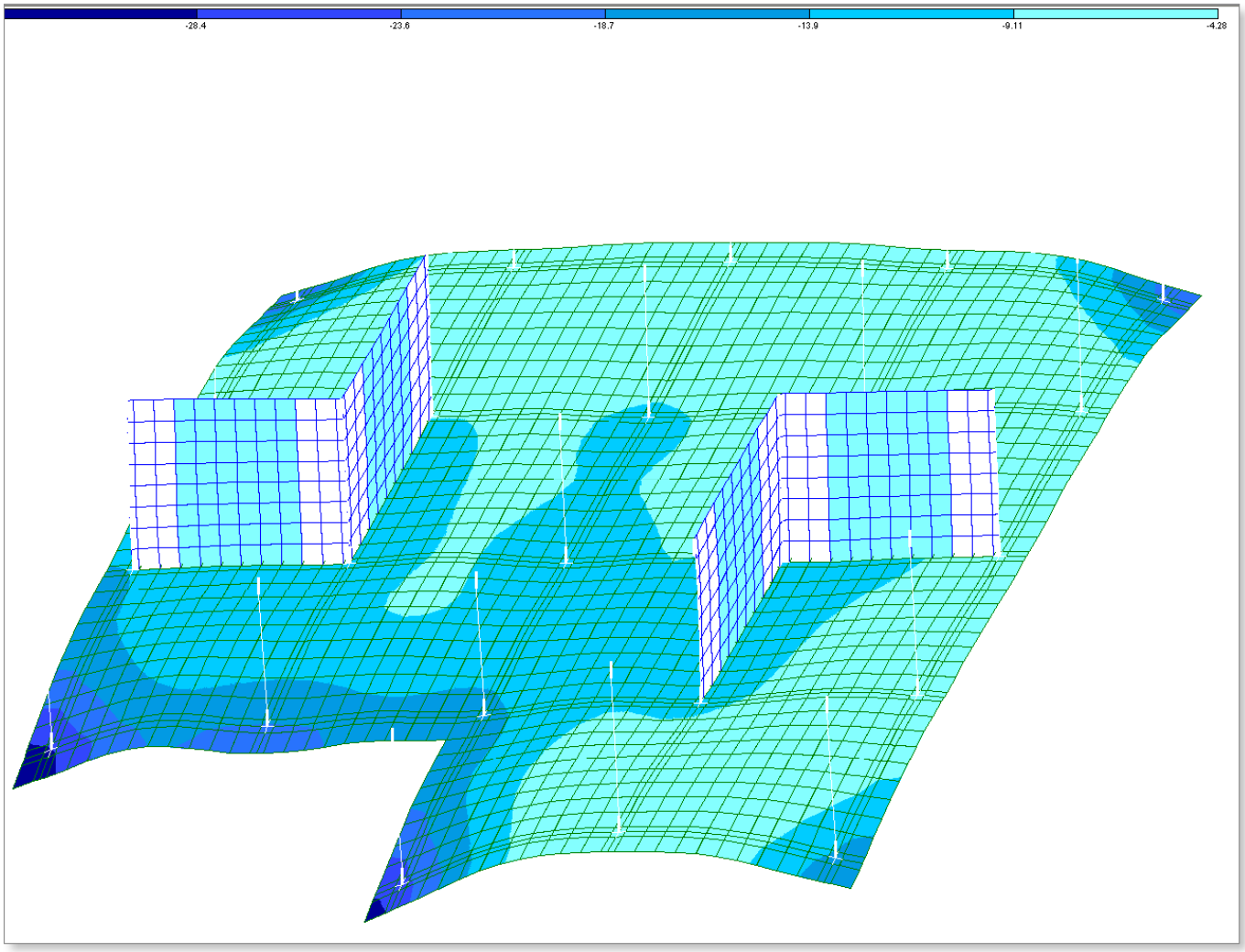
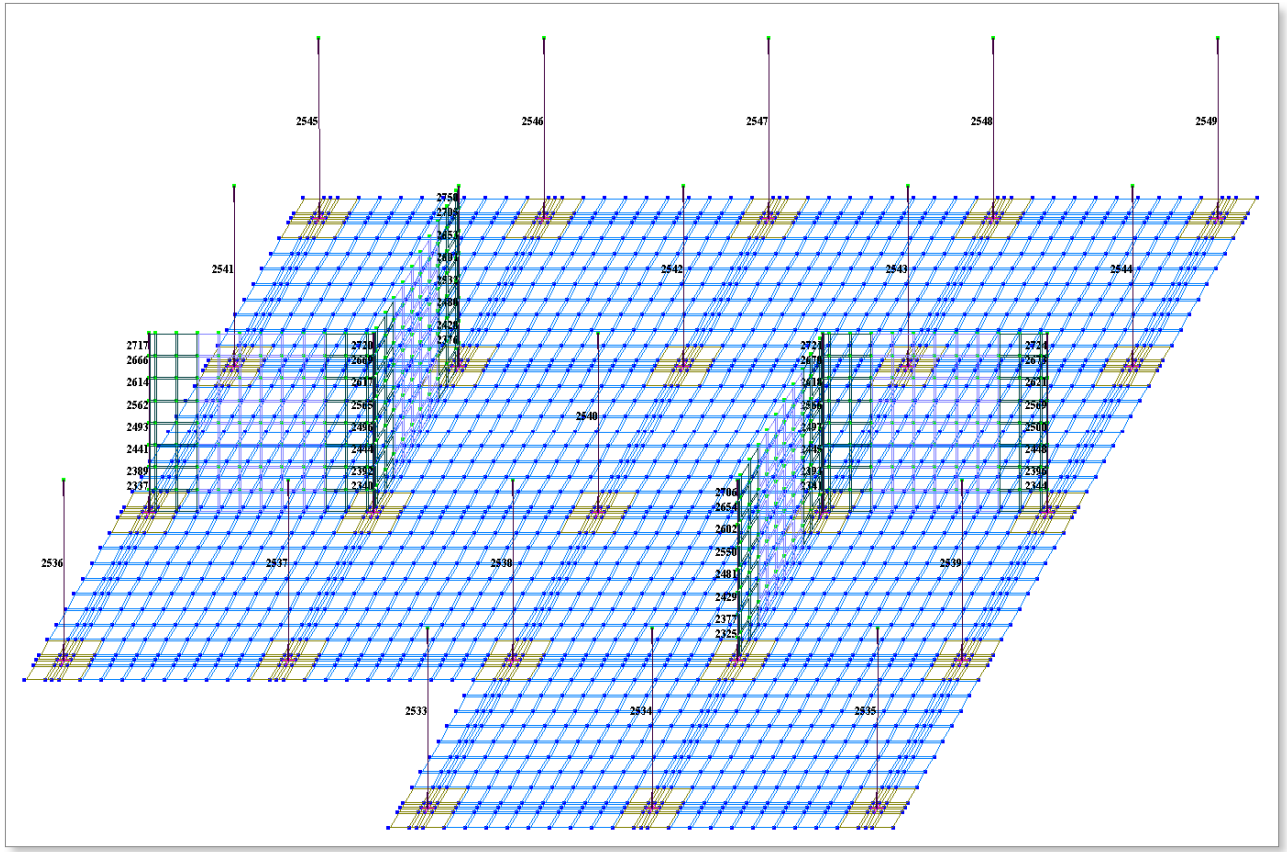
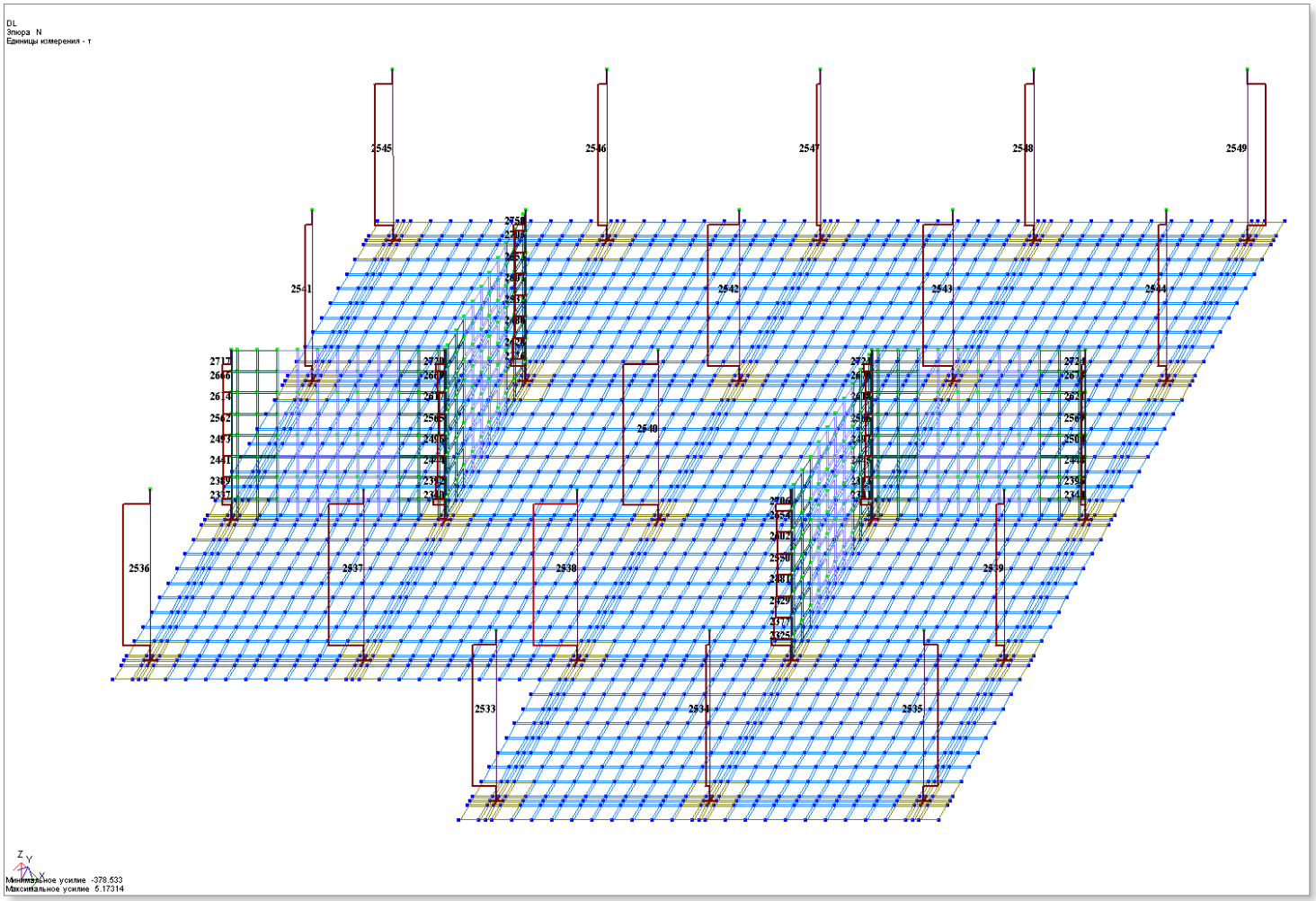


ნორმალური ძაბვები საძირკვლის ქვეშ. დატვირთვა №1, ტ/მ2



ქვედა სვეტების ელემენტების ნუმერაცია



ნორმალური ძალები ქვედა სვეტების ელემენტებში, ტ. დატვირთვა №1

ძალების საანგარიშო კომბინაციები ქვედა სვეტების ელემენტებში

Единицы измерения усилий: тс
Единицы измерения напряжений: тс/м**2
Единицы измерения моментов: тс*м
Единицы измерения распределенных моментов: (тс*м)/м
Единицы измерения распределенных перерезывающих сил: тс/м
Единицы измерения перемещений поверхностей в элементах: м

Tue Nov 13 12:39:44 2007 HOSP2 основная схема 1

РАСЧЕТНЫЕ СОЧЕТАНИЯ

ЭЛМ	НС	КРТ	СТ	КС	N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
2325	1	2	2	A	-227.67	.07189	-.03256	-.23798	-18.915	-29.857	1 2 3
	14	1		A	-170.10	.04425	.00332	-.21882	-14.197	-22.448	1
	1	3	C	B	120.62	.86523	13.175	-7.2831	15.981	23.885	1 6
	2	3	C	B	-466.12	-.76670	-13.194	6.8761	-44.758	-69.351	1 2 3 6
	3	3	C	B	-332.63	.68262	16.720	-8.9842	-33.848	-50.530	1 7
	4	3	C	B	-12.864	-.58408	-16.738	8.5772	5.0708	5.0640	1 2 3 7
	5	3	C	B	-391.49	-.73512	-15.544	8.1865	-38.562	-59.067	1 4
	6	3	C	B	45.990	.83366	15.525	-8.5934	9.7850	13.601	1 2 3 4
	7	3	C	B	72.336	.74547	-14.551	7.3637	11.964	16.761	1 5
	8	3	C	B	-417.84	-.64693	14.533	-7.7707	-40.742	-62.228	1 2 3 5
	13	3	C	B	33.019	.76434	-14.576	7.3507	8.7431	11.702	1 2 3 5
	14	3	C	B	-378.52	-.66580	14.557	-7.7576	-37.520	-57.168	1 5
	15	3	C	B	26.453	-.60296	-16.714	8.5903	8.2925	10.123	1 7
	16	3	C	B	-371.95	.70149	16.695	-8.9972	-37.069	-55.589	1 2 3 7
2325	2	2	2	A	-227.47	.07189	-.14203	-.23798	-5.1808	-29.857	1 2 3
	14	1		A	-169.90	.04425	-.09733	-.21882	-3.8714	-22.448	1
	1	3	C	B	120.80	.86523	9.8295	-7.2831	4.9945	23.885	1 6
	2	3	C	B	-465.94	-.76670	-10.035	6.8761	-12.857	-69.351	1 2 3 6
	5	3	C	B	72.519	.74547	-11.164	7.3637	4.2811	16.761	1 5
	6	3	C	B	-417.65	-.64693	10.959	-7.7707	-12.144	-62.228	1 2 3 5
	13	3	C	B	33.201	.76434	-11.195	7.3507	3.3870	11.702	1 2 3 5
	14	3	C	B	-378.34	-.66580	10.989	-7.7576	-11.249	-57.168	1 5
	15	3	C	B	26.635	-.60296	-12.769	8.5903	3.6361	10.123	1 7
	16	3	C	B	-371.77	.70149	12.563	-8.9972	-11.499	-55.589	1 2 3 7
2337	1	2	2	A	-93.725	-.39220	.33780	1.7429	5.9710	3.7226	1 2 3
	1	3	C	B	5.9966	-.47831	4.4412	-5.6266	11.047	6.5142	1 6
	2	3	C	B	-150.59	-.15361	-3.7111	8.0477	-1.8843	-.77476	1 2 3 6
	3	3	C	B	1.2831	.88902	5.0461	-5.0880	-23.817	-12.644	1 7
	4	3	C	B	-145.87	-1.5209	-4.3160	7.5091	32.980	18.383	1 2 3 7
	7	3	C	B	-131.14	-1.4756	-4.2413	7.0713	32.011	17.796	1 7
	8	3	C	B	-13.454	.84376	4.9714	-4.6502	-22.848	-12.056	1 2 3 7
	19	3	C	B	3.6498	.61610	4.8230	-5.3323	-17.107	-8.9380	1 5
	20	3	C	B	-148.24	-1.2480	-4.0928	7.7533	26.270	14.677	1 2 3 5
2337	2	2	2	A	-93.523	-.39220	1.1395	1.7429	4.2585	3.7226	1 2 3
	1	3	C	B	6.1788	-.47831	1.8539	-5.6266	8.0531	6.5142	1 6
	2	3	C	B	-150.41	-.15361	-.01017	8.0477	-1.5303	-.77476	1 2 3 6
	3	3	C	B	1.4653	.88902	2.7101	-5.0880	-18.002	-12.644	1 7
	4	3	C	B	-145.69	-1.5209	-.86628	7.5091	24.525	18.383	1 2 3 7
	7	3	C	B	-130.95	-1.4756	-.99304	7.0713	23.827	17.796	1 7
	8	3	C	B	-13.272	.84376	2.8368	-4.6502	-17.304	-12.056	1 2 3 7
2340	1	2	2	A	-121.66	.57199	5.6537	-8.7794	-13.233	-20.586	1 2 3
	1	3	C	B	239.55	1.2943	-28.994	40.337	23.501	31.210	1 7
	2	3	C	B	-431.51	-.44476	38.332	-54.802	-44.176	-63.266	1 2 3 7
	19	3	C	B	-152.11	-.36204	18.926	-27.620	-7.3985	-11.738	1 6
	20	3	C	B	-39.840	1.2116	-9.5888	13.156	-13.275	-20.317	1 2 3 6
2340	2	2	2	A	-121.45	.57199	1.6151	-8.7794	-3.7633	-20.586	1 2 3
	1	3	C	B	239.73	1.2943	-10.439	40.337	9.1454	31.210	1 7
	2	3	C	B	-431.33	-.44476	13.123	-54.802	-15.073	-63.266	1 2 3 7
2341	1	2	2	A	-121.12	.33059	-8.8731	12.793	11.504	18.190	1 2 3
	1	3	C	B	231.93	.67139	26.617	-37.321	-23.285	-31.091	1 7
	2	3	C	B	-422.88	-.19020	-40.866	57.870	41.495	59.728	1 2 3 7
	21	3	C	B	-127.69	-.18218	-21.227	30.681	1.5362	3.4408	1 6
	22	3	C	B	-63.255	.66337	6.9779	-10.132	16.673	25.195	1 2 3 6
	23	3	C	B	-46.703	.59375	8.0307	-11.648	15.147	22.685	1 6
	24	3	C	B	-144.25	-.11257	-22.279	32.197	3.0630	5.9511	1 2 3 6
2341	2	2	2	A	-120.92	.33059	-2.9880	12.793	3.1367	18.190	1 2 3
	1	3	C	B	232.11	.67139	9.4497	-37.321	-8.9835	-31.091	1 7
	2	3	C	B	-422.70	-.19020	-14.246	57.870	14.020	59.728	1 2 3 7
2344	1	2	2	A	-49.819	-.01068	-.33545	-1.1096	-2.3133	-1.3946	1 2 3
	1	3	C	B	40.644	.99542	-5.5309	7.0109	16.848	8.9637	1 5

Tue Nov 13 12:39:44 2007 HOSP2 основная схема 2

РАСЧЕТНЫЕ СОЧЕТАНИЯ

ЭЛМ	НС	КРТ	СТ	КС	N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
	2	3	C	B	-115.82	-1.0092	4.8474	-8.4751	-20.011	-10.891	1 2 3 5
	3	3	C	B	42.733	-.69722	-5.3458	7.6106	-21.549	-12.102	1 6
	4	3	C	B	-117.91	.68340	4.6623	-9.0748	18.386	10.175	1 2 3 6
	9	3	C	B	-109.05	.68671	4.6135	-8.7489	18.998	10.531	1 6
	10	3	C	B	33.874	-.70053	-5.2971	7.2847	-22.161	-12.459	1 2 3 6
	11	3	C	B	-106.69	-.91592	4.7193	-8.2872	18.865	10.323	1 4
	12	3	C	B	31.508	.90211	-5.4029	6.8230	-22.028	-12.251	1 2 3 4
2344	2	2	2	A	-49.617	-.01068	-.84587	-1.1096	-1.6718	-1.3946	1 2 3
	1	3	C	B	40.827	.99542	-2.3603	7.0109	12.729	8.9637	1 5
	2	3	C	B	-115.64	-1.0092	1.0033	-8.4751	-15.006	-10.891	1 2 3 5
	3	3	C	B	42.915	-.69722	-1.8461	7.6106	-15.982	-12.102	1 6
	4	3	C	B	-117.73	.68340	.48902	-9.0748	13.706	10.175	1 2 3 6
	5	3	C	B	40.548	.90542	-2.2209	7.1489	-15.950	-11.894	1 4
	6	3	C	B	-115.36	-.91923	.86386	-8.6131	13.674	9.9674	1 2 3 4
	9	3	C	B	-108.87	.68671	.59016	-8.7489	14.154	10.531	1 6

		10	3	C	B	34.057	-.70053	-1.9472	7.2847	-16.430	-12.459	1	2	3	6
		11	3	C	B	-106.50	-.91592	.96501	-8.2872	14.122	10.323	1	4		
		12	3	C	B	31.690	.90211	-2.3221	6.8230	-16.398	-12.251	1	2	3	4
2376	1	2	2		A	-178.87	.39881	-2.3941	1.1668	13.380	21.524	1	2	3	
		1	3	C	B	-271.48	-.27321	7.7415	-4.0433	24.418	38.353	1	6		
		2	3	C	B	1.8418	.88064	-11.397	5.8285	-4.3909	-6.0443	1	2	3	6
		3	3	C	B	110.83	-.54872	8.2403	-3.9390	-17.526	-24.064	1	7		
		4	3	C	B	-380.47	1.1561	-11.895	5.7242	37.553	56.373	1	2	3	7
		5	3	C	B	33.833	.81313	-10.997	5.6360	-6.8709	-9.9776	1	6		
		6	3	C	B	-303.47	-.20570	7.3417	-3.8507	26.898	42.287	1	2	3	6
		7	3	C	B	-348.48	1.0886	-11.496	5.5317	35.073	52.440	1	7		
		8	3	C	B	78.839	-.48121	7.8405	-3.7464	-15.046	-20.130	1	2	3	7
		13	3	C	B	-339.44	1.0578	-12.494	6.3940	32.026	48.967	1	2	3	4
		14	3	C	B	69.797	-.45040	8.8393	-4.6088	-11.998	-16.658	1	4		
2376	2	2	2		A	-178.67	.39881	-1.8574	1.1668	3.4790	21.524	1	2	3	
		1	3	C	B	111.01	-.54872	6.4539	-3.9390	-6.4576	-24.064	1	7		
		2	3	C	B	-380.29	1.1561	-9.2882	5.7242	11.622	56.373	1	2	3	7
		5	3	C	B	34.015	.81313	-8.4137	5.6360	-2.2817	-9.9776	1	6		
		6	3	C	B	-303.29	-.20570	5.5795	-3.8507	7.4469	42.287	1	2	3	6
		13	3	C	B	-339.26	1.0578	-9.5774	6.3940	9.5200	48.967	1	2	3	4
		14	3	C	B	69.979	-.45040	6.7432	-4.6088	-4.3548	-16.658	1	4		
2377	1	2	2		A	-191.47	.03355	-.16746	-.19100	-5.1808	-6.3151	1	2	3	
		14	1		A	-142.78	.01170	-.11808	-.16203	-3.8714	-4.7413	1			
		1	3	C	B	93.892	-.52223	9.6607	-3.1513	4.9945	5.6220	1	6		
		2	3	C	B	-384.16	.55822	-9.9070	2.8398	-12.857	-15.231	1	2	3	6
		5	3	C	B	55.079	.36726	-11.047	2.9177	4.2811	4.2838	1	5		
		6	3	C	B	-345.34	-.33127	10.801	-3.2291	-12.144	-13.893	1	2	3	5
		13	3	C	B	-355.73	.88394	-11.682	3.2332	-12.308	-14.238	1	2	3	4
		14	3	C	B	65.469	-.84796	11.436	-3.5447	4.4456	4.6294	1	4		
		31	3	C	B	18.256	.78680	-12.641	3.3016	3.6361	3.0648	1	7		
		32	3	C	B	-308.52	-.75082	12.395	-3.6131	-11.499	-12.674	1	2	3	7
2377	2	2	2		A	-191.18	.03355	-.29352	-.19100	-1.0128	-6.3151	1	2	3	
		14	1		A	-142.49	.01170	-.22503	-.16203	-.74218	-4.7413	1			
		1	3	C	B	94.153	-.52223	7.5816	-3.1513	1.2845	5.6220	1	6		
		2	3	C	B	-383.90	.55822	-8.0334	2.8398	-2.8052	-15.231	1	2	3	6
		5	3	C	B	55.341	.36726	-9.1263	2.9177	1.4944	4.2838	1	5		
		6	3	C	B	-345.08	-.33127	8.6744	-3.2291	-3.0152	-13.893	1	2	3	5
		13	3	C	B	-355.47	.88394	-9.5577	3.2332	-2.9483	-14.238	1	2	3	4
		14	3	C	B	65.730	-.84796	9.1058	-3.5447	1.4276	4.6294	1	4		
		31	3	C	B	18.517	.78680	-10.468	3.3016	1.6141	3.0648	1	7		
		32	3	C	B	-308.26	-.75082	10.016	-3.6131	-3.1349	-12.674	1	2	3	7
2389	1	2	2		A	-86.571	.10688	1.1395	-.83667	4.1561	1.5956	1	2	3	
		1	3	C	B	-118.32	.86602	-.99304	.56522	23.431	7.6187	1	7		
		2	3	C	B	-15.426	-.72482	2.8368	-1.9406	-17.068	-5.1546	1	2	3	7
		3	3	C	B	-1.9313	-.75612	2.7101	-1.8607	-17.752	-5.4041	1	7		
		4	3	C	B	-131.81	.89732	-.86628	.48538	24.115	7.8682	1	2	3	7
		11	3	C	B	-133.05	-.70318	-.43084	.38001	17.910	5.9416	1	2	3	4

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.			
		12	3	C	B	-.69956	.84438	2.2746	-1.7553	-11.547	-3.4775	1	4		
		15	3	C	B	-119.55	-.73448	-.55760	.45985	17.227	5.6922	1	4		
		16	3	C	B	-14.194	.87568	2.4014	-1.8352	-10.864	-3.2281	1	2	3	4
		17	3	C	B	.40352	.51830	1.8539	-1.6648	7.8994	2.7421	1	6		
		18	3	C	B	-134.15	-.37710	-.01017	.28947	-1.5362	-.27798	1	2	3	6
2389	2	2	2		A	-86.280	.10688	.58735	-.83667	3.1030	1.5956	1	2	3	
		1	3	C	B	.66488	.51830	.75609	-1.6648	6.0912	2.7421	1	6		
		2	3	C	B	-133.89	-.37710	.17997	.28947	-1.3543	-.27798	1	2	3	6
		3	3	C	B	-1.6700	-.75612	1.4849	-1.8607	-14.186	-5.4041	1	7		
		4	3	C	B	-131.55	.89732	-.54887	.48538	18.922	7.8682	1	2	3	7
		7	3	C	B	-118.06	.86602	-.62293	.56522	18.404	7.6187	1	7		
		8	3	C	B	-15.165	-.72482	1.5590	-1.9406	-13.667	-5.1546	1	2	3	7
		11	3	C	B	-132.78	-.70318	-.21708	.38001	13.990	5.9416	1	2	3	4
		12	3	C	B	-.43820	.84438	1.1531	-1.7553	-9.2537	-3.4775	1	4		
		15	3	C	B	-119.29	-.73448	-.29114	.45985	13.471	5.6922	1	4		
		16	3	C	B	-13.933	.87568	1.2272	-1.8352	-8.7349	-3.2281	1	2	3	4
2392	1	2	2		A	-92.803	.51881	1.2616	-1.8686	-3.0088	-4.1768	1	2	3	
		14	1		A	-74.184	.37560	1.1137	-1.6117	-2.4154	-3.2831	1			
		1	3	C	B	174.18	1.3428	-9.0242	8.8140	7.9862	7.0856	1	7		
		2	3	C	B	-320.42	-.56900	11.130	-11.890	-12.739	-13.605	1	2	3	7
		13	3	C	B	161.46	1.4406	-8.9233	8.6386	7.5810	6.4754	1	2	3	7
		14	3	C	B	-307.71	-.66680	11.029	-11.715	-12.334	-12.995	1	7		
2392	2	2	2		A	-92.513	.51881	.02835	-1.8686	-.25214	-4.1768	1	2	3	
		14	1		A	-73.893	.37560	.04999	-1.6117	-.24856	-3.2831	1			
		1	3	C	B	174.44	1.3428	-3.2071	8.8140	3.3097	7.0856	1	7		
		2	3	C	B	-320.16	-.56900	3.2823	-11.890	-3.7595	-13.605	1	2	3	7
		13	3	C	B	161.73	1.4406	-3.2219	8.6386	3.3072	6.4754	1	2	3	7
		14	3	C	B	-307.45	-.66680	3.2971	-11.715	-3.7571	-12.995	1	7		
2393	1	2	2		A	-90.994	.28575	-2.4980	2.9043	2.4615	3.6400	1	2	3	
		1	3	C	B	169.23	.69369	8.1189	-8.1004	-7.8478	-7.0258	1	7		
		2	3	C	B	-312.39	-.27786	-12.131	12.750	11.821	12.789	1	2	3	7
2393	2	2	2		A	-90.704	.28575	-.58123	2.9043	.05917	3.6400	1	2	3	
		1	3	C	B	169.50	.69369	2.7728	-8.1004	-3.2108	-7.0258	1	7		
		2	3	C	B	-312.12	-.27786	-3.7159	12.750	3.3809	12.789	1	2	3	7
2396	1	2	2		A	-45.129	.16670	-.84587	.51103	-1.6397	-.57097	1	2	3	
		15	1		A	-33.444	.10787	-.69774	.44220	-.99504	-.35428	1			
		1	3	C	B	32.942	-.34524	-2.3603	1.7905	12.538	3.9096	1	5		
		2	3	C	B	-101.12	.57959	1.0033	-.94760	-14.769	-4.6953	1	2	3	5
		3	3	C	B	33.262	.84022	-1.8461	1.7444	-15.716	-5.1465	1	6		
		4	3	C	B	-101.44	-.60587	.48902	-.90146	13.485	4.3608	1	2	3	6
		5	3	C	B	32.245	-.71777	-2.2209	1.7748	-15.691	-5.0822	1	4		

		6	3	C	B	-100.42	.95212	.86386	-.93184	13.460	4.2965	1	2	3	4		
		7	3	C	B	31.518	-.45785	-2.6326	1.8119	12.444	3.8142	1	7				
		8	3	C	B	-99.697	.69220	1.2755	-.96896	-14.676	-4.5999	1	2	3	7		
		9	3	C	B	-92.444	.91195	.96501	-.97883	13.900	4.4445	1	4				
		10	3	C	B	24.265	-.67760	-2.3221	1.8218	-16.132	-5.2302	1	2	3	4		
		11	3	C	B	-93.462	-.64605	.59016	-.94845	13.925	4.5088	1	6				
		12	3	C	B	25.283	.88039	-1.9472	1.7914	-16.157	-5.2945	1	2	3	6		
		31	3	C	B	23.538	-.41767	-2.7338	1.8589	12.004	3.6662	1	2	3	7		
		32	3	C	B	-91.717	.65202	1.3767	-1.0159	-14.235	-4.4519	1	7				
2396	2	2	2		A	-44.839	.16670	-.50859	.51103	-1.2629	-.57097	1	2	3			
		15	1		A	-33.153	.10787	-.40588	.44220	-.76121	-.35428	1					
		1	3	C	B	33.203	-.34524	-1.2191	1.7905	9.9597	3.9096	1	5				
		2	3	C	B	-100.85	.57959	.41840	-.94760	-11.672	-4.6953	1	2	3	5		
		3	3	C	B	33.524	.84022	-.69661	1.7444	-12.320	-5.1465	1	6				
		4	3	C	B	-101.18	-.60587	-.10411	-.90146	10.607	4.3608	1	2	3	6		
		5	3	C	B	32.506	-.71777	-1.1022	1.7748	-12.340	-5.0822	1	4				
		6	3	C	B	-100.16	.95212	.30154	-.93184	10.627	4.2965	1	2	3	4		
		7	3	C	B	31.779	-.45785	-1.4392	1.8119	9.9303	3.8142	1	7				
		8	3	C	B	-99.435	.69220	.63855	-.96896	-11.643	-4.5999	1	2	3	7		
		9	3	C	B	-92.183	.91195	.37167	-.97883	10.970	4.4445	1	4				

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
		10	3	C	B	24.527	-.67760	-1.1724	1.8218	-12.683	-5.2302	1 2 3 4
		11	3	C	B	-93.200	-.64605	-.03398	-.94845	10.950	4.5088	1 6
		12	3	C	B	25.544	.88039	-.76674	1.7914	-12.663	-5.2945	1 2 3 6
		31	3	C	B	23.800	-.41767	-1.5094	1.8589	9.5876	3.6662	1 2 3 7
		32	3	C	B	-91.456	.65202	.70868	-1.0159	-11.300	-4.4519	1 7
2428	1	2	2		A	-151.81	.21008	-1.8276	.51506	3.4790	4.3611	1 2 3
		1	3	C	B	86.931	.85497	6.4224	-1.3455	-6.4576	-6.2766	1 7
		2	3	C	B	-315.70	-.53687	-9.2114	2.1296	11.622	12.787	1 2 3 7
		5	3	C	B	23.539	-.50077	-8.3245	2.1077	-2.2817	-2.5218	1 6
		6	3	C	B	-252.30	.81886	5.5356	-1.3236	7.4469	9.0329	1 2 3 6
		9	3	C	B	-291.74	.39035	-8.3431	1.9194	10.168	11.424	1 2 3 5
		10	3	C	B	62.974	-.07226	5.5541	-1.1352	-5.0034	-4.9133	1 5
		15	3	C	B	-254.73	-.75600	-9.1753	2.2857	8.8494	10.027	1 4
		16	3	C	B	25.965	1.0740	6.3864	-1.5016	-3.6842	-3.5159	1 2 3 4
		31	3	C	B	-281.93	-.71929	-9.4815	2.3731	9.5200	10.845	1 2 3 4
		32	3	C	B	53.163	1.0373	6.6926	-1.5890	-4.3548	-4.3343	1 4
2428	2	2	2		A	-151.52	.21008	-1.4876	.51506	.60070	4.3611	1 2 3
		1	3	C	B	87.193	.85497	5.5506	-1.3455	-2.3160	-6.2766	1 7
		2	3	C	B	-315.44	-.53687	-7.8220	2.1296	3.1838	12.787	1 2 3 7
		5	3	C	B	23.800	-.50077	-6.9381	2.1077	-.61853	-2.5218	1 6
		6	3	C	B	-252.04	.81886	4.6667	-1.3236	1.4863	9.0329	1 2 3 6
		9	3	C	B	-291.48	.39035	-7.0807	1.9194	2.6487	11.424	1 2 3 5
		10	3	C	B	63.236	-.07226	4.8093	-1.1352	-1.7809	-4.9133	1 5
		15	3	C	B	-254.47	-.75600	-7.6830	2.2857	2.2587	10.027	1 4
		16	3	C	B	26.226	1.0740	5.4116	-1.5016	-1.3909	-3.5159	1 2 3 4
		31	3	C	B	-281.67	-.71929	-7.9315	2.3731	2.3892	10.845	1 2 3 4
		32	3	C	B	53.424	1.0373	5.6601	-1.5890	-1.5214	-4.3343	1 4
2429	1	2	2		A	-170.50	.00457	-.31214	-.15073	-1.0128	-.92267	1 2 3
		14	1		A	-126.81	-.01297	-.24082	-.12658	-.74218	-.68887	1
		1	3	C	B	74.586	-.84844	7.2393	-2.7437	1.2845	.91470	1 6
		2	3	C	B	-332.68	.83707	-7.7215	2.4994	-2.8052	-2.3143	1 2 3 6
		5	3	C	B	42.021	.79023	-8.8079	2.5466	1.4944	.75830	1 5
		6	3	C	B	-300.12	-.80160	8.3257	-2.7909	-3.0152	-2.1579	1 2 3 5
		9	3	C	B	11.167	1.2752	-10.112	2.8182	1.6141	.61761	1 7
		10	3	C	B	-269.26	-1.2866	9.6300	-3.0626	-3.1349	-2.0172	1 2 3 7
		11	3	C	B	50.700	-1.3070	8.7267	-3.0229	1.4276	.79629	1 4
		12	3	C	B	-308.80	1.2957	-9.2089	2.7786	-2.9483	-2.1959	1 2 3 4
		13	3	C	B	-18.664	1.2872	-10.160	2.8017	1.4293	.45795	1 2 3 7
		14	3	C	B	-239.43	-1.2986	9.6787	-3.0461	-2.9500	-1.8575	1 7
		33	3	C	B	-278.96	1.2837	-9.1602	2.7951	-2.7635	-2.0362	1 4
		34	3	C	B	20.868	-1.2950	8.6780	-3.0394	1.2428	.63663	1 2 3 4
2429	2	2	2		A	-170.21	.00457	-.41163	-.15073	-.40386	-.92267	1 2 3
		14	1		A	-126.52	-.01297	-.32436	-.12658	-.28752	-.68887	1
		1	3	C	B	74.847	-.84844	5.4289	-2.7437	.68128	.91470	1 6
		2	3	C	B	-332.42	.83707	-6.0724	2.4994	-1.2782	-2.3143	1 2 3 6
		3	3	C	B	50.961	-1.3070	6.7431	-3.0229	-1.4470	.79629	1 4
		4	3	C	B	-308.54	1.2957	-7.3865	2.7786	.85006	-2.1959	1 2 3 4
		5	3	C	B	42.282	.79023	-7.1365	2.5466	1.0207	.75830	1 5
		6	3	C	B	-299.86	-.80160	6.4931	-2.7909	-1.6177	-2.1579	1 2 3 5
		9	3	C	B	11.429	1.2752	-8.2564	2.8182	1.2069	.61761	1 7
		10	3	C	B	-269.00	-1.2866	7.6130	-3.0626	-1.8039	-2.0172	1 2 3 7
		13	3	C	B	-18.403	1.2872	-8.3160	2.8017	1.1274	.45795	1 2 3 7
		14	3	C	B	-239.17	-1.2986	7.6726	-3.0461	-1.7244	-1.8575	1 7
		33	3	C	B	-278.70	1.2837	-7.3269	2.7951	.92952	-2.0362	1 4
		34	3	C	B	21.129	-1.2950	6.6835	-3.0394	-1.5265	.63663	1 2 3 4
2441	1	2	2		A	-85.337	.36739	.58735	-.42663	2.9365	1.3072	1 2 3
		1	3	C	B	-5.3603	.91621	.75609	-.39437	5.8008	2.3017	1 6
		2	3	C	B	-126.66	-.37052	.17997	-.28541	-1.3209	-.28613	1 2 3 6
		3	3	C	B	-5.6154	-1.3603	1.4849	-.48562	-13.587	-4.8528	1 7
		4	3	C	B	-126.41	1.9060	-.54887	-.19415	18.067	6.8684	1 2 3 7
		7	3	C	B	-113.22	1.8353	-.62293	-.14027	17.574	6.6621	1 7
		8	3	C	B	-18.804	-1.2896	1.5590	-.53950	-13.094	-4.6465	1 2 3 7
		11	3	C	B	-126.42	-1.0259	-.21708	-.23846	13.348	5.1367	1 2 3 4

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.

		12	3	C	B	-5.6086	1.5715	1.1531	-.44131	-8.8687	-3.1211	1	4			
		18	3	C	B	-126.83	1.4257	-.33446	-.22456	14.352	5.4827	1	2	3	5	
2441	2	2	2		A	-85.046	.36739	.30577	-.42663	2.0737	1.3072	1	2	3		
		1	3	C	B	-5.0989	.91621	.49631	-.39437	4.2828	2.3017	1	6			
		2	3	C	B	-126.40	-.37052	-.00890	-.28541	-1.1332	-.28613	1	2	3	6	
		3	3	C	B	-5.3540	-1.3603	1.1648	-.48562	-10.384	-4.8528	1	7			
		4	3	C	B	-126.15	1.9060	-.67746	-.19415	13.534	6.8684	1	2	3	7	
		11	3	C	B	-126.15	-1.0259	-.37655	-.23846	9.9589	5.1367	1	2	3	4	
		12	3	C	B	-5.3472	1.5715	.86396	-.44131	-6.8093	-3.1211	1	4			
		18	3	C	B	-126.57	1.4257	-.48344	-.22456	10.734	5.4827	1	2	3	5	
		32	3	C	B	-18.543	-1.2896	1.2033	-.53950	-10.028	-4.6465	1	2	3	7	
2444	1	2	2		A	-78.685	.39982	-.09225	-.36384	-.00037	-.61234	1	2	3		
		1	3	C	B	134.85	1.4321	-2.6222	1.8500	2.8289	1.5645	1	7			
		2	3	C	B	-258.58	-.83590	2.4993	-2.4403	-2.8847	-2.5320	1	2	3	7	
		9	3	C	B	123.90	1.5076	-2.6486	1.8105	2.8626	1.4821	1	2	3	7	
		10	3	C	B	-247.63	-.91132	2.5257	-2.4008	-2.9184	-2.4496	1	7			
		11	3	C	B	-23.532	-.12170	-.94633	.47878	-.22657	-.18356	1	6			
		12	3	C	B	-100.19	.71800	.82342	-1.0690	.17076	-.78387	1	2	3	6	
2444	2	2	2		A	-78.394	.39982	-.33238	-.36384	.40377	-.61234	1	2	3		
		1	3	C	B	135.11	1.4321	-1.4012	1.8500	1.7966	1.5645	1	7			
		2	3	C	B	-258.31	-.83590	.88878	-2.4403	-1.2139	-2.5320	1	2	3	7	
		9	3	C	B	124.17	1.5076	-1.4537	1.8105	1.8847	1.4821	1	2	3	7	
		10	3	C	B	-247.37	-.91132	.94122	-2.4008	-1.3020	-2.4496	1	7			
		11	3	C	B	-23.271	-.12170	-.63048	.47878	.02898	-.18356	1	6			
		12	3	C	B	-99.933	.71800	.11797	-1.0690	.55371	-.78387	1	2	3	6	
2445	1	2	2		A	-75.340	.25871	-.38934	.60210	-.16250	.56890	1	2	3		
		11	1		A	-59.671	.17619	-.33141	.49083	-.06388	.47151	1				
		1	3	C	B	131.92	.79687	2.2345	-1.6732	-2.7404	-1.5213	1	7			
		2	3	C	B	-250.03	-.42337	-2.8706	2.6327	2.5581	2.4365	1	2	3	7	
		9	3	C	B	-185.15	1.2388	-2.0629	1.9812	1.6710	1.7533	1	2	3	4	
		10	3	C	B	67.043	-.86533	1.4268	-1.0217	-1.8534	-.83812	1	4			
		11	3	C	B	-239.33	-.47972	-2.8311	2.5567	2.6254	2.3700	1	7			
		12	3	C	B	121.22	.85322	2.1950	-1.5972	-2.8078	-1.4548	1	2	3	7	
2445	2	2	2		A	-75.050	.25871	.00804	.60210	-.53798	.56890	1	2	3		
		11	1		A	-59.380	.17619	-.00746	.49083	-.37508	.47151	1				
		1	3	C	B	132.18	.79687	1.1303	-1.6732	-1.7364	-1.5213	1	7			
		2	3	C	B	-249.77	-.42337	-1.1332	2.6327	.95007	2.4365	1	2	3	7	
		9	3	C	B	-184.89	1.2388	-.75761	1.9812	.55565	1.7533	1	2	3	4	
		10	3	C	B	67.305	-.86533	.75477	-1.0217	-1.3420	-.83812	1	4			
		11	3	C	B	-239.07	-.47972	-1.1438	2.5567	1.0613	2.3700	1	7			
		12	3	C	B	121.48	.85322	1.1409	-1.5972	-1.8477	-1.4548	1	2	3	7	
2448	1	2	2		A	-43.522	.26044	-.50859	.27090	-1.2037	-.46141	1	2	3		
		1	3	C	B	27.249	-.70261	-1.2191	.36985	9.5253	3.5313	1	5			
		2	3	C	B	-93.052	1.0702	.41840	.05660	-11.157	-4.1590	1	2	3	5	
		3	3	C	B	25.880	1.5109	-.69661	.32222	-11.763	-4.4622	1	6			
		4	3	C	B	-91.683	-1.1433	-.10411	.10422	10.131	3.8345	1	2	3	6	
		5	3	C	B	26.121	1.4945	-1.1022	.35735	-11.787	-4.4464	1	4			
		6	3	C	B	-91.924	-1.1269	.30154	.06910	10.155	3.8188	1	2	3	4	
		7	3	C	B	27.132	-.67207	-1.4392	.39600	9.5024	3.4950	1	7			
		8	3	C	B	-92.934	1.0396	.63855	.03045	-11.134	-4.1227	1	2	3	7	
		9	3	C	B	19.468	-.61020	-1.5094	.43338	9.1755	3.3710	1	2	3	7	
		10	3	C	B	-85.271	.97780	.70868	-.00693	-10.807	-3.9987	1	7			
		11	3	C	B	-84.019	-1.2051	-.03398	.06684	10.458	3.9585	1	6			
		12	3	C	B	18.217	1.5727	-.76674	.35961	-12.090	-4.5862	1	2	3	6	
2448	2	2	2		A	-43.232	.26044	-.32980	.27090	-.89925	-.46141	1	2	3		
		1	3	C	B	27.511	-.70261	-.97883	.36985	7.1951	3.5313	1	5			
		2	3	C	B	-92.791	1.0702	.45956	.05660	-8.4128	-4.1590	1	2	3	5	
		3	3	C	B	26.141	1.5109	-.48439	.32222	-8.8189	-4.4622	1	6			
		4	3	C	B	-91.422	-1.1433	-.03487	.10422	7.6011	3.8345	1	2	3	6	
		5	3	C	B	26.383	1.4945	-.87229	.35735	-8.8540	-4.4464	1	4			
		6	3	C	B	-91.663	-1.1269	.35302	.06910	7.6363	3.8188	1	2	3	4	

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.				
		7	3	C	B	27.393	-.67207	-1.1782	.39600	7.1967	3.4950	1	7			
		8	3	C	B	-92.673	1.0396	.65896	.03045	-8.4144	-4.1227	1	2	3	7	
		9	3	C	B	19.729	-.61020	-1.2236	.43338	6.9516	3.3710	1	2	3	7	
		10	3	C	B	-85.010	.97780	.70442	-.00693	-8.1693	-3.9987	1	7			
		11	3	C	B	-83.758	-1.2051	.01059	.06684	7.8462	3.9585	1	6			
		12	3	C	B	18.478	1.5727	-.52985	.35961	-9.0640	-4.5862	1	2	3	6	
2480	1	2	2		A	-136.72	.10781	-1.4318	.44363	.60070	.60952	1	2	3		
		1	3	C	B	69.632	.97110	5.4086	-1.1173	-2.3160	-1.1289	1	7			
		2	3	C	B	-275.54	-.81080	-7.5950	1.7897	3.1838	2.0303	1	2	3	7	
		5	3	C	B	15.248	-.86431	-6.7175	1.7107	-.61853	-.43350	1	6			
		6	3	C	B	-221.16	1.0246	4.5310	-1.0383	1.4863	1.3348	1	2	3	6	
		11	3	C	B	-246.57	-1.1158	-7.6844	1.9254	2.3892	1.6771	1	2	3	4	
		12	3	C	B	40.663	1.2761	5.4979	-1.2530	-1.5214	-.77576	1	4			
		13	3	C	B	-255.02	.45194	-6.8730	1.6396	2.6487	1.7845	1	2	3	5	
		14	3	C	B	49.116	-.29165	4.6865	-.96720	-1.7809	-.88323	1	5			
2480	2	2	2		A	-136.43	.10781	-1.1390	.44363	.19841	.60952	1	2	3		
		1	3	C	B	69.894	.97110	4.6776	-1.1173	-1.5715	-1.1289	1	7			
		2	3	C	B	-275.28	-.81080	-6.4202	1.7897	1.8444	2.0303	1	2	3	7	
		5	3	C	B	15.509	-.86431	-5.5905	1.7107	-.33365	-.43350	1	6			
		6	3	C	B	-220.89	1.0246	3.8478	-1.0383	.60658	1.3348	1	2	3	6	
		11	3	C	B	-246.31	-1.1158	-6.4215	1.9254	1.2994	1.6771	1	2	3	4	
		12	3	C	B	40.924	1.2761	4.6788	-1.2530	-1.0264	-.77576	1	4			
		13	3	C	B	-254.76	.45194	-5.7931	1.6396	1.4828	1.7845	1	2	3	5	
		14	3	C	B	49.377	-.29165	4.0504	-.96720	-1.2098	-.88323	1	5			
2481	1	2	2		A	-159.66	-.00782	-.42773	-.13596	-.40386	-.10962	1	2	3		
		10	1		A	-118.42	-.02403	-.33784	-.11334	-.28752	-.07983	1				
		1	3	C	B	61.356	-1.0622	5.1231	-2.5884	.68128	.20516	1	6			

		2	3	C	B	-302.68	1.0300	-5.7926	2.3690	-1.2782	-.36920	1	2	3	6		
		3	3	C	B	40.307	-1.5770	6.4102	-2.8313	-1.4470	.19113	1	4				
		4	3	C	B	-281.63	1.5448	-7.0797	2.6118	.85006	-.35517	1	2	3	4		
		5	3	C	B	32.708	1.0333	-6.8539	2.4096	1.0207	.18705	1	5				
		6	3	C	B	-274.03	-1.0654	6.1844	-2.6291	-1.6177	-.35109	1	2	3	5		
		9	3	C	B	-22.564	1.5675	-8.0052	2.6297	1.1274	.15032	1	2	3	7		
		10	3	C	B	-218.76	-1.5997	7.3357	-2.8492	-1.7244	-.31435	1	7				
		31	3	C	B	5.5982	1.5565	-7.9438	2.6452	1.2069	.17066	1	7				
		32	3	C	B	-246.92	-1.5886	7.2743	-2.8646	-1.8039	-.33470	1	2	3	7		
		33	3	C	B	-253.47	1.5338	-7.0183	2.6273	.92952	-.33483	1	4				
		34	3	C	B	12.144	-1.5659	6.3488	-2.8468	-1.5265	.17079	1	2	3	4		
2481	2	2	2		A	-159.37	-.00782	-.51747	-.13596	-.33151	-.10962	1	2	3			
		10	1		A	-118.13	-.02403	-.41265	-.11334	-.23483	-.07983	1					
		1	3	C	B	61.618	-1.0622	3.4162	-2.5884	.54602	.20516	1	6				
		2	3	C	B	-302.42	1.0300	-4.2306	2.3690	-1.0347	-.36920	1	2	3	6		
		3	3	C	B	40.568	-1.5770	4.5621	-2.8313	-1.2342	.19113	1	4				
		4	3	C	B	-281.37	1.5448	-5.3764	2.6118	.74554	-.35517	1	2	3	4		
		5	3	C	B	32.969	1.0333	-5.2812	2.4096	.90471	.18705	1	5				
		6	3	C	B	-273.77	-1.0654	4.4668	-2.6291	-1.3934	-.35109	1	2	3	5		
		9	3	C	B	-22.302	1.5675	-6.2750	2.6297	1.0284	.15032	1	2	3	7		
		10	3	C	B	-218.50	-1.5997	5.4606	-2.8492	-1.5171	-.31435	1	7				
		31	3	C	B	5.8595	1.5565	-6.2034	2.6452	1.0944	.17066	1	7				
		32	3	C	B	-246.66	-1.5886	5.3890	-2.8646	-1.5831	-.33470	1	2	3	7		
		33	3	C	B	-253.21	1.5338	-5.3049	2.6273	.81157	-.33483	1	4				
		34	3	C	B	12.405	-1.5659	4.4905	-2.8468	-1.3003	.17079	1	2	3	4		
2493	1	2	2		A	-85.644	.49226	.30577	-.22633	1.9312	1.2007	1	2	3			
		11	1		A	-66.371	.36108	.24939	-.18208	1.4423	.92187	1					
		1	3	C	B	-10.271	1.1026	.49631	-.17060	4.0296	2.1488	1	6				
		2	3	C	B	-122.35	-.36311	-.00890	-.18736	-1.0995	-.29905	1	2	3	6		
		3	3	C	B	-8.6359	-1.6349	1.1648	-.17335	-9.8381	-4.6805	1	7				
		4	3	C	B	-123.99	2.3744	-.67746	-.18462	12.768	6.5303	1	2	3	7		
		11	3	C	B	-110.46	1.7168	-.52194	-.15867	9.7890	5.0173	1	5				
		12	3	C	B	-22.165	-.97733	1.0093	-.19929	-6.8589	-3.1675	1	2	3	5		
		32	2		B	-85.644	.49226	.30577	-.22633	1.9312	1.2007	1	2	3			
2493	2	2	2		A	-85.353	.49226	.15639	-.22633	1.1388	1.2007	1	2	3			

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.					
		11	1		A	-66.081	.36108	.12921	-.18208	.83387	.92187	1					
		1	3	C	B	-10.009	1.1026	.38931	-.17060	2.6131	2.1488	1	6				
		2	3	C	B	-122.09	-.36311	-.13816	-.18736	-.90394	-.29905	1	2	3	6		
		3	3	C	B	-8.3745	-1.6349	1.0523	-.17335	-6.7491	-4.6805	1	7				
		4	3	C	B	-123.73	2.3744	-.80123	-.18462	8.4583	6.5303	1	2	3	7		
		11	3	C	B	-110.20	1.7168	-.62711	-.15867	6.4778	5.0173	1	5				
		12	3	C	B	-21.903	-.97733	.87827	-.19929	-4.7686	-3.1675	1	2	3	5		
		32	2		B	-85.353	.49226	.15639	-.22633	1.1388	1.2007	1	2	3			
2496	1	2	2		A	-72.675	.35372	-.34389	.03526	.43060	-.02618	1	2	3			
		1	3	C	B	111.34	1.5247	-1.2931	.44551	1.7080	.29480	1	7				
		2	3	C	B	-225.34	-.99861	.76172	-.39187	-1.0829	-.33610	1	2	3	7		
		9	3	C	B	101.06	1.5923	-1.3466	.45152	1.7997	.29123	1	2	3	7		
		10	3	C	B	-215.05	-1.0661	.81523	-.39787	-1.1745	-.33253	1	7				
2496	2	2	2		A	-72.385	.35372	-.32061	.03526	.44788	-.02618	1	2	3			
		1	3	C	B	111.60	1.5247	-.99923	.44551	1.5140	.29480	1	7				
		2	3	C	B	-225.08	-.99861	.50317	-.39187	-.86165	-.33610	1	2	3	7		
		9	3	C	B	101.32	1.5923	-1.0487	.45152	1.6080	.29123	1	2	3	7		
		10	3	C	B	-214.79	-1.0661	.55271	-.39787	-.95566	-.33253	1	7				
2497	1	2	2		A	-68.028	.26146	.03621	.03842	-.56399	.04853	1	2	3			
		1	3	C	B	109.85	.88257	1.0336	-.38635	-1.6521	-.27012	1	7				
		2	3	C	B	-216.08	-.50708	-.99142	.45130	.82358	.34952	1	2	3	7		
		9	3	C	B	-72.499	1.5510	-.20625	.09042	-1.0452	.15863	1	2	3	6		
		10	3	C	B	-33.725	-1.1755	.24846	-.02547	.21673	-.07923	1	6				
		13	3	C	B	-160.66	1.5026	-.65282	.30681	.47374	.25967	1	2	3	4		
		14	3	C	B	54.440	-1.1271	.69503	-.24186	-1.3023	-.18028	1	4				
2497	2	2	2		A	-67.738	.26146	.06157	.03842	-.59602	.04853	1	2	3			
		1	3	C	B	110.11	.88257	.77872	-.38635	-1.4740	-.27012	1	7				
		2	3	C	B	-215.82	-.50708	-.69364	.45130	.59312	.34952	1	2	3	7		
		9	3	C	B	-72.237	1.5510	-.14803	.09042	-1.1455	.15863	1	2	3	6		
		10	3	C	B	-33.463	-1.1755	.23311	-.02547	.26458	-.07923	1	6				
		13	3	C	B	-160.40	1.5026	-.45218	.30681	.36189	.25967	1	2	3	4		
		14	3	C	B	54.701	-1.1271	.53725	-.24186	-1.2428	-.18028	1	4				
2500	1	2	2		A	-42.722	.30626	-.32980	.13435	-.84923	-.42037	1	2	3			
		1	3	C	B	23.125	-.87661	-.97883	.10791	6.7973	3.4133	1	5				
		2	3	C	B	-87.726	1.3100	.45956	.10119	-7.9474	-3.9810	1	2	3	5		
		3	3	C	B	20.176	1.8073	-.48439	.10719	-8.3225	-4.2311	1	6				
		4	3	C	B	-84.777	-1.3738	-.03487	.10191	7.1725	3.6634	1	2	3	6		
		5	3	C	B	21.594	1.7726	-.87229	.10873	-8.3579	-4.2346	1	4				
		6	3	C	B	-86.196	-1.3391	.35302	.10036	7.2079	3.6670	1	2	3	4		
		7	3	C	B	24.145	-.81657	-1.1782	.10938	6.8013	3.3994	1	7				
		8	3	C	B	-88.746	1.2499	.65896	.09972	-7.9514	-3.9670	1	2	3	7		
		9	3	C	B	16.627	-.74452	-1.2236	.12939	6.5699	3.2838	1	2	3	7		
		10	3	C	B	-81.228	1.1779	.70442	.07970	-7.7199	-3.8515	1	7				
		11	3	C	B	-77.260	-1.4459	.01059	.08189	7.4039	3.7790	1	6				
		12	3	C	B	12.658	1.8793	-.52985	.12720	-8.5540	-4.3466	1	2	3	6		
		27	3	C	B	-78.678	-1.4112	.39848	.08035	7.4394	3.7825	1	4				
		28	3	C	B	14.076	1.8446	-.91775	.12875	-8.5894	-4.3502	1	2	3	4		
		33	2		B	-42.722	.30626	-.32980	.13435	-.84923	-.42037	1	2	3			
2500	2	2	2		A	-42.432	.30626	-.24112	.13435	-.57179	-.42037	1	2	3			
		1	3	C	B	23.386	-.87661	-.90834	.10791	4.5449	3.4133	1	5				
		2	3	C	B	-87.465	1.3100	.52708	.10119	-5.3202	-3.9810	1	2	3	5		
		3	3	C	B	20.437	1.8073	-.41390	.10719	-5.5303	-4.2311	1	6				
		4	3	C	B	-84.516	-1.3738	.03264	.10191	4.7549	3.6634	1	2	3	6		
		5	3	C	B	21.855	1.7726	-.80224	.10873	-5.5642	-4.2346	1	4				
		6	3	C	B	-85.934	-1.3391	.42097	.10036	4.7889	3.6670	1	2	3	4		

		7	3	C	B	24.406	-.81657	-1.1064	.10938	4.5587	3.3994	1	7			
		8	3	C	B	-88.485	1.2499	.72520	.09972	-5.3341	-3.9670	1	2	3	7	
		9	3	C	B	16.888	-.74452	-1.1387	.12939	4.4035	3.2838	1	2	3	7	
		10	3	C	B	-80.967	1.1779	.75745	.07970	-5.1789	-3.8515	1	7			
		11	3	C	B	-76.998	-1.4459	.06489	.08189	4.9101	3.7790	1	6			
		12	3	C	B	12.919	1.8793	-.44615	.12720	-5.6855	-4.3466	1	2	3	6	
		27	3	C	B	-78.417	-1.4112	.45323	.08035	4.9441	3.7825	1	4			

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.				
		28	3	C	B	14.338	1.8446	-.83449	.12875	-5.7194	-4.3502	1	2	3	4	
		33	2		B	-42.432	.30626	-.24112	.13435	-.57179	-.42037	1	2	3		
2532	1	2	2		A	-129.32	.04609	-1.0904	.40730	.19841	.05959	1	2	3		
		1	3	C	B	57.924	1.0778	4.5542	-1.0430	-1.5715	-.26094	1	7			
		2	3	C	B	-252.52	-1.0134	-6.2234	1.6583	1.8444	.34345	1	2	3	7	
		5	3	C	B	9.1211	-1.1086	-5.4040	1.5510	-.33365	-.10565	1	6			
		6	3	C	B	-203.72	1.1730	3.7348	-.93580	.60658	.18815	1	2	3	6	
		9	3	C	B	8.5762	1.4549	4.3636	-1.0635	-.97499	-.16949	1	2	3	4	
		10	3	C	B	-203.17	-1.3905	-6.0328	1.6788	1.2479	.25200	1	4			
		13	3	C	B	-234.13	.55705	-5.6118	1.5241	1.4828	.29058	1	2	3	5	
		14	3	C	B	39.537	-.49263	3.9426	-.90885	-1.2098	-.20808	1	5			
		15	3	C	B	-226.52	-1.3792	-6.2123	1.7508	1.2994	.26714	1	2	3	4	
		16	3	C	B	31.919	1.4436	4.5431	-1.1355	-1.0264	-.18463	1	4			
2532	2	2	2		A	-129.03	.04609	-.82162	.40730	.15908	.05959	1	2	3		
		1	3	C	B	58.186	1.0778	3.8710	-1.0430	-1.3995	-.26094	1	7			
		2	3	C	B	-252.26	-1.0134	-5.1342	1.6583	1.6180	.34345	1	2	3	7	
		5	3	C	B	9.3824	-1.1086	-4.3826	1.5510	-.26427	-.10565	1	6			
		6	3	C	B	-203.46	1.1730	3.1195	-.93580	.48274	.18815	1	2	3	6	
		9	3	C	B	8.8375	1.4549	3.6691	-1.0635	-.86689	-.16949	1	2	3	4	
		10	3	C	B	-202.91	-1.3905	-4.9323	1.6788	1.0853	.25200	1	4			
		13	3	C	B	-233.87	.55705	-4.6076	1.5241	1.2934	.29058	1	2	3	5	
		14	3	C	B	39.799	-.49263	3.3445	-.90885	-1.0749	-.20808	1	5			
		15	3	C	B	-226.26	-1.3792	-5.0642	1.7508	1.1268	.26714	1	2	3	4	
		16	3	C	B	32.181	1.4436	3.8011	-1.1355	-.90838	-.18463	1	4			
2533	1	1	2		A	-262.91	-.05383	22.860	-6.1620	11.975	2.0762	1	2	3		
		1	3	C	B	-195.63	-.78137	38.502	-10.549	15.709	3.3165	1	2	3	6	
		2	3	C	B	-215.33	.66720	-2.5341	.91178	3.8668	.29984	1	6			
		3	3	C	B	-192.48	-1.2741	41.055	-11.236	-7.8539	-3.0458	1	7			
		4	3	C	B	-218.48	1.1599	-5.0880	1.5986	27.430	6.6622	1	2	3	7	
		7	3	C	B	-180.42	1.1493	-8.2546	2.4873	26.219	6.5884	1	7			
		8	3	C	B	-230.55	-1.2635	44.222	-12.125	-6.6434	-2.9720	1	2	3	7	
		16	3	C	B	-201.69	-1.1438	43.497	-11.968	-1.3716	-1.4777	1	2	3	4	
		18	2		B	-262.91	-.05383	22.860	-6.1620	11.975	2.0762	1	2	3		
		19	3	C	B	-163.63	-1.1544	40.330	-11.079	-2.5822	-1.5516	1	4			
		20	3	C	B	-247.33	1.0402	-4.3629	1.4417	22.158	5.1680	1	2	3	4	
2533	2	2	2		A	-260.76	-.05383	-7.2107	-6.1620	1.8439	2.0762	1	2	3		
		2	3	C	B	-193.70	-.78137	-12.990	-10.549	-.48333	3.3165	1	2	3	6	
		4	3	C	B	-228.61	-1.2635	-14.960	-12.125	7.8621	-2.9720	1	2	3	7	
		6	3	C	B	-251.46	.67776	.75511	.02302	3.2618	.37366	1	2	3	6	
		7	3	C	B	-161.70	-1.1544	-13.754	-11.079	4.9962	-1.5516	1	4			
		8	3	C	B	-245.40	1.0402	2.6897	1.4417	-3.0679	5.1680	1	2	3	4	
		9	3	C	B	-216.55	1.1599	2.7254	1.5986	-5.0835	6.6622	1	2	3	7	
		10	3	C	B	-190.55	-1.2741	-13.789	-11.236	7.0118	-3.0458	1	7			
		12	3	C	B	-213.40	.66720	1.9256	.91178	2.4116	.29984	1	6			
		13	3	C	B	-178.49	1.1493	3.8959	2.4873	-5.9338	6.5884	1	7			
		16	3	C	B	-199.76	-1.1438	-14.924	-11.968	5.8465	-1.4777	1	2	3	4	
		18	2		B	-260.76	-.05383	-7.2107	-6.1620	1.8439	2.0762	1	2	3		
2534	1	2	2		A	-51.152	.08696	-1.2590	.20473	-2.4119	-1.6544	1	2	3		
		6	1		A	-36.189	.04006	-.75195	.09367	-1.2036	-.95934	1				
		1	3	C	B	-34.009	-1.0464	22.249	-6.7832	10.974	2.4263	1	6			
		2	3	C	B	-41.347	1.1506	-23.949	7.0277	-13.966	-4.6278	1	2	3	6	
		3	3	C	B	-27.191	.70729	27.013	-8.1534	-15.623	-4.7459	1	7			
		4	3	C	B	-48.165	-.60314	-28.713	8.3979	12.631	2.5444	1	2	3	7	
		7	3	C	B	-37.949	-.63517	-28.367	8.3220	13.457	3.0191	1	7			
		8	3	C	B	-37.408	.73931	26.667	-8.0775	-16.448	-5.2206	1	2	3	7	
		9	3	C	B	-36.222	1.1072	-28.359	8.3916	12.062	2.6831	1	4			
		10	3	C	B	-39.134	-1.0031	26.659	-8.1471	-15.054	-4.8846	1	2	3	4	
		13	3	C	B	-46.438	1.1392	-28.705	8.4674	11.237	2.2084	1	2	3	4	
		14	3	C	B	-28.918	-1.0351	27.005	-8.2229	-14.228	-4.4099	1	4			
		18	2		B	-51.152	.08696	-1.2590	.20473	-2.4119	-1.6544	1	2	3		
2534	2	1	2		A	-49.005	.08696	-.25993	.20473	5.6615	-1.6544	1	2	3		
		2	1		A	-34.042	.04006	-.29481	.09367	3.4779	-.95934	1				

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.				
		1	3	C	B	-44.506	1.1392	12.632	8.4674	8.7864	2.2084	1	2	3	4	
		2	3	C	B	-26.985	-1.0351	-13.138	-8.2229	-1.0349	-4.4099	1	4			
		3	3	C	B	-36.016	-.63517	12.258	8.3220	-1.2763	3.0191	1	7			
		4	3	C	B	-35.475	.73931	-12.765	-8.0775	9.0278	-5.2206	1	2	3	7	
		9	3	C	B	-34.289	1.1072	12.608	8.3916	7.2952	2.6831	1	4			
		10	3	C	B	-37.202	-1.0031	-13.115	-8.1471	.45621	-4.8846	1	2	3	4	
		11	3	C	B	-32.077	-1.0464	-10.860	-6.7832	-.86651	2.4263	1	6			
		12	3	C	B	-39.414	1.1506	10.354	7.0277	8.6180	-4.6278	1	2	3	6	
		18	2		B	-49.005	.08696	-.25993	.20473	5.6615	-1.6544	1	2	3		
2535	1	2	1		A	-121.49	.18027	12.620	-3.2171	-7.1006	-1.5216	1				
		3	2		A	-146.39	.27101	15.749	-4.1141	-7.6065	-1.5017	1	2	3		
		1	3	C	B	-102.37	1.9278	36.963	-10.074	10.330	3.5079	1	2	3	4	

		2	3	C	B	-133.32	-1.5413	-12.109	3.6714	-23.456	-6.2332	1	4			
		3	3	C	B	-89.815	-.79097	35.567	-9.6160	-19.264	-4.8404	1	2	3	7	
		4	3	C	B	-145.87	1.1774	-10.713	3.2126	6.1377	2.1150	1	7			
		5	3	C	B	-103.34	-1.5969	-8.7307	2.7200	-25.010	-6.7045	1	6			
		6	3	C	B	-132.35	1.9833	33.584	-9.1235	11.884	3.9791	1	2	3	6	
		12	3	C	B	-98.020	-.88534	31.934	-8.5777	-21.385	-5.4938	1	2	3	5	
		18	3	C	B	-162.87	1.2393	-8.5772	2.6001	5.7923	2.1286	1	2	3	7	
		23	3	C	B	-85.371	1.8658	34.826	-9.4623	10.675	3.4943	1	4			
		24	3	C	B	-150.32	-1.4794	-9.9728	3.0589	-23.802	-6.2196	1	2	3	4	
2535	2	2	2		A	-144.24	.27101	-4.3494	-4.1231	-.27799	-1.5017	1	2	3		
		10	1		A	-119.35	.18027	-3.1009	-3.2261	.32488	-1.5216	1				
		1	3	C	B	-101.40	-1.5969	4.5312	2.7120	7.7102	-6.7045	1	6			
		2	3	C	B	-130.42	1.9833	-10.965	-9.1316	-7.5371	3.9791	1	2	3	6	
		4	3	C	B	-96.088	-.88534	-9.9469	-8.5858	5.4347	-5.4938	1	2	3	5	
		5	3	C	B	-83.438	1.8658	-11.388	-9.4704	-6.3927	3.4943	1	4			
		6	3	C	B	-148.39	-1.4794	4.9540	3.0508	6.5658	-6.2196	1	2	3	4	
		7	3	C	B	-70.883	-.85293	-10.544	-9.0116	4.7864	-4.8540	1	7			
		8	3	C	B	-160.94	1.2393	4.1107	2.5920	-4.6133	2.1286	1	2	3	7	
		13	3	C	B	-143.94	1.1774	4.9633	3.2045	-4.2016	2.1150	1	7			
		14	3	C	B	-87.883	-.79097	-11.397	-9.6241	4.3747	-4.8404	1	2	3	7	
		15	3	C	B	-131.39	-1.5413	5.8065	3.6633	6.9775	-6.2332	1	4			
		16	3	C	B	-100.43	1.9278	-12.240	-10.083	-6.8044	3.5079	1	2	3	4	
		24	3	C	B	-152.74	1.3337	2.6601	1.5537	-5.6733	2.7821	1	2	3	5	
2536	1	1	2		A	-282.87	.22531	16.464	-4.0384	23.714	6.3934	1	2	3		
		1	3	C	B	-213.46	.85950	21.132	-5.3302	27.246	7.4112	1	2	3	6	
		2	3	C	B	-241.84	-.53376	5.7070	-1.2059	10.862	2.9045	1	6			
		3	3	C	B	-225.08	-1.1243	24.483	-6.0395	-3.8518	-1.1992	1	7			
		4	3	C	B	-230.23	1.4501	2.3557	-.49676	41.960	11.515	1	2	3	7	
		7	3	C	B	-197.30	1.4013	.64608	-.04875	39.162	10.786	1	7			
		8	3	C	B	-258.00	-1.0755	26.193	-6.4875	-1.0535	-.47033	1	2	3	7	
		11	3	C	B	-269.24	-.99284	3.9239	-.78750	35.937	9.8422	1	2	3	4	
		12	3	C	B	-186.07	1.3185	22.915	-5.7487	2.1706	.47355	1	4			
		15	3	C	B	-236.32	-1.0416	2.2142	-.33949	33.139	9.1132	1	4			
		16	3	C	B	-218.99	1.3673	24.624	-6.1967	4.9689	1.2025	1	2	3	4	
		18	2		B	-282.87	.22531	16.464	-4.0384	23.714	6.3934	1	2	3		
2536	2	2	2		A	-280.72	.22531	-3.2431	-4.0384	-7.4855	6.3934	1	2	3		
		2	2		B	-280.72	.22531	-3.2431	-4.0384	-7.4855	6.3934	1	2	3		
		4	3	C	B	-256.07	-1.0755	-5.5545	-6.4875	1.2424	-.47033	1	2	3	7	
		6	3	C	B	-272.83	-.48497	-.63344	-1.6540	-4.0687	3.6334	1	2	3	6	
		8	3	C	B	-267.30	-.99284	.17378	-.78750	-12.093	9.8422	1	2	3	4	
		9	3	C	B	-228.29	1.4501	.02004	-.49676	-14.233	11.515	1	2	3	7	
		10	3	C	B	-223.14	-1.1243	-5.0779	-6.0395	2.0013	-1.1992	1	7			
		12	3	C	B	-184.13	1.3185	-5.2316	-5.7487	-.13868	.47355	1	4			
		13	3	C	B	-195.37	1.4013	.49669	-.04875	-13.474	10.786	1	7			
		15	3	C	B	-234.38	-1.0416	.65043	-.33949	-11.334	9.1132	1	4			
		16	3	C	B	-217.05	1.3673	-5.7083	-6.1967	-.89761	1.2025	1	2	3	4	
2537	1	2	2		A	-389.61	.22183	-2.1180	.26001	15.707	3.8799	1	2	3		
		16	1		A	-307.16	.14885	-1.0262	-.05507	12.638	3.2276	1				
		2	3	C	B	-339.35	-.39127	-12.826	3.1470	10.668	2.7589	1	2	3	6	
		4	3	C	B	-256.64	1.3641	-17.531	4.2011	29.981	7.9404	1	2	3	7	
		6	3	C	B	-326.14	.75888	9.4879	-2.8158	16.271	3.9417	1	2	3	6	

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.				
		7	3	C	B	-200.34	1.3143	-16.786	3.9859	27.886	7.4950	1	7			
		8	3	C	B	-408.86	-.99652	14.193	-3.8699	-3.0413	-1.2398	1	2	3	7	
		10	3	C	B	-352.55	-1.0463	14.939	-4.0851	-5.1371	-1.6852	1	7			
		11	3	C	B	-283.08	-.91466	-15.682	3.8355	24.320	6.3408	1	2	3	4	
		12	3	C	B	-326.11	1.2324	13.090	-3.7194	.52437	-.08564	1	4			
2537	2	2	2		A	-387.46	.22183	-.84915	.26001	-3.2268	3.8799	1	2	3		
		16	1		A	-305.01	.14885	-1.2950	-.05507	-3.1125	3.2276	1				
		2	2		B	-387.46	.22183	-.84915	.26001	-3.2268	3.8799	1	2	3		
		4	3	C	B	-406.92	-.99652	-4.7365	-3.8699	3.0111	-1.2398	1	2	3	7	
		9	3	C	B	-254.71	1.3641	3.0144	4.2011	-8.7698	7.9404	1	2	3	7	
		10	3	C	B	-350.62	-1.0463	-5.0410	-4.0851	3.0891	-1.6852	1	7			
		11	3	C	B	-281.15	-.91466	3.0951	3.8355	-6.6809	6.3408	1	2	3	4	
		12	3	C	B	-324.18	1.2324	-5.1216	-3.7194	1.0003	-.08564	1	4			
2538	1	2	2		A	-506.96	.05172	3.7354	-1.1172	4.4357	1.5148	1	2	3		
		2	3	C	B	-453.20	1.3119	-11.415	3.2273	-3.2904	-.83633	1	2	3	6	
		3	3	C	B	-315.78	-1.2468	18.310	-4.7253	-15.627	-4.6967	1	7			
		4	3	C	B	-453.27	1.2989	-12.463	3.0006	23.034	7.2867	1	2	3	7	
		6	3	C	B	-403.55	-1.2347	17.798	-5.1270	11.050	3.5098	1	2	3	6	
		8	3	C	B	-403.48	-1.2217	18.846	-4.9003	-15.274	-4.6131	1	2	3	7	
		11	3	C	B	-453.06	-.87938	-11.473	2.9346	19.295	6.1114	1	2	3	5	
		12	3	C	B	-315.99	.93152	17.320	-4.6593	-11.888	-3.5214	1	5			
		13	3	C	B	-365.86	1.5532	-12.988	3.4757	17.090	5.4535	1	4			
		14	3	C	B	-403.19	-1.5011	18.835	-5.2004	-9.6830	-2.8635	1	2	3	4	
		15	3	C	B	-365.36	-.90443	-12.008	3.1096	18.942	6.0278	1	5			
		16	3	C	B	-403.69	.95657	17.856	-4.8344	-11.535	-3.4378	1	2	3	5	
		18	2		B	-506.96	.05172	3.7354	-1.1172	4.4357	1.5148	1	2	3		
		20	3	C	B	-453.56	1.5783	-12.452	3.3006	17.443	5.5370	1	2	3	4	
2538	2	2	2		A	-504.81	.05172	-1.7168	-1.1172	-2.9565	1.5148	1	2	3		
		2	3	C	B	-451.13	-.87938	-5.8872	2.9346	-10.529	6.1114	1	2	3	5	
		4	3	C	B	-401.54	-1.2217	-5.1109	-4.9003	7.2385	-4.6131	1	2	3	7	
		6	3	C	B	-451.27	1.3119	4.3398	3.2273	.79431	-.83633	1	2	3	6	
		8	3	C	B	-451.34	1.2989	2.2231	3.0006	-12.525	7.2867	1	2	3	7	
		10	3	C	B	-313.84	-1.2468	-4.7923	-4.7253	7.2934	-4.6967	1	7			
		12	3	C	B	-314.06	.93152	3.3180	-4.6593	5.2975	-3.5214	1	5			
		13	3	C	B	-363.92	1.5532	4.1011	3.4757	-9.5270	5.4535	1	4			
		14	3	C	B	-401.26	-1.5011	-6.6703	-5.2004	4.2949	-2.8635	1	2	3	4	
		15	3	C	B	-363.42	-.90443	-5.5686	3.1096	-10.474	6.0278	1	5			
		16	3	C	B	-401.76	.95657	2.9994	-4.8344	5.2426	-3.4378	1	2	3	5	
		18	2		B	-504.81	.05172	-1.7168	-1.1172	-2.9565	1.5148	1	2	3		
2539	1	2	2		A	-93.706	.12772	-5.5970	1.4958	-2.9655	-.94355	1	2	3		

		6	1		A	-72.307	.07581	-4.4808	1.1988	-1.7274	-.54916	1						
		1	3	C	B	-49.202	-1.7311	5.7976	-.90778	16.908	5.2051	1	4					
		2	3	C	B	-95.562	1.9030	-14.625	3.2685	-20.863	-6.4629	1	2	3	4			
		3	3	C	B	-56.575	-1.6125	7.9229	-1.2571	-19.736	-6.1176	1	7					
		4	3	C	B	-88.189	1.7844	-16.750	3.6179	15.781	4.8598	1	2	3	7			
		7	3	C	B	-73.577	1.7490	-15.988	3.4151	16.627	5.1291	1	7					
		8	3	C	B	-71.188	-1.5771	7.1607	-1.0544	-20.582	-6.3870	1	2	3	7			
		15	3	C	B	-63.814	-1.6957	5.0354	-.70502	16.063	4.9358	1	2	3	4			
		16	3	C	B	-80.950	1.8676	-13.863	3.0657	-20.018	-6.1936	1	4					
		18	3	C	B	-98.871	1.3798	-11.272	2.5924	-19.669	-6.0696	1	2	3	6			
2539	2	2	2		A	-91.559	.12772	1.7025	1.4958	1.6389	-.94355	1	2	3				
		1	3	C	B	-54.643	-1.6125	2.1745	-1.2571	10.120	-6.1176	1	7					
		2	3	C	B	-86.256	1.7844	.51827	3.6179	-7.9370	4.8598	1	2	3	7			
		3	3	C	B	-47.269	-1.7311	.31852	-.90778	-8.4975	5.2051	1	4					
		4	3	C	B	-93.630	1.9030	2.3742	3.2685	10.680	-6.4629	1	2	3	4			
		9	3	C	B	-71.644	1.7490	.29097	3.4151	-8.4058	5.1291	1	7					
		10	3	C	B	-69.255	-1.5771	2.4018	-1.0544	10.589	-6.3870	1	2	3	7			
		15	3	C	B	-61.882	-1.6957	.54582	-.70502	-8.0287	4.9358	1	2	3	4			
		16	3	C	B	-79.018	1.8676	2.1469	3.0657	10.211	-6.1936	1	4					
		18	3	C	B	-96.938	1.3798	2.0518	2.5924	9.9523	-6.0696	1	2	3	6			
2540	1	2	2		A	-438.35	.16120	-1.9363	.49304	-.34378	-.04549	1	2	3				
		15	1		A	-306.31	.10888	-1.5033	.38257	-.09543	.02611	1						

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.						
		2	3	C	B	-368.83	-.46446	-11.465	2.9810	-7.1738	-2.1473	1	2	3	6			
		3	3	C	B	-273.07	1.0171	15.387	-3.8961	-18.868	-5.8081	1	7					
		4	3	C	B	-368.45	-.78542	-18.389	4.6602	18.526	5.8062	1	2	3	7			
		6	3	C	B	-362.86	.73191	8.1677	-2.1415	6.6628	2.0965	1	2	3	6			
		7	3	C	B	-278.29	-.82115	-18.093	4.5847	18.696	5.8551	1	7					
		8	3	C	B	-363.24	1.0528	15.092	-3.8206	-19.037	-5.8570	1	2	3	7			
		9	3	C	B	-363.13	.66232	-16.046	4.0894	14.842	4.6541	1	2	3	5			
		10	3	C	B	-278.39	-.43060	13.045	-3.3253	-15.184	-4.6560	1	5					
		18	2		B	-438.35	.16120	-1.9363	.49304	-.34378	-.04549	1	2	3				
2540	2	2	2		A	-436.20	.16120	.46969	.49304	-.12176	-.04549	1	2	3				
		15	1		A	-304.16	.10888	.36360	.38257	-.22285	.02611	1						
		2	2		B	-436.20	.16120	.46969	.49304	-.12176	-.04549	1	2	3				
		4	3	C	B	-361.30	1.0528	-3.5530	-3.8206	9.5452	-5.8570	1	2	3	7			
		8	3	C	B	-366.52	-.78542	4.3524	4.6602	-9.8083	5.8062	1	2	3	7			
		9	3	C	B	-361.20	.66232	3.9147	4.0894	-7.8699	4.6541	1	2	3	5			
		10	3	C	B	-276.46	-.43060	-3.1878	-3.3253	7.5378	-4.6560	1	5					
		11	3	C	B	-276.35	-.82115	4.2799	4.5847	-9.8773	5.8551	1	7					
		32	3	C	B	-271.14	1.0171	-3.6254	-3.8961	9.4762	-5.8081	1	7					
2541	1	2	1		A	-62.455	.10526	2.9211	-.89791	1.6698	.55735	1						
		4	2		A	-81.310	.15615	3.6061	-1.1095	3.0099	.99361	1	2	3				
		1	3	C	B	-63.450	-.84795	-4.3680	.29162	29.617	9.1453	1	2	3	7			
		2	3	C	B	-61.843	1.0721	10.093	-2.0523	-25.697	-7.8442	1	7					
		7	3	C	B	-50.575	-.88270	-4.8357	.43614	28.702	8.8474	1	7					
		8	3	C	B	-74.717	1.1069	10.561	-2.1969	-24.781	-7.5463	1	2	3	7			
		9	3	C	B	-79.054	.56174	-2.7318	-.05924	23.018	7.1114	1	2	3	5			
		10	3	C	B	-46.239	-.33751	8.4576	-1.7015	-19.097	-5.8102	1	5					
		13	3	C	B	-69.269	1.3808	9.5206	-1.9643	-17.245	-5.2322	1	4					
		14	3	C	B	-56.024	-1.1565	-3.7948	.20356	21.166	6.5333	1	2	3	4			
		15	3	C	B	-43.150	-1.1913	-4.2625	.34808	20.250	6.2354	1	4					
		16	3	C	B	-82.143	1.4155	9.9883	-2.1088	-16.329	-4.9342	1	2	3	4			
		18	3	C	B	-84.525	1.1083	8.2071	-1.7348	7.9780	2.4017	1	2	3	6			
2541	2	2	2		A	-79.162	.15615	-1.8085	-1.1095	-1.8389	.99361	1	2	3				
		1	3	C	B	-59.911	1.0721	.25759	-2.0523	12.582	-7.8442	1	7					
		2	3	C	B	-61.517	-.84795	-3.1243	.29162	-15.011	9.1453	1	2	3	7			
		3	3	C	B	-48.643	-.88270	-2.8868	.43614	-14.472	8.8474	1	7					
		4	3	C	B	-72.785	1.1069	.02003	-2.1969	12.044	-7.5463	1	2	3	7			
		9	3	C	B	-77.122	.56174	-3.0821	-.05924	-11.693	7.1114	1	2	3	5			
		10	3	C	B	-44.306	-.33751	.21539	-1.7015	9.2649	-5.8102	1	5					
		13	3	C	B	-67.336	1.3808	.36840	-1.9643	8.3009	-5.2322	1	4					
		14	3	C	B	-54.092	-1.1565	-3.2351	.20356	-10.729	6.5333	1	2	3	4			
		15	3	C	B	-41.217	-1.1913	-2.9976	.34808	-10.191	6.2354	1	4					
		16	3	C	B	-80.210	1.4155	.13084	-2.1088	7.7622	-4.9342	1	2	3	4			
		18	3	C	B	-82.592	1.1083	.08241	-1.7348	-3.7994	2.4017	1	2	3	6			
2542	1	2	2		A	-396.81	.14967	-.62223	.08630	2.7461	1.0300	1	2	3				
		1	3	C	B	-245.99	.85278	7.7146	-1.5307	17.255	5.4851	1	5					
		2	3	C	B	-332.28	-.63570	-8.6756	1.6546	-13.297	-3.9964	1	2	3	5			
		3	3	C	B	-249.30	1.3590	8.0117	-1.5090	-17.438	-5.3330	1	7					
		4	3	C	B	-328.97	-1.1420	-8.9727	1.6329	21.397	6.8216	1	2	3	7			
		6	3	C	B	-329.12	.88477	7.6173	-1.5115	17.857	5.7084	1	2	3	5			
		7	3	C	B	-245.84	-1.1739	-8.8754	1.6137	20.795	6.5983	1	7					
		8	3	C	B	-332.43	1.3910	7.9144	-1.4898	-16.836	-5.1096	1	2	3	7			
		10	3	C	B	-249.15	-.66769	-8.5783	1.6354	-13.899	-4.2197	1	5					
		13	3	C	B	-332.20	1.9298	9.1557	-1.8821	-11.527	-3.4479	1	2	3	4			
		14	3	C	B	-246.07	-1.7127	-10.116	2.0060	15.485	4.9366	1	4					
		18	2		B	-396.81	.14967	-.62223	.08630	2.7461	1.0300	1	2	3				
		20	3	C	B	-329.20	-1.6807	-10.214	2.0252	16.087	5.1600	1	2	3	4			
		31	3	C	B	-332.02	-1.3988	-9.9216	2.0359	-5.7516	-1.6253	1	2	3	6			
		32	3	C	B	-246.25	1.6159	8.9606	-1.9120	9.7100	3.1140	1	6					
2542	2	2	2		A	-394.67	.14967	-.20106	.08630	-2.2804	1.0300	1	2	3				
		2	3	C	B	-327.04	-1.1420	-1.2376	1.6329	-11.893	6.8216	1	2	3	7			
		4	3	C	B	-330.50	1.3910	.87790	-1.4898	8.0989	-5.1096	1	2	3	7			
		9	3	C	B	-327.19	.88477	-.94742	-1.5115	-9.9998	5.7084	1	2	3	5			
		10	3	C	B	-247.22	-.66769	.59113	1.6354	6.6934	-4.2197	1	5					

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
		12	3	C	B	-247.37	1.3590	.88133	-1.5090	8.5870	-5.3330	1 7
		13	3	C	B	-330.27	1.9298	.64042	-1.8821	5.3010	-3.4479	1 2 3 4
		14	3	C	B	-244.14	-1.7127	-.99671	2.0060	-8.6074	4.9366	1 4
		18	2		B	-394.67	.14967	-.20106	.08630	-2.2804	1.0300	1 2 3
		31	3	C	B	-330.08	-1.3988	.21435	2.0359	2.1820	-1.6253	1 2 3 6
		32	3	C	B	-244.32	1.6159	-.57064	-1.9120	-5.4884	3.1140	1 6
2543	1	2	2		A	-371.33	.06834	1.0069	-.37652	2.6326	.94664	1 2 3
		2	3	C	B	-311.10	-1.7332	-6.9103	1.2122	-6.2087	-1.5361	1 2 3 6
		3	3	C	B	-211.29	1.3595	9.2098	-1.8615	-17.435	-5.3054	1 7
		4	3	C	B	-332.34	-1.2673	-7.9025	1.3339	21.657	6.8106	1 2 3 7
		6	3	C	B	-308.80	1.8443	8.5265	-1.8316	10.746	3.1628	1 2 3 6
		7	3	C	B	-256.08	-1.2862	-8.2113	1.4256	21.341	6.6890	1 7
		8	3	C	B	-287.55	1.3784	9.5186	-1.9533	-17.119	-5.1839	1 2 3 7
		9	3	C	B	-327.19	.98581	-6.7973	1.1217	18.119	5.6575	1 2 3 5
		10	3	C	B	-216.44	-.89362	8.1046	-1.6493	-13.896	-4.1523	1 5
		13	3	C	B	-250.93	.96697	-7.1061	1.2134	17.803	5.5360	1 5
		14	3	C	B	-292.70	-.87478	8.4134	-1.7411	-13.581	-4.0308	1 2 3 5
		15	3	C	B	-248.14	-1.9543	-8.3284	1.5081	16.068	4.9666	1 4
		16	3	C	B	-295.49	2.0465	9.6357	-2.0358	-11.846	-3.4615	1 2 3 4
		18	2		B	-371.33	.06834	1.0069	-.37652	2.6326	.94664	1 2 3
2543	2	2	2		A	-369.18	.06834	-.83050	-.37652	-1.9869	.94664	1 2 3
		2	3	C	B	-330.41	-1.2673	-1.6145	1.3339	-11.578	6.8106	1 2 3 7
		4	3	C	B	-285.62	1.3784	.20802	-1.9533	8.1784	-5.1839	1 2 3 7
		9	3	C	B	-325.26	.98581	-1.3545	1.1217	-9.5191	5.6575	1 2 3 5
		10	3	C	B	-214.51	-.89362	.08698	-1.6493	6.3966	-4.1523	1 5
		12	3	C	B	-209.36	1.3595	.34700	-1.8615	8.4559	-5.3054	1 7
		13	3	C	B	-249.00	.96697	-1.2155	1.2134	-9.2416	5.5360	1 5
		14	3	C	B	-290.77	-.87478	-.05199	-1.7411	6.1191	-4.0308	1 2 3 5
		15	3	C	B	-246.20	-1.9543	-1.3817	1.5081	-8.2102	4.9666	1 4
		16	3	C	B	-293.56	2.0465	.11416	-2.0358	5.0877	-3.4615	1 2 3 4
		18	2		B	-369.18	.06834	-.83050	-.37652	-1.9869	.94664	1 2 3
2544	1	2	2		A	-92.901	.03021	-4.6382	1.2027	-3.0722	-.94387	1 2 3
		1	3	C	B	-50.900	1.5797	3.5479	-.32809	18.561	5.7165	1 4
		2	3	C	B	-93.476	-1.5459	-11.265	2.3179	-23.272	-7.1786	1 2 3 4
		3	3	C	B	-49.415	-.69079	2.0386	.07226	-20.421	-6.2867	1 5
		4	3	C	B	-94.961	.72467	-9.7563	1.9175	15.710	4.8245	1 2 3 5
		5	3	C	B	-69.750	-1.3541	-9.7601	2.0087	-24.108	-7.4661	1 6
		6	3	C	B	-74.625	1.3879	2.0424	-.01886	19.397	6.0040	1 2 3 6
		7	3	C	B	-80.997	.71214	-9.3706	1.8106	16.211	4.9693	1 5
		8	3	C	B	-63.378	-.67826	1.6529	.17925	-20.922	-6.4315	1 2 3 5
		11	3	C	B	-85.947	-1.0674	-10.552	2.0516	14.482	4.4068	1 7
		12	3	C	B	-58.429	1.1012	2.8348	-.06176	-19.193	-5.8690	1 2 3 7
		13	3	C	B	-64.863	1.5923	3.1622	-.22110	18.061	5.5717	1 2 3 4
		14	3	C	B	-79.512	-1.5584	-10.879	2.2109	-22.772	-7.0338	1 4
		18	3	C	B	-99.910	-1.0548	-10.938	2.1586	13.981	4.2620	1 2 3 7
		23	3	C	B	-60.661	1.3754	2.4282	-.12584	19.898	6.1488	1 6
		24	3	C	B	-83.714	-1.3415	-10.145	2.1157	-24.609	-7.6109	1 2 3 6
2544	2	2	2		A	-90.754	.03021	1.2310	1.2027	1.5339	-.94387	1 2 3
		1	3	C	B	-47.482	-.69079	2.4358	.07226	10.259	-6.2867	1 5
		2	3	C	B	-93.028	.72467	-.44302	1.9175	-7.8353	4.8245	1 2 3 5
		3	3	C	B	-48.967	1.5797	2.4610	-.32809	-9.3371	5.7165	1 4
		4	3	C	B	-91.543	-1.5459	-.46821	2.3179	11.761	-7.1786	1 2 3 4
		5	3	C	B	-58.729	1.3754	2.0365	-.12584	-10.108	6.1488	1 6
		6	3	C	B	-81.781	-1.3415	-.04371	2.1157	12.532	-7.6109	1 2 3 6
		7	3	C	B	-67.818	-1.3541	-.18004	2.0087	12.326	-7.4661	1 6
		8	3	C	B	-72.693	1.3879	2.1728	-.01886	-9.9023	6.0040	1 2 3 6
		11	3	C	B	-84.014	-1.0674	-.90735	2.0516	-7.0254	4.4068	1 7
		12	3	C	B	-56.496	1.1012	2.9002	-.06176	9.4492	-5.8690	1 2 3 7
		13	3	C	B	-62.931	1.5923	2.5974	-.22110	-9.1310	5.5717	1 2 3 4
		14	3	C	B	-77.580	-1.5584	-.60455	2.2109	11.554	-7.0338	1 4
		18	3	C	B	-97.978	-1.0548	-.77101	2.1586	-6.8192	4.2620	1 2 3 7
		22	2		B	-90.754	.03021	1.2310	1.2027	1.5339	-.94387	1 2 3
2545	1	2	2		A	-191.62	.25668	15.242	-3.9900	-13.812	-3.2805	1 2 3

РАСЧЕТНЫЕ СОЧЕТАНИЯ

ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
		1	3	C	B	-149.27	1.1924	27.259	-7.4236	-3.2642	-.56884	1 6
		2	3	C	B	-161.08	-.81448	-2.7791	1.0791	-20.028	-5.0722	1 2 3 6
		3	3	C	B	-119.97	1.3161	26.545	-7.2211	-31.950	-8.4058	1 2 3 7
		4	3	C	B	-190.37	-.93827	-2.0646	.87663	8.6582	2.7647	1 7
		5	3	C	B	-109.31	-.60338	.49338	.10910	-26.441	-6.9683	1 5
		6	3	C	B	-201.03	.98131	23.987	-6.4535	3.1493	1.3272	1 2 3 5
		8	3	C	B	-136.10	1.5115	30.856	-8.4680	-27.111	-7.0639	1 2 3 4
		9	3	C	B	-179.90	.92989	22.180	-5.9415	4.1087	1.4884	1 5
		10	3	C	B	-130.45	-.55197	2.2999	-.40288	-27.401	-7.1296	1 2 3 5
		14	3	C	B	-170.40	1.2438	29.066	-7.9355	-4.2236	-.73009	1 2 3 6
		15	3	C	B	-174.24	-1.1336	-6.3762	2.1235	3.8188	1.4228	1 4
		18	3	C	B	-211.50	-.88685	-.25801	.36464	7.6988	2.6034	1 2 3 7
		19	3	C	B	-114.97	1.4601	29.050	-7.9560	-26.151	-6.9026	1 4
		20	3	C	B	-195.38	-1.0822	-4.5696	1.6116	2.8594	1.2615	1 2 3 4
		25	3	C	B	-98.844	1.2647	24.738	-6.7091	-30.991	-8.2445	1 7
2545	2	2	2		A	-189.47	.25668	-4.2524	-3.9995	2.1967	-3.2805	1 2 3
		2	3	C	B	-199.10	.98131	-7.5295	-6.4621	-3.3284	1.3272	1 2 3 5
		4	3	C	B	-134.17	1.5115	-10.504	-8.4766	7.3641	-7.0639	1 2 3 4
		6	3	C	B	-159.14	-.81448	2.4738	1.0705	4.7297	-5.0722	1 2 3 6
		7	3	C	B	-96.911	1.2647	-8.0408	-6.7176	9.2433	-8.2445	1 7
		8	3	C	B	-209.57	-.88685	1.5183	.35606	-5.0070	2.6034	1 2 3 7
		9	3	C	B	-177.96	.92989	-6.8376	-5.9501	-3.1559	1.4884	1 5
		10	3	C	B	-128.51	-.55197	.31517	-.41145	7.3923	-7.1296	1 2 3 5
		11	3	C	B	-188.44	-.93827	2.2102	.86805	-4.8345	2.7647	1 7
		12	3	C	B	-118.04	1.3161	-8.7327	-7.2296	9.0708	-8.4058	1 2 3 7
		14	3	C	B	-168.47	1.2438	-9.6882	-7.9441	-.66591	-.73009	1 2 3 6

		15	3	C	B	-172.31	-1.1336	3.9815	2.1150	-3.1278	1.4228	1	4			
		22	3	C	B	-193.44	-1.0822	3.2896	1.6030	-3.3003	1.2615	1	2	3	4	
		26	2		B	-189.47	.25668	-4.2524	-3.9995	2.1967	-3.2805	1	2	3		
2546	1	2	2		A	-101.17	.10149	1.0423	-.36823	-1.6174	.48497	1	2	3		
		12	1		A	-78.270	.04624	.76740	-.27778	-2.2178	-.03490	1				
		1	3	C	B	-79.669	.18023	15.313	-4.6698	11.090	3.4810	1	5			
		2	3	C	B	-76.859	-.05926	-13.743	4.1080	-14.672	-3.1888	1	2	3	5	
		3	3	C	B	-58.645	.53119	18.317	-5.6242	-18.253	-4.3822	1	7			
		4	3	C	B	-97.884	-.41022	-16.748	5.0624	14.671	4.6744	1	2	3	7	
		5	3	C	B	-61.217	-.09699	-13.931	4.1698	-15.082	-3.5439	1	5			
		6	3	C	B	-95.311	.21796	15.500	-4.7316	11.500	3.8361	1	2	3	5	
		7	3	C	B	-82.242	-.44795	-16.936	5.1242	14.261	4.3193	1	7			
		8	3	C	B	-74.286	.56892	18.505	-5.6859	-17.843	-4.0271	1	2	3	7	
		13	3	C	B	-95.094	-.50634	-20.437	6.2217	10.028	3.4482	1	2	3	4	
		14	3	C	B	-61.434	.62731	22.006	-6.7835	-13.610	-3.1560	1	4			
		15	3	C	B	-79.452	-.54407	-20.625	6.2835	9.6184	3.0932	1	4			
		16	3	C	B	-77.076	.66504	22.194	-6.8452	-13.200	-2.8010	1	2	3	4	
		18	2		B	-101.17	.10149	1.0423	-.36823	-1.6174	.48497	1	2	3		
2546	2	2	2		A	-99.030	.10149	-.75460	-.36823	-3.9841	.48497	1	2	3		
		12	1		A	-76.123	.04624	-.58818	-.27778	-2.0475	-.03490	1				
		1	3	C	B	-59.285	-.09699	6.4177	4.1698	2.2144	-3.5439	1	5			
		2	3	C	B	-93.378	.21796	-7.5901	-4.7316	-7.2225	3.8361	1	2	3	5	
		3	3	C	B	-77.520	-.54407	10.047	6.2835	-5.4799	3.0932	1	4			
		4	3	C	B	-75.143	.66504	-11.219	-6.8452	.47187	-2.8010	1	2	3	4	
		5	3	C	B	-63.314	.40497	-9.8360	-6.0420	-4.0757	1.7461	1	6			
		6	3	C	B	-89.350	-.28400	8.6637	5.4802	-.93227	-1.4539	1	2	3	6	
		7	3	C	B	-59.501	.62731	-11.106	-6.7835	1.7943	-3.1560	1	4			
		8	3	C	B	-93.162	-.50634	9.9337	6.2217	-6.8024	3.4482	1	2	3	4	
		11	3	C	B	-95.951	-.41022	7.9654	5.0624	-8.1398	4.6744	1	2	3	7	
		12	3	C	B	-56.712	.53119	-9.1378	-5.6242	3.1318	-4.3822	1	7			
		18	2		B	-99.030	.10149	-.75460	-.36823	-3.9841	.48497	1	2	3		
		26	3	C	B	-72.354	.56892	-9.2514	-5.6859	1.8093	-4.0271	1	2	3	7	
2547	1	2	1		A	-33.874	-.09364	-.82794	.24888	2.2149	1.3484	1				
		4	2		A	-48.913	-.08421	-.79007	.23960	3.8621	2.2301	1	2	3		
		1	3	C	B	-37.466	-.19017	13.854	-4.1516	17.199	5.7479	1	2	3	5	
		2	3	C	B	-33.775	.02805	-15.319	4.5933	-12.088	-2.7185	1	5			
		3	3	C	B	-34.630	.21974	16.806	-5.0748	-15.277	-3.6207	1	7			
		4	3	C	B	-36.612	-.38185	-18.271	5.5165	20.388	6.6501	1	2	3	7	

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.				
		13	3	C	B	-37.932	-.46366	-21.832	6.6298	15.613	5.3129	1	2	3	4	
		14	3	C	B	-33.310	.30154	20.368	-6.1881	-10.501	-2.2835	1	4			
		15	3	C	B	-27.663	-.47010	-21.858	6.6361	14.488	4.7108	1	4			
		16	3	C	B	-43.579	.30798	20.393	-6.1944	-9.3767	-1.6814	1	2	3	4	
		18	2		B	-48.913	-.08421	-.79007	.23960	3.8621	2.2301	1	2	3		
2547	2	2	2		A	-46.766	-.08421	.37921	.23960	-7.0209	2.2301	1	2	3		
		15	1		A	-31.727	-.09364	.38662	.24888	-4.3656	1.3484	1				
		1	3	C	B	-31.843	.02805	7.0968	4.5933	1.1789	-2.7185	1	5			
		2	3	C	B	-35.534	-.19017	-6.4060	-4.1516	-10.850	5.7479	1	2	3	5	
		3	3	C	B	-34.680	-.38185	8.6586	5.5165	-12.067	6.6501	1	2	3	7	
		4	3	C	B	-32.697	.21974	-7.9678	-5.0748	2.3961	-3.6207	1	7			
		7	3	C	B	-31.377	.30154	-9.8389	-6.1881	.65198	-2.2835	1	4			
		8	3	C	B	-36.000	-.46366	10.529	6.6298	-10.323	5.3129	1	2	3	4	
		15	3	C	B	-25.731	-.47010	10.534	6.6361	-8.5102	4.7108	1	4			
		16	3	C	B	-41.646	.30798	-9.8439	-6.1944	-1.1612	-1.6814	1	2	3	4	
		18	2		B	-46.766	-.08421	.37921	.23960	-7.0209	2.2301	1	2	3		
2548	1	2	2		A	-104.37	.05315	-2.2333	.70747	.85863	1.4536	1	2	3		
		15	1		A	-80.135	.01513	-2.1962	.69514	-.18822	.72440	1				
		1	3	C	B	-82.130	-.56912	16.414	-4.9695	6.2599	2.1676	1	6			
		2	3	C	B	-78.665	.62233	-20.392	6.2291	-5.8838	-.36574	1	2	3	6	
		3	3	C	B	-77.972	.54934	16.334	-4.9476	-13.276	-2.8203	1	7			
		4	3	C	B	-82.823	-.49613	-20.313	6.2073	13.652	4.6222	1	2	3	7	
		5	3	C	B	-62.113	.59637	-20.367	6.2207	-6.5987	-.86377	1	6			
		6	3	C	B	-98.682	-.54316	16.388	-4.9610	6.9748	2.6657	1	2	3	6	
		7	3	C	B	-66.271	-.52209	-20.287	6.1989	12.937	4.1242	1	7			
		8	3	C	B	-94.524	.57530	16.309	-4.9392	-12.561	-2.3223	1	2	3	7	
		15	3	C	B	-63.037	-.70207	-23.219	7.1163	9.6497	3.1846	1	4			
		16	3	C	B	-97.758	.75528	19.240	-5.8566	-9.2735	-1.3826	1	2	3	4	
		18	2		B	-104.37	.05315	-2.2333	.70747	.85863	1.4536	1	2	3		
		19	3	C	B	-81.206	.72932	19.265	-5.8650	-9.9885	-1.8807	1	4			
		20	3	C	B	-79.589	-.67611	-23.244	7.1247	10.364	3.6826	1	2	3	4	
2548	2	2	2		A	-102.22	.05315	1.2191	.70747	-6.2352	1.4536	1	2	3		
		4	1		A	-77.988	.01513	1.1960	.69514	-3.7233	.72440	1				
		1	3	C	B	-60.181	.59637	9.9939	6.2207	-2.3736	-.86377	1	6			
		2	3	C	B	-96.750	-.54316	-7.8252	-4.9610	-6.0437	2.6657	1	2	3	6	
		3	3	C	B	-77.657	-.67611	11.531	7.1247	-7.6647	3.6826	1	2	3	4	
		4	3	C	B	-79.274	.72932	-9.3624	-5.8650	-.75256	-1.8807	1	4			
		7	3	C	B	-76.040	.54934	-7.8162	-4.9476	.48715	-2.8203	1	7			
		8	3	C	B	-80.891	-.49613	9.9849	6.2073	-8.9045	4.6222	1	2	3	7	
		13	3	C	B	-76.733	.62233	10.009	6.2291	-4.0890	-.36574	1	2	3	6	
		14	3	C	B	-80.198	-.56912	-7.8410	-4.9695	-4.3283	2.1676	1	6			
		15	3	C	B	-61.105	-.70207	11.515	7.1163	-5.9493	3.1846	1	4			
		16	3	C	B	-95.826	.75528	-9.3466	-5.8566	-2.4679	-1.3826	1	2	3	4	
		18	2		B	-102.22	.05315	1.2191	.70747	-6.2352	1.4536	1	2	3		
		24	3	C	B	-93.967	-.29415	8.0918	5.1083	-8.0717	3.9832	1	2	3	5	
2549	1	1	2		A	-188.75	.29798	15.866	-4.1352	16.494	4.0472	1	2	3		
		1	3	C	B	-136.13	-.76990	31.571	-8.6218	29.395	7.7845	1	2	3	4	
		2	3	C	B	-170.82	1.2024	-5.4678	1.8753	-2.5675	-1.1257	1	4			
		3	3	C	B	-150.96	-.69519	28.867	-7.8237	-2.7743	-1.2151	1	7			
		4	3	C	B	-155.99	1.1276	-2.7640	1.0772	29.602	7.8739	1	2	3	7	
		7	3	C	B	-135.95	1.0642	-4.2658	1.5032	27.853	7.4911	1	7			
		8	3	C	B	-171.01	-.63169	30.369	-8.2497	-1.0251	-.83236	1	2	3	7	
		18	3	C	B	-198.97	.93065	.10148	.28106	.89580	-.21681	1	2	3	6	
		19	3	C	B	-116.08	-.83339	30.069	-8.1958	27.646	7.4017	1	4			

	20	3	C	B	-190.87	1.2659	-3.9660	1.4493	-.81830	-.74294	1	2	3	4		
2549	2	2	2	A	-186.60	.29798	-4.3350	-4.1442	-3.2559	4.0472	1	2	3			
	2	3	C	B	-126.09	-.43466	-8.8967	-7.4616	-7.7416	7.2583	1	2	3	6		
	4	3	C	B	-169.07	-.63169	-9.9195	-8.2578	3.0376	-.83236	1	2	3	7		
	5	3	C	B	-106.05	-.49815	-8.3195	-7.0356	-7.6229	6.8756	1	6				
	6	3	C	B	-197.04	.93065	1.4607	.27298	1.9563	-.21681	1	2	3	6		
	7	3	C	B	-114.15	-.83339	-9.9572	-8.2039	2.9309	7.4017	1	4				
	8	3	C	B	-188.94	1.2659	3.0984	1.4412	-8.5974	-.74294	1	2	3	4		
	9	3	C	B	-154.06	1.1276	2.4835	1.0691	-8.8228	7.8739	1	2	3	7		

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.					
	10	3	C	B	-149.02	-.69519	-9.3423	-7.8318	3.1563	-1.2151	1	7					
	11	3	C	B	-134.19	-.76990	-10.534	-8.6299	2.8121	7.7845	1	2	3	4			
	12	3	C	B	-168.89	1.2024	3.6756	1.8672	-8.4787	-1.1257	1	4					
2550	1	2	2	A	-154.92	-.00356	-.53280	-.13863	-.33151	.07184	1	2	3				
	11	1		A	-114.58	-.02151	-.42541	-.11487	-.23483	.05930	1						
	1	3	C	B	51.446	-1.1820	3.1214	-2.5274	.54602	.09976	1	6					
	2	3	C	B	-285.25	1.1555	-3.9604	2.3044	-1.0347	.01554	1	2	3	6			
	3	3	C	B	32.067	-1.7317	4.2446	-2.7582	-1.2342	-.03014	1	4					
	4	3	C	B	-265.87	1.7052	-5.0837	2.5353	.74554	.14545	1	2	3	4			
	5	3	C	B	25.100	1.1931	-5.0101	2.3439	.90471	.14709	1	5					
	6	3	C	B	-258.90	-1.2196	4.1710	-2.5669	-1.3934	-.03178	1	2	3	5			
	9	3	C	B	-27.397	1.7516	-5.9761	2.5514	1.0284	.17822	1	2	3	7			
	10	3	C	B	-206.40	-1.7780	5.1370	-2.7744	-1.5171	-.06291	1	7					
	31	3	C	B	.14647	1.7393	-5.9028	2.5676	1.0944	.16965	1	7					
	32	3	C	B	-233.95	-1.7658	5.0637	-2.7906	-1.5831	-.05434	1	2	3	7			
	33	3	C	B	-238.32	1.6930	-5.0103	2.5515	.81157	.13688	1	4					
	34	3	C	B	4.5237	-1.7195	4.1712	-2.7745	-1.3003	-.02157	1	2	3	4			
2550	2	2	2	A	-154.63	-.00356	-.62430	-.13863	-.37893	.07184	1	2	3				
	11	1		A	-114.29	-.02151	-.50123	-.11487	-.27397	.05930	1						
	1	3	C	B	51.708	-1.1820	1.4584	-2.5274	.48048	.09976	1	6					
	2	3	C	B	-284.98	1.1555	-2.4446	2.3044	-1.0453	.01554	1	2	3	6			
	3	3	C	B	32.329	-1.7317	2.4740	-2.7582	-1.2153	-.03014	1	4					
	4	3	C	B	-265.61	1.7052	-3.4603	2.5353	.65056	.14545	1	2	3	4			
	5	3	C	B	25.361	1.1931	-3.5031	2.3439	.80825	.14709	1	5					
	6	3	C	B	-258.64	-1.2196	2.5169	-2.5669	-1.3730	-.03178	1	2	3	5			
	9	3	C	B	-27.136	1.7516	-4.3029	2.5514	.91087	.17822	1	2	3	7			
	10	3	C	B	-206.14	-1.7780	3.3166	-2.7744	-1.4757	-.06291	1	7					
	31	3	C	B	.40783	1.7393	-4.2189	2.5676	.98255	.16965	1	7					
	32	3	C	B	-233.68	-1.7658	3.2326	-2.7906	-1.5473	-.05434	1	2	3	7			
	33	3	C	B	-238.06	1.6930	-3.3762	2.5515	.72224	.13688	1	4					
	34	3	C	B	4.7851	-1.7195	2.3900	-2.7745	-1.2870	-.02157	1	2	3	4			
2562	1	2	2	A	-86.357	.53200	.15639	-.15931	1.0031	1.1719	1	2	3				
	1	3	C	B	-14.663	1.1578	.38931	-.12300	2.3694	2.1140	1	6					
	2	3	C	B	-119.14	-.35691	-.13816	-.12820	-.86909	-.30890	1	2	3	6			
	3	3	C	B	-11.475	-1.7101	1.0523	-.12701	-6.2107	-4.6567	1	7					
	4	3	C	B	-122.33	2.5111	-.80123	-.12418	7.7111	6.4618	1	2	3	7			
	11	3	C	B	-105.92	-.45268	-.15672	-.10646	-1.0557	-.49493	1	6					
	12	3	C	B	-27.888	1.2536	.40787	-.14473	2.5561	2.3000	1	2	3	6			
	32	2		B	-86.357	.53200	.15639	-.15931	1.0031	1.1719	1	2	3				
2562	2	2	2	A	-86.066	.53200	.05125	-.15931	.22972	1.1719	1	2	3				
	2	3	C	B	-118.88	-.35691	-.22542	-.12820	-.67066	-.30890	1	2	3	6			
	3	3	C	B	-11.214	-1.7101	.97046	-.12701	-3.1378	-4.6567	1	7					
	4	3	C	B	-122.07	2.5111	-.88511	-.12418	3.4467	6.4618	1	2	3	7			
	11	3	C	B	-105.65	-.45268	-.22963	-.10646	-.73458	-.49493	1	6					
	12	3	C	B	-27.626	1.2536	.31499	-.14473	1.0435	2.3000	1	2	3	6			
	32	2		B	-86.066	.53200	.05125	-.15931	.22972	1.1719	1	2	3				
2565	1	2	2	A	-71.012	.32554	-.30955	.11876	.44501	.04513	1	2	3				
	1	3	C	B	95.645	1.5862	-.96606	.24641	1.4978	.07184	1	7					
	2	3	C	B	-206.72	-1.1033	.48718	-.06306	-.85045	.00554	1	2	3	7			
	9	3	C	B	85.410	1.6492	-1.0139	.26501	1.5917	.07419	1	2	3	7			
	10	3	C	B	-196.48	-1.1663	.53506	-.08166	-.94434	.00319	1	7					
2565	2	2	2	A	-70.721	.32554	-.23117	.11876	.41522	.04513	1	2	3				
	1	3	C	B	95.906	1.5862	-.80347	.24641	1.4516	.07184	1	7					
	2	3	C	B	-206.46	-1.1033	.44561	-.06306	-.85533	.00554	1	2	3	7			
	9	3	C	B	85.671	1.6492	-.83907	.26501	1.5440	.07419	1	2	3	7			
	10	3	C	B	-196.22	-1.1663	.48121	-.08166	-.94766	.00319	1	7					
2566	1	2	2	A	-65.325	.25913	.05755	-.07126	-.59436	-.03901	1	2	3				
	1	3	C	B	95.265	.93748	.74989	-.21631	-1.4609	-.04847	1	7					
	2	3	C	B	-196.83	-.56674	-.67067	.11017	.58281	-.01768	1	2	3	7			
	9	3	C	B	-67.312	1.7423	-.14543	-.03483	-1.1458	-.04733	1	2	3	6			
	10	3	C	B	-34.261	-1.3716	.22464	-.07130	.26762	-.01882	1	6					

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.					
	29	3	C	B	-187.05	-.62524	-.68557	.12370	.69997	-.01519	1	7					
	30	3	C	B	85.478	.99598	.76479	-.22984	-1.5781	-.05096	1	2	3	7			
2566	2	2	2	A	-65.034	.25913	.01051	-.07126	-.56861	-.03901	1	2	3				
	1	3	C	B	95.526	.93748	.60735	-.21631	-1.4301	-.04847	1	7					
	2	3	C	B	-196.57	-.56674	-.59819	.11017	.59565	-.01768	1	2	3	7			
	9	3	C	B	-67.051	1.7423	-.16991	-.03483	-1.1156	-.04733	1	2	3	6			
	10	3	C	B	-34.000	-1.3716	.17907	-.07130	.28109	-.01882	1	6					
	29	3	C	B	-186.79	-.62524	-.60416	.12370	.71117	-.01519	1	7					
	30	3	C	B	85.739	.99598	.61332	-.22984	-1.5456	-.05096	1	2	3	7			

2569	1	2	2		A	-42.178	.32108	-.24112	.09505	-.52451	-.40850	1	2	3					
		1	3	C	B	21.560	-.85451	-1.1064	.08086	4.1671	3.3967	1	7						
		2	3	C	B	-85.316	1.3096	.72520	.06689	-4.8789	-3.9465	1	2	3	7				
		3	3	C	B	15.298	1.8712	-.41390	.07679	-5.0470	-4.1879	1	6						
		4	3	C	B	-79.054	-1.4161	.03264	.07096	4.3353	3.6381	1	2	3	6				
		5	3	C	B	17.750	1.8444	-.80224	.07972	-5.0799	-4.1969	1	4						
		6	3	C	B	-81.506	-1.3893	.42097	.06804	4.3682	3.6471	1	2	3	4				
		9	3	C	B	14.125	-.77943	-1.1387	.09512	4.0251	3.2833	1	2	3	7				
		10	3	C	B	-77.881	1.2345	.75745	.05263	-4.7368	-3.8331	1	7						
		11	3	C	B	-71.619	-1.4912	.06489	.05670	4.4774	3.7515	1	6						
		12	3	C	B	7.8633	1.9463	-.44615	.09106	-5.1891	-4.3013	1	2	3	6				
		27	3	C	B	-74.071	-1.4644	.45323	.05378	4.5103	3.7605	1	4						
		28	3	C	B	10.315	1.9195	-.83449	.09398	-5.2220	-4.3103	1	2	3	4				
		33	2		B	-42.178	.32108	-.24112	.09505	-.52451	-.40850	1	2	3					
2569	2	2	2		A	-41.887	.32108	-.17838	.09505	-.25490	-.40850	1	2	3					
		1	3	C	B	21.821	-.85451	-1.0537	.08086	1.9283	3.3967	1	7						
		2	3	C	B	-85.055	1.3096	.77006	.06689	-2.2771	-3.9465	1	2	3	7				
		3	3	C	B	15.559	1.8712	-.36385	.07679	-2.2841	-4.1879	1	6						
		4	3	C	B	-78.793	-1.4161	.08011	.07096	1.9353	3.6381	1	2	3	6				
		5	3	C	B	18.011	1.8444	-.75146	.07972	-2.3136	-4.1969	1	4						
		6	3	C	B	-81.245	-1.3893	.46773	.06804	1.9648	3.6471	1	2	3	4				
		9	3	C	B	14.386	-.77943	-1.0766	.09512	1.8610	3.2833	1	2	3	7				
		10	3	C	B	-77.620	1.2345	.79290	.05263	-2.2098	-3.8331	1	7						
		11	3	C	B	-71.358	-1.4912	.10295	.05670	2.0025	3.7515	1	6						
		12	3	C	B	8.1247	1.9463	-.38668	.09106	-2.3514	-4.3013	1	2	3	6				
		27	3	C	B	-73.810	-1.4644	.49057	.05378	2.0321	3.7605	1	4						
		28	3	C	B	10.576	1.9195	-.77430	.09398	-2.3809	-4.3103	1	2	3	4				
		33	2		B	-41.887	.32108	-.17838	.09505	-.25490	-.40850	1	2	3					
2601	1	2	2		A	-126.62	.00708	-.77598	.38847	.15908	-.07049	1	2	3					
		10	1		A	-92.987	-.00136	-.59470	.28658	.09832	-.06101	1							
		1	3	C	B	48.640	1.1743	3.7527	-1.0016	-1.3995	-.18375	1	7						
		2	3	C	B	-238.98	-1.1709	-4.9470	1.5870	1.6180	.06745	1	2	3	7				
		5	3	C	B	4.1367	-1.2977	-4.2084	1.4648	-.26427	-.04275	1	6						
		6	3	C	B	-194.48	1.3011	3.0141	-.87936	.48274	-.07354	1	2	3	6				
		9	3	C	B	1.9133	1.5877	3.5501	-1.0054	-.86689	-.14548	1	2	3	4				
		10	3	C	B	-192.26	-1.5844	-4.7443	1.5908	1.0853	.02918	1	4						
		13	3	C	B	-222.20	.65842	-4.4350	1.4565	1.2934	.03746	1	2	3	5				
		14	3	C	B	31.853	-.65511	3.2408	-.87116	-1.0749	-.15376	1	5						
		15	3	C	B	-215.23	-1.5786	-4.8681	1.6604	1.1268	.02271	1	2	3	4				
		16	3	C	B	24.883	1.5819	3.6739	-1.0749	-.90838	-.13901	1	4						
		27	3	C	B	-216.01	-1.1767	-4.8232	1.5174	1.5765	.07392	1	7						
		28	3	C	B	25.670	1.1800	3.6289	-.93203	-1.3580	-.19022	1	2	3	7				
2601	2	2	2		A	-126.33	.00708	-.51958	.38847	.20561	-.07049	1	2	3					
		10	1		A	-92.697	-.00136	-.40555	.28658	.13859	-.06101	1							
		1	3	C	B	48.902	1.1743	3.0989	-1.0016	-1.2784	-.18375	1	7						
		2	3	C	B	-238.72	-1.1709	-3.9068	1.5870	1.5736	.06745	1	2	3	7				
		5	3	C	B	4.3980	-1.2977	-3.2457	1.4648	-.22675	-.04275	1	6						
		6	3	C	B	-194.22	1.3011	2.4378	-.87936	.52198	-.07354	1	2	3	6				
		9	3	C	B	2.1746	1.5877	2.8979	-1.0054	-.77338	-.14548	1	2	3	4				
		10	3	C	B	-191.99	-1.5844	-3.7058	1.5908	1.0686	.02918	1	4						
		13	3	C	B	-221.94	.65842	-3.4757	1.4565	1.2700	.03746	1	2	3	5				
		14	3	C	B	32.114	-.65511	2.6678	-.87116	-.97481	-.15376	1	5						
		15	3	C	B	-214.97	-1.5786	-3.7837	1.6604	1.1143	.02271	1	2	3	4				
		16	3	C	B	25.145	1.5819	2.9758	-1.0749	-.81915	-.13901	1	4						

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.							
		27	3	C	B	-215.75	-1.1767	-3.8289	1.5174	1.5279	.07392	1	7						
		28	3	C	B	25.931	1.1800	3.0210	-.93203	-1.2326	-.19022	1	2	3	7				
2602	1	2	2		A	-155.23	.02276	-.64111	-.16637	-.37893	.50425	1	2	3					
		14	1		A	-114.50	-.00123	-.51514	-.13714	-.27397	.36746	1							
		1	3	C	B	43.642	-1.2157	1.1673	-2.5633	.48048	.06638	1	6						
		2	3	C	B	-277.56	1.2298	-2.1806	2.2964	-1.0453	.68845	1	2	3	6				
		3	3	C	B	24.936	-1.7943	2.1697	-2.7911	-1.2153	.12962	1	4						
		4	3	C	B	-258.86	1.8084	-3.1830	2.5243	.65056	.62522	1	2	3	4				
		5	3	C	B	18.205	1.3011	-3.2441	2.3315	.80825	.15654	1	5						
		6	3	C	B	-252.13	-1.2869	2.2308	-2.5983	-1.3730	.59830	1	2	3	5				
		9	3	C	B	-33.807	1.8796	-4.0112	2.5332	.91087	.44785	1	2	3	7				
		10	3	C	B	-200.11	-1.8654	2.9979	-2.8000	-1.4757	.30698	1	7						
		11	3	C	B	-227.93	-1.8490	2.9119	-2.8199	-1.5473	.40039	1	2	3	7				
		12	3	C	B	-5.9916	1.8632	-3.9252	2.5531	.98255	.35444	1	7						
		33	3	C	B	-231.04	1.7920	-3.0970	2.5442	.72224	.53181	1	4						
		34	3	C	B	-2.8795	-1.7779	2.0837	-2.8111	-1.2870	.22303	1	2	3	4				
2602	2	2	2		A	-154.94	.02276	-.75092	-.16637	-.71174	.50425	1	2	3					
		14	1		A	-114.21	-.00123	-.60565	-.13714	-.51649	.36746	1							
		1	3	C	B	43.903	-1.2157	-.75265	-2.5633	.43571	.06638	1	6						
		2	3	C	B	-277.30	1.2298	-.43673	2.2964	-1.4987	.68845	1	2	3	6				
		3	3	C	B	25.197	-1.7943	.59143	-2.7911	-1.5088	.12962	1	4						
		4	3	C	B	-258.60	1.8084	-1.7808	2.5243	.44585	.62522	1	2	3	4				
		9	3	C	B	-33.545	1.8796	-2.3785	2.5332	.61916	.44785	1	2	3	7				
		10	3	C	B	-199.85	-1.8654	1.1891	-2.8000	-1.6821	.30698	1	7						
		11	3	C	B	-227.67	-1.8490	1.0899	-2.8199	-1.8155	.40039	1	2	3	7				
		12	3	C	B	-5.7302	1.8632	-2.2793	2.5531	.75249	.35444	1	7						
		33	3	C	B	-230.78	1.7920	-1.6816	2.5442	.57918	.53181	1	4						
		34	3	C	B	-2.6181	-1.7779	.49223	-2.8111	-1.6422	.22303	1	2	3	4				
2614	1	2	2		A	-87.454	.48556	.05125	-.14730	.09356	1.2211	1	2	3					
		11	1		A	-67.877	.35489	.04508	-.11683	.03161	.93862	1							
		2	3	C	B	-116.65	-.35747	-.22542	-.11039	-.63662	-.31002	1	2	3	6				
		3	3	C	B	-14.546	-1.5902	.97046	-.12528	-2.5945	-4.7929	1	7						
		4	3	C	B	-121.00	2.3182	-.88511	-.10582	2.6937	6.6753	1	2	3	7				
		11	3	C	B	-105.03	-1.2535	-.59198	-.08635	1.8541	4.7721	1	4						
		12	3	C	B	-30.515	1.9815	.67734	-.14475	-1.7549	-2.8896	1	2	3	4				
		32	2		B	-87.454	.48556	.05125	-.14730	.09356	1.2211	1	2	3					
		34	3	C	B	-27.914	-1.5010	.97468	-.14609	-2.5522	-4.5999	1	2	3	7				

2614	2	2	2		A	-87.163	.48556	-.04597	-.14730	-.71240	1.2211	1	2	3		
		11	1		A	-67.586	.35489	-.03202	-.11683	-.58787	.93862	1				
		1	3	C	B	-14.284	-1.5902	.88868	-.12528	.57254	-4.7929	1	7			
		2	3	C	B	-120.73	2.3182	-.95586	-.10582	-1.7157	6.6753	1	2	3	7	
		4	3	C	B	-116.39	-.35747	-.29915	-.11039	-.37780	-.31002	1	2	3	6	
		11	3	C	B	-104.77	-1.2535	-.65152	-.08635	-1.3125	4.7721	1	4			
		12	3	C	B	-30.253	1.9815	.58435	-.14475	.16929	-2.8896	1	2	3	4	
		32	2		B	-87.163	.48556	-.04597	-.14730	-.71240	1.2211	1	2	3		
		34	3	C	B	-27.653	-1.5010	.87916	-.14609	.48750	-4.5999	1	2	3	7	
2617	1	2	2		A	-72.612	.28790	-.21258	.18244	.39378	.37077	1	2	3		
		1	3	C	B	84.300	1.6269	-.77916	.23968	1.4470	.09976	1	7			
		2	3	C	B	-197.51	-1.2004	.44991	.03794	-.88399	.46012	1	2	3	7	
		9	3	C	B	73.608	1.6830	-.81181	.27071	1.5361	.16548	1	2	3	7	
		10	3	C	B	-186.81	-1.2565	.48256	.00690	-.97312	.39440	1	7			
2617	2	2	2		A	-72.322	.28790	-.09217	.18244	.14907	.37077	1	2	3		
		1	3	C	B	84.562	1.6269	-.62098	.23968	1.3807	.09976	1	7			
		2	3	C	B	-197.25	-1.2004	.47496	.03794	-1.1872	.46012	1	2	3	7	
		9	3	C	B	73.869	1.6830	-.63314	.27071	1.4264	.16548	1	2	3	7	
		10	3	C	B	-186.55	-1.2565	.48712	.00690	-1.2329	.39440	1	7			
2618	1	2	2		A	-66.061	.24098	-.00290	-.14071	-.54882	-.32951	1	2	3		
		1	3	C	B	84.838	.97049	.58542	-.22364	-1.4288	-.06004	1	7			
		2	3	C	B	-187.08	-.62623	-.59652	.01364	.62464	-.42921	1	2	3	7	
		9	3	C	B	-66.425	1.8645	-.17629	-.06273	-1.0946	-.29695	1	2	3	6	
		10	3	C	B	-35.825	-1.5202	.16519	-.14726	.29053	-.19231	1	6			

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ЭЛМ	НС	КРТ	СТ	КС		N	МК	МУ	QZ	МZ	QY	ЗАГРУЖЕНИЯ.				
		31	3	C	B	-176.90	-.68095	-.60011	.04010	.73694	-.36573	1	7			
		32	3	C	B	74.654	1.0252	.58901	-.25010	-1.5411	-.12353	1	2	3	7	
2618	2	2	2		A	-65.771	.24098	-.09577	-.14071	-.33134	-.32951	1	2	3		
		1	3	C	B	85.099	.97049	.43832	-.22364	-1.3889	-.06004	1	7			
		2	3	C	B	-186.82	-.62623	-.58802	.01364	.90770	-.42921	1	2	3	7	
		9	3	C	B	-66.163	1.8645	-.21887	-.06273	-.90112	-.29695	1	2	3	6	
		10	3	C	B	-35.563	-1.5202	.06917	-.14726	.41987	-.19231	1	6			
		31	3	C	B	-176.64	-.68095	-.57414	.04010	.97810	-.36573	1	7			
		32	3	C	B	74.916	1.0252	.42444	-.25010	-1.4593	-.12353	1	2	3	7	
2621	1	2	2		A	-41.905	.30595	-.17838	.09854	-.20758	-.42299	1	2	3		
		1	3	C	B	18.892	-.78792	-1.0537	.08793	1.5328	3.5082	1	7			
		2	3	C	B	-82.196	1.2222	.77006	.06517	-1.8180	-4.0779	1	2	3	7	
		3	3	C	B	10.782	1.7048	-.36385	.08143	-1.7968	-4.3326	1	6			
		4	3	C	B	-74.086	-1.2704	.08011	.07166	1.5116	3.7630	1	2	3	6	
		5	3	C	B	14.108	-1.3528	-.75146	.08480	-1.8262	-4.3375	1	4			
		6	3	C	B	-77.412	1.7871	.46773	.06830	1.5410	3.7679	1	2	3	4	
		11	3	C	B	-66.674	-1.3416	.10295	.05682	1.5657	3.8801	1	6			
		12	3	C	B	3.3709	1.7759	-.38668	.09627	-1.8509	-4.4498	1	2	3	6	
		27	3	C	B	-70.000	1.7159	.49057	.05346	1.5951	3.8850	1	4			
		28	3	C	B	6.6972	-1.2816	-.77430	.09964	-1.8803	-4.4547	1	2	3	4	
		31	3	C	B	11.481	-.71675	-1.0766	.10277	1.4787	3.3910	1	2	3	7	
		33	2		B	-41.905	.30595	-.17838	.09854	-.20758	-.42299	1	2	3		
2621	2	2	2		A	-41.614	.30595	-.11334	.09854	.07159	-.42299	1	2	3		
		1	3	C	B	11.043	1.7048	-.31031	.08143	1.0692	-4.3326	1	6			
		2	3	C	B	-73.824	-1.2704	.12763	.07166	-.97844	3.7630	1	2	3	6	
		3	3	C	B	19.154	-.78792	-.99600	.08793	-.80228	3.5082	1	7			
		4	3	C	B	-81.935	1.2222	.81331	.06517	.89308	-4.0779	1	2	3	7	
		7	3	C	B	14.370	-1.3528	-.69657	.08480	1.0585	-4.3375	1	4			
		8	3	C	B	-77.151	1.7871	.51389	.06830	-.96775	3.7679	1	2	3	4	
		11	3	C	B	-66.413	-1.3416	.14067	.05682	-1.0017	3.8801	1	6			
		12	3	C	B	3.6322	1.7759	-.32336	.09627	1.0925	-4.4498	1	2	3	6	
		27	3	C	B	-69.739	1.7159	.52693	.05346	-.99102	3.8850	1	4			
		28	3	C	B	6.9585	-1.2816	-.70962	.09964	1.0818	-4.4547	1	2	3	4	
		31	3	C	B	11.742	-.71675	-1.0090	.10277	-.77901	3.3910	1	2	3	7	
		33	2		B	-41.614	.30595	-.11334	.09854	.07159	-.42299	1	2	3		
2653	1	2	2		A	-127.99	-.01410	-.47521	.38358	.20561	-.46290	1	2	3		
		1	3	C	B	40.333	1.2841	2.9852	-.96659	-1.2784	-.26919	1	7			
		2	3	C	B	-232.53	-1.3149	-3.7263	1.5436	1.5736	-.42679	1	2	3	7	
		5	3	C	B	-.33059	-1.4740	-3.0792	1.4142	-.22675	-.12012	1	6			
		6	3	C	B	-191.86	1.4432	2.3382	-.83724	.52198	-.57586	1	2	3	6	
		9	3	C	B	18.536	1.7293	2.8551	-1.0341	-.81915	-.44962	1	4			
		10	3	C	B	-210.73	-1.7600	-3.5962	1.6111	1.1143	-.24636	1	2	3	4	
		11	3	C	B	-187.39	-1.7633	-3.5263	1.5418	1.0686	-.16247	1	4			
		12	3	C	B	-4.8066	1.7325	2.7852	-.96479	-.77338	-.53351	1	2	3	4	
2653	2	2	2		A	-127.70	-.01410	-.22204	.38358	.51112	-.46290	1	2	3		
		1	3	C	B	40.595	1.2841	2.3616	-.96659	-1.0949	-.26919	1	7			
		2	3	C	B	-232.26	-1.3149	-2.7218	1.5436	1.8495	-.42679	1	2	3	7	
		7	3	C	B	-.06924	-1.4740	-2.1551	1.4142	-.14525	-.12012	1	6			
		8	3	C	B	-191.60	1.4432	1.7949	-.83724	.89983	-.57586	1	2	3	6	
		9	3	C	B	18.797	1.7293	2.1964	-1.0341	-.65853	-.44962	1	4			
		10	3	C	B	-210.47	-1.7600	-2.5567	1.6111	1.4131	-.24636	1	2	3	4	
		11	3	C	B	-187.12	-1.7633	-2.5326	1.5418	1.3119	-.16247	1	4			
		12	3	C	B	-4.5452	1.7325	2.1723	-.96479	-.55739	-.53351	1	2	3	4	
2654	1	2	2		A	-162.13	.09234	-.77497	-.26382	-.71174	1.8296	1	2	3		
		14	1		A	-119.24	.05362	-.62548	-.21674	-.51649	1.1644	1				
		1	3	C	B	38.065	-1.1249	-.91812	-2.8477	.43571	1.0039	1	6			
		2	3	C	B	-281.99	1.2479	-.30983	2.4254	-1.4987	1.5463	1	2	3	6	
		3	3	C	B	18.875	-1.7418	.40388	-3.0770	-1.5088	.62984	1	4			
		4	3	C	B	-262.80	1.8648	-1.6318	2.6547	.44585	1.9204	1	2	3	4	
		9	3	C	B	-42.431	1.9681	-2.0969	2.6329	.61916	2.1483	1	2	3	7	
		10	3	C	B	-201.49	-1.8451	.86902	-3.0552	-1.6821	.40200	1	7			
		11	3	C	B	-230.78	-1.8187	.76693	-3.0873	-1.8155	.85624	1	2	3	7	

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РАСЧЕТНЫЕ СОЧЕТАНИЯ

ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
		12	3	C	B	-13.148	1.9416	-1.9948	2.6650	.75249	1.6940	1 7
		33	3	C	B	-233.52	1.8383	-1.5297	2.6868	.57918	1.4662	1 4
		34	3	C	B	-10.407	-1.7154	.30179	-3.1091	-1.6422	1.0840	1 2 3 4
2654	2	2	2		A	-161.84	.09234	-.94910	-.26382	-1.9193	1.8296	1 2 3
		14	1		A	-118.95	.05362	-.76853	-.21674	-1.2850	1.1644	1
		1	3	C	B	38.326	-1.1249	-2.7403	-2.8477	-.27082	1.0039	1 6
		2	3	C	B	-281.73	1.2479	1.2337	2.4254	-2.4754	1.5463	1 2 3 6
		9	3	C	B	-42.169	1.9681	-.05063	2.6329	-.79794	2.1483	1 2 3 7
		10	3	C	B	-201.23	-1.8451	-1.4560	-3.0552	-1.9483	.40200	1 7
		11	3	C	B	-230.52	-1.8187	-1.5793	-3.0873	-2.3814	.85624	1 2 3 7
		12	3	C	B	-12.886	1.9416	.07266	2.6650	-.36481	1.6940	1 7
		33	3	C	B	-233.26	1.8383	1.0577	2.6868	-2.0032	1.4662	1 4
		34	3	C	B	-10.146	-1.7154	-2.5644	-3.1091	-.74297	1.0840	1 2 3 4
2666	1	2	2		A	-90.048	.29975	-.04597	.02859	-.86330	1.4727	1 2 3
		1	3	C	B	-18.340	-1.1686	.88868	-.10795	1.1497	-5.3761	1 7
		2	3	C	B	-121.23	1.6060	-.95586	.15118	-2.5258	7.6523	1 2 3 7
		4	3	C	B	-116.08	-.38683	-.29915	.20737	-.36097	-.29232	1 2 3 6
		11	3	C	B	-118.21	-.96557	-.66105	.18485	-1.9970	5.7153	1 2 3 4
		12	3	C	B	-21.359	1.4029	.59387	-.14162	.62091	-3.4391	1 4
		32	3	C	B	-23.495	.82424	.23198	-.16414	-1.0151	2.5685	1 6
2666	2	2	2		A	-89.758	.29975	-.02709	.02859	-1.8353	1.4727	1 2 3
		1	3	C	B	-18.078	-1.1686	.81770	-.10795	4.6968	-5.3761	1 7
		2	3	C	B	-120.97	1.6060	-.85635	.15118	-7.5753	7.6523	1 2 3 7
		3	3	C	B	-23.234	.82424	.12481	-.16414	-2.6916	2.5685	1 6
		4	3	C	B	-115.82	-.38683	-.16346	.20737	-.18684	-.29232	1 2 3 6
		11	3	C	B	-117.95	-.96557	-.56962	.18485	-5.7637	5.7153	1 2 3 4
		12	3	C	B	-21.098	1.4029	.53098	-.14162	2.8853	-3.4391	1 4
2669	1	2	2		A	-78.801	.23619	-.07381	.12007	.01504	2.1625	1 2 3
		1	3	C	B	76.905	1.6842	-.57655	.46435	1.2991	1.4419	1 7
		2	3	C	B	-199.26	-1.3331	.45726	-.30147	-1.3007	1.6799	1 2 3 7
		9	3	C	B	64.996	1.7294	-.58484	.49691	1.3166	1.9130	1 2 3 7
		10	3	C	B	-187.35	-1.3783	.46556	-.33403	-1.3181	1.2088	1 7
		15	3	C	B	30.709	-1.1472	-.43310	.42014	.86432	1.5091	1 4
		16	3	C	B	-153.07	1.4983	.31382	-.25726	-.86584	1.6127	1 2 3 4
		27	2		B	-78.801	.23619	-.07381	.12007	.01504	2.1625	1 2 3
2669	2	2	2		A	-78.511	.23619	.00544	.12007	-1.4122	2.1625	1 2 3
		1	3	C	B	77.166	1.6842	-.27162	.46435	.36301	1.4419	1 7
		2	3	C	B	-199.00	-1.3331	.25983	-.30147	-2.4250	1.6799	1 2 3 7
		9	3	C	B	65.257	1.7294	-.25842	.49691	.06957	1.9130	1 2 3 7
		10	3	C	B	-187.09	-1.3783	.24664	-.33403	-2.1315	1.2088	1 7
		15	3	C	B	30.971	-1.1472	-.18179	.42014	-.01124	1.5091	1 4
		16	3	C	B	-152.80	1.4983	.17000	-.25726	-2.0507	1.6127	1 2 3 4
		27	2		B	-78.511	.23619	.00544	.12007	-1.4122	2.1625	1 2 3
2670	1	2	2		A	-71.251	.21041	-.10965	-.07604	-.22010	-1.7801	1 2 3
		1	3	C	B	78.261	1.0135	.40125	-.37372	-1.3141	-1.3402	1 7
		2	3	C	B	-187.96	-.71150	-.57049	.27936	.98971	-1.1411	1 2 3 7
		9	3	C	B	-58.753	1.9682	-.20467	.22202	-.78002	-.68146	1 6
		10	3	C	B	-50.948	-1.6662	.03542	-.31638	.45560	-1.7999	1 2 3 6
		11	3	C	B	-39.609	-1.7131	.05262	-.29039	.49946	-1.3579	1 6
		12	3	C	B	-70.092	2.0151	-.22187	.19602	-.82389	-1.1234	1 2 3 6
		30	3	C	B	37.628	1.3162	.28329	-.36985	-1.1763	-1.7919	1 2 3 5
		31	3	C	B	-176.62	-.75841	-.55330	.30536	1.0335	-.69922	1 7
		32	3	C	B	66.922	1.0604	.38405	-.39972	-1.3580	-1.7821	1 2 3 7
2670	2	2	2		A	-70.960	.21041	-.15984	-.07604	.95482	-1.7801	1 2 3
		1	3	C	B	78.522	1.0135	.15493	-.37372	-.43458	-1.3402	1 7
		2	3	C	B	-187.70	-.71150	-.38645	.27936	1.7478	-1.1411	1 2 3 7
		9	3	C	B	-58.491	1.9682	-.05572	.22202	-.32845	-.68146	1 6
		10	3	C	B	-50.687	-1.6662	-.17580	-.31638	1.6417	-1.7999	1 2 3 6
		11	3	C	B	-39.348	-1.7131	-.14144	-.29039	1.3939	-1.3579	1 6
		12	3	C	B	-69.830	2.0151	-.09007	.19602	-.08064	-1.1234	1 2 3 6
		30	3	C	B	37.889	1.3162	.06427	-.36985	-.14786	-1.7919	1 2 3 5

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ЭЛМ	НС	КРТ	СТ	КС		N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
		31	3	C	B	-176.36	-.75841	-.35210	.30536	1.5000	-.69922	1 7
		32	3	C	B	67.184	1.0604	.12057	-.39972	-.18676	-1.7821	1 2 3 7
2673	1	2	2		A	-42.476	.24886	-.11334	.03964	.12276	-.49715	1 2 3
		1	3	C	B	10.463	-1.0232	-.69657	.18858	1.5783	-4.9484	1 4
		2	3	C	B	-74.577	1.3780	.51389	-.12192	-1.4186	4.2752	1 2 3 4
		3	3	C	B	16.010	-.65430	-.99600	.15533	-1.2217	3.9594	1 7
		4	3	C	B	-80.123	1.0091	.81331	-.08866	1.3814	-4.6325	1 2 3 7
		11	3	C	B	-62.946	-.89612	.14067	-.14566	-1.4689	4.4227	1 6
		12	3	C	B	-1.1671	1.2509	-.32336	.21232	1.6286	-5.0959	1 2 3 6
2673	2	2	2		A	-42.186	.24886	-.08718	.03964	.45088	-.49715	1 2 3
		1	3	C	B	6.6389	1.1940	-.17709	.20945	4.8631	-4.9603	1 6
		2	3	C	B	-70.230	-.83919	.03840	-.14279	-4.2591	4.2872	1 2 3 6
		3	3	C	B	16.271	-.65430	-.89450	.15533	-3.8290	3.9594	1 7
		4	3	C	B	-79.862	1.0091	.75581	-.08866	4.4331	-4.6325	1 2 3 7
		7	3	C	B	10.724	-1.0232	-.60688	.18858	4.8380	-4.9484	1 4
		8	3	C	B	-74.315	1.3780	.46819	-.12192	-4.2340	4.2752	1 2 3 4
		11	3	C	B	-62.685	-.89612	.04955	-.14566	-4.3860	4.4227	1 6
		12	3	C	B	-.90578	1.2509	-.18824	.21232	4.9900	-5.0959	1 2 3 6
2705	1	2	2		A	-134.84	-.01621	-.17698	.39751	.51112	-2.0311	1 2 3
		1	3	C	B	32.952	1.4506	2.2532	-.92286	-1.0949	-1.8126	1 7
		2	3	C	B	-235.19	-1.4872	-2.5457	1.5195	1.8495	-1.0712	1 2 3 7

	7	3	C	B	-4.5713	-1.6890	-1.9912	1.3893	-.14525	-1.1477	1	6			
	8	3	C	B	-197.66	1.6524	1.6987	-.79260	.89983	-1.7361	1	2	3	6	
	9	3	C	B	12.706	1.9435	2.0814	-.99848	-.65853	-1.5990	1	4			
	10	3	C	B	-214.94	-1.9801	-2.3740	1.5952	1.4131	-1.2847	1	2	3	4	
	11	3	C	B	-190.20	-1.9846	-2.3580	1.5225	1.3119	-.81273	1	4			
	12	3	C	B	-12.033	1.9480	2.0655	-.92586	-.55739	-2.0711	1	2	3	4	
	28	3	C	B	8.2122	1.4552	2.2372	-.85023	-.99383	-2.2846	1	2	3	7	
2705	2	2	2	A	-134.54	-.01621	.08537	.39751	1.8516	-2.0311	1	2	3		
	1	3	C	B	33.213	1.4506	1.6843	-.92286	.10067	-1.8126	1	7			
	2	3	C	B	-234.93	-1.4872	-1.5830	1.5195	2.5572	-1.0712	1	2	3	7	
	9	3	C	B	12.967	1.9435	1.4945	-.99848	.36154	-1.5990	1	4			
	10	3	C	B	-214.68	-1.9801	-1.3932	1.5952	2.2963	-1.2847	1	2	3	4	
	11	3	C	B	-189.94	-1.9846	-1.4252	1.5225	1.8837	-.81273	1	4			
	12	3	C	B	-11.772	1.9480	1.5266	-.92586	.77422	-2.0711	1	2	3	4	
	28	3	C	B	8.4736	1.4552	1.7163	-.85023	.51335	-2.2846	1	2	3	7	
2706	1	2	2	A	-179.67	.23908	-.96883	-.88352	-1.9193	9.4463	1	2	3		
	14	1		A	-131.75	.17033	-.78433	-.72795	-1.2850	6.1984	1				
	1	3	C	B	36.214	-.83063	-2.9650	-5.4934	-.27082	4.1994	1	6			
	2	3	C	B	-306.10	1.1841	1.4273	4.0768	-2.4754	9.1757	1	2	3	6	
	9	3	C	B	-53.530	2.0009	.10580	3.9377	-.79794	8.9615	1	2	3	7	
	11	3	C	B	-277.13	-.99416	.65696	-5.2302	-2.4274	9.0722	1	2	3	5	
	13	3	C	B	-284.88	1.8605	1.1134	4.3006	-2.4363	9.0821	1	2	3	4	
	14	3	C	B	14.998	-1.5070	-2.6512	-5.7172	-.30984	4.2930	1	4			
	15	3	C	B	-273.37	1.1372	1.5532	4.1831	-2.0422	6.9578	1	6			
	16	3	C	B	3.4902	-.78368	-3.0910	-5.5996	-.70395	6.4172	1	2	3	6	
	27	2		B	-179.67	.23908	-.96883	-.88352	-1.9193	9.4463	1	2	3		
	31	3	C	B	-252.16	1.8136	1.2394	4.4069	-2.0032	6.8642	1	4			
	32	3	C	B	-17.725	-1.4600	-2.7772	-5.8234	-.74297	6.5109	1	2	3	4	
2706	2	2	2	A	-179.47	.23908	-1.3752	-.88352	-6.2646	9.4463	1	2	3		
	14	1		A	-131.55	.17033	-1.1191	-.72795	-4.1363	6.1984	1				
	2	3	C	B	-248.89	-1.6004	-4.1926	-5.4604	-5.4441	6.6314	1	2	3	7	
	3	3	C	B	-20.624	1.9539	2.0032	4.0439	-3.4546	6.7436	1	7			
	5	3	C	B	36.396	-.83063	-5.4882	-5.4934	-2.2046	4.1994	1	6			
	6	3	C	B	-305.91	1.1841	3.2988	4.0768	-6.6941	9.1757	1	2	3	6	
	9	3	C	B	-53.348	2.0009	1.8284	3.9377	-4.9079	8.9615	1	2	3	7	
	11	3	C	B	-276.95	-.99416	2.2370	-5.2302	-6.1906	9.0722	1	2	3	5	
	13	3	C	B	-284.70	1.8605	3.0043	4.3006	-6.3413	9.0821	1	2	3	4	
	14	3	C	B	15.181	-1.5070	-5.1937	-5.7172	-2.5574	4.2930	1	4			
	15	3	C	B	-273.19	1.1372	3.4737	4.1831	-5.2407	6.9578	1	6			
	16	3	C	B	3.6723	-.78368	-5.6631	-5.5996	-3.6580	6.4172	1	2	3	6	
	27	2		B	-179.47	.23908	-1.3752	-.88352	-6.2646	9.4463	1	2	3		

РАСЧЕТНЫЕ СОЧЕТАНИЯ

ЭЛМ	НС	КРТ	СТ	КС	N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.
	31	3	C	B	-251.97	1.8136	3.1792	4.4069	-4.8879	6.8642	1 4
	32	3	C	B	-17.543	-1.4600	-5.3686	-5.8234	-4.0108	6.5109	1 2 3 4
2717	1	2	2	A	-97.504	-.08953	-.02709	-1.9518	-1.9592	3.1143	1 2 3
	1	3	C	B	-23.189	.49985	.81770	-1.1178	5.1567	-9.5800	1 7
	2	3	C	B	-127.91	-.67206	-.85635	-1.9096	-8.2271	14.422	1 2 3 7
	3	3	C	B	-28.902	.37338	.12481	-1.5382	-2.9063	4.9551	1 6
	4	3	C	B	-122.20	-.54560	-.16346	-1.4892	-.16397	-.11251	1 2 3 6
	13	3	C	B	-26.487	.60827	.53098	-1.1348	3.1754	-6.0359	1 4
	14	3	C	B	-124.62	-.78048	-.56962	-1.8926	-6.2457	10.878	1 2 3 4
	15	3	C	B	-109.70	-.78723	-.56342	-1.5957	-5.9668	10.412	1 4
	16	3	C	B	-41.401	.61502	.52478	-1.4317	2.8964	-5.5694	1 2 3 4
	32	2		B	-97.504	-.08953	-.02709	-1.9518	-1.9592	3.1143	1 2 3
2717	2	2	2	A	-97.302	-.08953	-.92493	-1.9518	-3.3918	3.1143	1 2 3
	1	3	C	B	-23.007	.49985	.29231	-1.1178	9.5635	-9.5800	1 7
	2	3	C	B	-127.73	-.67206	-1.7236	-1.9096	-14.861	14.422	1 2 3 7
	3	3	C	B	-28.720	.37338	-.56047	-1.5382	-5.1856	4.9551	1 6
	4	3	C	B	-122.02	-.54560	-.87081	-1.4892	-.11233	-.11251	1 2 3 6
	5	3	C	B	-112.82	-.67882	-1.5808	-1.6126	-14.368	13.956	1 7
	6	3	C	B	-37.921	.50660	.14952	-1.4147	9.0700	-9.1135	1 2 3 7
	13	3	C	B	-26.304	.60827	-.03667	-1.1348	5.9519	-6.0359	1 4
	14	3	C	B	-124.43	-.78048	-1.3946	-1.8926	-11.249	10.878	1 2 3 4
	15	3	C	B	-109.52	-.78723	-1.2518	-1.5957	-10.756	10.412	1 4
	16	3	C	B	-41.219	.61502	-.17945	-1.4317	5.4583	-5.5694	1 2 3 4
	32	2		B	-97.302	-.08953	-.92493	-1.9518	-3.3918	3.1143	1 2 3
2720	1	2	2	A	-94.534	.38445	.05273	1.7611	-1.7943	10.138	1 2 3
	1	3	C	B	78.111	1.9591	-.26462	.50568	.08286	5.4316	1 7
	2	3	C	B	-224.23	-1.3919	.32161	2.0706	-2.6976	9.2611	1 2 3 7
	9	3	C	B	-173.79	1.8086	.22919	-.08280	-2.3388	9.0497	1 2 3 4
	13	3	C	B	63.416	2.0354	-.24143	.86867	-.29311	7.6052	1 2 3 7
	14	3	C	B	-209.53	-1.4682	.29842	1.7076	-2.3216	7.0875	1 7
	15	3	C	B	12.974	-1.1651	-.14902	3.0220	-.65190	7.8166	1 2 3 4
	16	3	C	B	-159.09	1.7323	.20600	-.44578	-1.9628	6.8761	1 4
	27	2		B	-94.534	.38445	.05273	1.7611	-1.7943	10.138	1 2 3
	31	3	C	B	-64.429	-.41898	.10858	3.4029	-1.9259	8.6659	1 2 3 6
	32	3	C	B	-81.693	.98621	-.05159	-.82669	-.68877	6.0268	1 6
2720	2	2	2	A	-94.332	.38445	.86287	1.7611	-6.4578	10.138	1 2 3
	4	1		A	-72.813	.27275	.58440	1.2296	-4.4431	6.9551	1
	1	3	C	B	78.293	1.9591	-.00527	.50568	-2.4260	5.4316	1 7
	2	3	C	B	-224.05	-1.3919	1.2473	2.0706	-6.9474	9.2611	1 2 3 7
	3	3	C	B	63.598	2.0354	.18488	.86867	-3.8018	7.6052	1 2 3 7
	4	3	C	B	-209.35	-1.4682	1.0571	1.7076	-5.5716	7.0875	1 7
	9	3	C	B	-173.60	1.8086	-.10382	-.08280	-6.4592	9.0497	1 2 3 4
	15	3	C	B	13.156	-1.1651	1.5360	3.0220	-4.2900	7.8166	1 2 3 4
	16	3	C	B	-158.91	1.7323	-.29398	-.44578	-5.0833	6.8761	1 4
	27	2		B	-94.332	.38445	.86287	1.7611	-6.4578	10.138	1 2 3
	31	3	C	B	-64.246	-.41898	1.6737	3.4029	-5.8007	8.6659	1 2 3 6
	32	3	C	B	-81.511	.98621	-.43167	-.82669	-3.5726	6.0268	1 6
2721	1	2	2	A	-85.128	.33347	-.19162	-1.4328	1.2774	-8.4075	1 2 3
	1	3	C	B	80.331	1.2110	.13543	.12094	-.20317	-5.3864	1 7
	2	3	C	B	-210.66	-.73666	-.41138	-2.1698	1.9684	-6.3912	1 2 3 7

	9	3	C	B	-147.86	2.1412	-.31808	.30484	-.14402	-4.4466	1	4			
	10	3	C	B	17.532	-1.6668	.04212	-2.3537	1.9092	-7.3310	1	2	3	4	
	11	3	C	B	-48.260	-1.9178	-.26955	-2.1563	1.5388	-4.6672	1	6			
	12	3	C	B	-82.071	2.3922	-.00639	.10750	.22639	-7.1104	1	2	3	6	
	13	3	C	B	-68.073	2.3153	.03576	.43164	-.10011	-5.0591	1	6			
	14	3	C	B	-62.257	-1.8409	-.31171	-2.4805	1.8653	-6.7186	1	2	3	6	
	28	2		B	-85.128	.33347	-.19162	-1.4328	1.2774	-8.4075	1	2	3		
2721	2	2	2	A	-84.925	.33347	-.85073	-1.4328	5.1448	-8.4075	1	2	3		
	8	1		A	-64.427	.22083	-.57064	-.95818	3.2849	-5.4035	1				
	1	3	C	B	80.513	1.2110	.18817	.12094	2.2285	-5.3864	1	7			
	2	3	C	B	-210.48	-.73666	-1.4066	-2.1698	4.9544	-6.3912	1	2	3	7	
	7	3	C	B	66.515	1.2880	-.00309	-.20320	3.4987	-7.4378	1	2	3	7	

РАСЧЕТНЫЕ СОЧЕТАНИЯ

ЭЛМ	НС	КРТ	СТ	КС	N	MK	MY	QZ	MZ	QY	ЗАГРУЖЕНИЯ.				
	8	3	C	B	-196.48	-.81358	-1.2153	-1.8456	3.6842	-4.3398	1	7			
	9	3	C	B	-147.68	2.1412	.20932	.30484	2.1347	-4.4466	1	4			
	10	3	C	B	17.714	-1.6668	-1.4277	-2.3537	5.0482	-7.3310	1	2	3	4	
	11	3	C	B	-48.077	-1.9178	-1.2591	-2.1563	3.8156	-4.6672	1	6			
	12	3	C	B	-81.889	2.3922	.04075	.10750	3.3673	-7.1104	1	2	3	6	
	13	3	C	B	-67.891	2.3153	.23201	.43164	2.0972	-5.0591	1	6			
	14	3	C	B	-62.075	-1.8409	-1.4504	-2.4805	5.0857	-6.7186	1	2	3	6	
	28	2		B	-84.925	.33347	-.85073	-1.4328	5.1448	-8.4075	1	2	3		
2724	1	2	2	A	-45.540	.14194	-.08718	.94804	.49131	-.94386	1	2	3		
	1	3	C	B	7.6188	-.82153	-.60688	.98248	5.2587	-9.0752	1	4			
	2	3	C	B	-76.289	1.0292	.46819	.45968	-4.6000	7.7914	1	2	3	4	
	3	3	C	B	13.868	1.1963	-.89450	.48125	-4.1808	7.1193	1	7			
	4	3	C	B	-82.539	-.98862	.75581	.96091	4.8396	-8.4031	1	2	3	7	
	9	3	C	B	-68.158	1.0000	.47935	.29813	-4.7379	8.0452	1	4			
	10	3	C	B	-.51217	-.79232	-.61803	1.1440	5.3966	-9.3290	1	2	3	4	
	11	3	C	B	-63.365	.54224	.04955	.21387	-4.7630	8.0681	1	6			
	12	3	C	B	-5.3054	-.33452	-.18824	1.2282	5.4217	-9.3519	1	2	3	6	
	13	3	C	B	5.7380	1.2255	-.90565	.64280	-4.0429	6.8655	1	2	3	7	
	14	3	C	B	-74.408	-1.0178	.76696	.79936	4.7016	-8.1493	1	7			
2724	2	2	2	A	-45.338	.14194	.34891	.94804	.92549	-.94386	1	2	3		
	1	3	C	B	3.0076	-.36373	.33070	1.0667	9.4687	-9.0981	1	6			
	2	3	C	B	-71.313	.57145	.19400	.37541	-8.2194	7.8143	1	2	3	6	
	3	3	C	B	14.051	1.1963	-.66900	.48125	-7.4553	7.1193	1	7			
	4	3	C	B	-82.357	-.98862	1.1937	.96091	8.7046	-8.4031	1	2	3	7	
	7	3	C	B	7.8009	-.82153	-.35539	.98248	9.4328	-9.0752	1	4			
	8	3	C	B	-76.107	1.0292	.88010	.45968	-8.1835	7.7914	1	2	3	4	
	9	3	C	B	-67.976	1.0000	.81694	.29813	-8.4382	8.0452	1	4			
	10	3	C	B	-.33001	-.79232	-.29223	1.1440	9.6875	-9.3290	1	2	3	4	
	11	3	C	B	-63.182	.54224	.13084	.21387	-8.4741	8.0681	1	6			
	12	3	C	B	-5.1233	-.33452	.39387	1.2282	9.7234	-9.3519	1	2	3	6	
	13	3	C	B	5.9201	1.2255	-.60583	.64280	-7.2007	6.8655	1	2	3	7	
	14	3	C	B	-74.226	-1.0178	1.1305	.79936	8.4499	-8.1493	1	7			
2750	1	2	2	A	-150.60	.01028	.12241	.57347	1.8516	-9.8765	1	2	3		
	1	3	C	B	28.262	1.7036	1.6056	-1.0398	.10067	-6.6766	1	7			
	2	3	C	B	-253.81	-1.7045	-1.4487	1.8944	2.5572	-7.4535	1	2	3	7	
	10	3	C	B	-233.82	-2.2594	-1.2730	2.2211	2.2963	-7.2627	1	2	3	4	
	11	3	C	B	-205.99	-2.2713	-1.3118	2.1125	1.8837	-5.0330	1	4			
	12	3	C	B	-19.557	2.2704	1.4687	-1.2579	.77422	-9.0971	1	2	3	4	
	16	3	C	B	8.2720	2.2585	1.4299	-1.3665	.36154	-6.8674	1	4			
	28	2		B	-150.60	.01028	.12241	.57347	1.8516	-9.8765	1	2	3		
2750	2	2	2	A	-150.39	.01028	.38621	.57347	6.3949	-9.8765	1	2	3		
	1	3	C	B	28.445	1.7036	1.3399	-1.0398	3.1582	-6.6766	1	7			
	2	3	C	B	-253.63	-1.7045	-.78987	1.8944	5.9995	-7.4535	1	2	3	7	
	10	3	C	B	-233.64	-2.2594	-.65195	2.2211	4.4293	-7.2627	1	2	3	4	
	11	3	C	B	-205.81	-2.2713	-.74067	2.1125	2.9910	-5.0330	1	4			
	12	3	C	B	-19.375	2.2704	1.2907	-1.2579	6.1668	-9.0971	1	2	3	4	
	16	3	C	B	8.4542	2.2585	1.2019	-1.3665	4.7284	-6.8674	1	4			
	28	2		B	-150.39	.01028	.38621	.57347	6.3949	-9.8765	1	2	3		

ПРОТОКОЛ РАСЧЕТА от 12/11/2007

Version: 9.2, Processor date: 20/03/2006
Computer: GenuineIntel 2.13GHz, RAM: 2071792 KB
System: Microsoft Windows XP (Workstation), Version 5.1

02:24 65_ Фиксированная память - 256 МБ, виртуальная память - 492 МБ.
02:24 173_ Исходные данные.
Файл C:\PROGRAM FILES\LIRA SOFT\LIRA 9.2\LDATA\HOSP2.TXT
02:24 168_ Ввод исходных данных основной схемы.
02:24 10_ Формирование форматов данных.
02:24 466_ Контроль исходных данных _1. Суперэлемент типа 2000.
02:24 12_ Контроль исходных данных _2. Суперэлемент типа 2000.
02:24 98_ Из системы уравнений исключено 4328 неизвестных.
X-0. Y-0. Z-0. UX-852. UY-1012. UZ-2464.
02:24 1_ Данные записаны в файл расчета
C:\PROGRAM FILES\LIRA SOFT\LIRA 9.2\LWORK\HOSP2#00.HOSP2
02:24 523_ Упорядочение матрицы жесткости основной схемы.
Построение графа матрицы.
02:24 562_ Перенумерация в схеме
02:24 101_ Оптимизация времени расчета суперэлемента 2000.
02:24 520_ Информация о расчетной схеме суперэлемента типа 2000.
- порядок системы уравнений 69115
- ширина ленты 64570
- количество элементов 13460
- количество узлов 11925
- количество загружений 7

```
        - плотность матрицы          1%
        - количество суперузлов      0
        - размер виртуальной памяти  63870 Kb
        - дисковая память :          33.158 M
02:24  522_    Ресурсы необходимые для выполнения расчета
    1. Размер виртуальной памяти                    8 - 9  M
    2. Дисковая память :                            387.341 M
        форматы  данных                             11.000 M
        матрица жесткости основной схемы            33.158 M
        матрицы жесткости суперэлементов            0.000 M
        динамика (f04)                              153.446 M
        перемещения (f07)                           54.840 M
        усилия (f08)                                53.959 M
        реакции (f09)                               0.000 M
        расчетные сочетания (f10)                   80.938 M
    3. Ориентировочное время расчета 0.93 мин.
        Гаусс                       0.27 мин.
        динамика                    0.57 мин.
        расчетные сочетания         0.01 мин.
02:24   65_    Фиксированная память - 375 МБ, виртуальная память - 492 МБ.
02:24  575_    Формирование матрицы жесткости основной схемы.
02:25  578_    Разложение матрицы жесткости основной схемы.
                 Ориентировочное время работы 1 мин.
02:25  569_     Накопление масс
02:25  536_    Распределение масс для загружения 4
    Количество активных масс 32343
|          X        Y        Z        UX       UY       UZ
|          961.905  961.856  963.593  0        0        0
02:25  536_    Распределение масс для загружения 5
    Количество активных масс 32343
|          X        Y        Z        UX       UY       UZ
|          961.905  961.856  963.593  0        0        0
02:25  536_    Распределение масс для загружения 6
    Количество активных масс 32343
|          X        Y        Z        UX       UY       UZ
|          961.905  961.856  963.593  0        0        0
02:25  536_    Распределение масс для загружения 7
    Количество активных масс 32343
|          X        Y        Z        UX       UY       UZ
|          961.905  961.856  963.593  0        0        0
02:25   20_    Определение форм колебаний. Загружение 4.
02:25    3_    Итерация 1. Ошибка 9.67E+001%  точность 1.0E-004%.
    Количество форм 24. Получено форм 0.
    Достигнутая частота  0.00 Гц.
02:25    3_    Итерация 2. Ошибка 8.82E+001%  точность 1.0E-004%.
    Количество форм 24. Получено форм 0.
    Достигнутая частота  0.00 Гц.
02:25    3_    Итерация 3. Ошибка 6.51E+001%  точность 1.0E-004%.
    Количество форм 24. Получено форм 0.
    Достигнутая частота  0.00 Гц.
02:25    3_    Итерация 4. Ошибка 8.64E+000%  точность 1.0E-004%.
    Количество форм 24. Получено форм 2.
    Достигнутая частота  0.62 Гц.
02:25    3_    Итерация 5. Ошибка 2.89E-001%  точность 1.0E-004%.
    Количество форм 24. Получено форм 3.
    Достигнутая частота  0.81 Гц.
02:25    3_    Итерация 6. Ошибка 1.68E-002%  точность 1.0E-004%.
    Количество форм 24. Получено форм 6.
    Достигнутая частота  1.04 Гц.
02:25    3_    Итерация 7. Ошибка 1.78E-003%  точность 1.0E-004%.
    Количество форм 24. Получено форм 19.
    Достигнутая частота  1.34 Гц.
02:25    3_    Итерация 8. Ошибка 4.33E-004%  точность 1.0E-004%.
    Количество форм 24. Получено форм 23.
    Достигнутая частота  1.63 Гц.
02:26    3_    Итерация 9. Ошибка 5.72E-005%  точность 1.0E-004%.
    Количество форм 24. Получено форм 24.
    Достигнутая частота  1.69 Гц.
02:26  158_    Количество выполненных итераций 9
02:26   20_    Определение форм колебаний. Загружение 5.
02:26   20_    Определение форм колебаний. Загружение 6.
02:26   20_    Определение форм колебаний. Загружение 7.
02:26  102_    СЕЙСМИКА. В загружении 5 по вычисленным формам собрано 68% нагрузки.
02:26  567_    Вычисление динамических сил. Загружение 4
02:26  567_    Вычисление динамических сил. Загружение 5
02:26  567_    Вычисление динамических сил. Загружение 6
02:26  567_    Вычисление динамических сил. Загружение 7
02:26  502_    Накопление нагрузок основной схемы.
02:26   37_    Суммарные узловые нагрузки на основную схему
          X         Y         Z         UX        UY        UZ
   1-     3.029-7   0.0       8.851+3  -1.409-2  -3.380-3   0.0
   2-     0.0       0.0       1.345+3  -5.219-3  -1.297-3   0.0
   3-     0.0       0.0       1.018+3  -3.914-3  -9.726-4   0.0
   4-  1  1.625+1  -2.748    -8.107-2   0.0       0.0       0.0
   4-  2  1.557+2  -1.865+2   1.523-1   0.0       0.0       0.0
   4-  3  2.279+2   1.977+2   2.122     0.0       0.0       0.0
   4- 24  8.420+1  -6.254    -8.015-1   0.0       0.0       0.0
   5-  1 -2.748     4.647-1   1.371-2   0.0       0.0       0.0
   5-  2 -1.865+2   2.233+2  -1.825-1   0.0       0.0       0.0
   5-  3  1.977+2   1.716+2   1.841     0.0       0.0       0.0
   6-  1  9.546    -1.614    -4.761-2   0.0       0.0       0.0
   6-  3  3.009+2   2.611+2   2.802     0.0       0.0       0.0
   6-  5  9.268     7.454     2.947-2   0.0       0.0       0.0
   6- 24  5.509+1  -4.092    -5.243-1   0.0       0.0       0.0
   7-  1 -1.344+1   2.272     6.702-2   0.0       0.0       0.0
   7-  2 -2.419+2   2.897+2  -2.367-1   0.0       0.0       0.0
   7- 24 -6.397+1   4.751     6.089-1   0.0       0.0       0.0
02:26  580_    Вычисление перемещений в основной схеме.
02:26  268_  Загружение. Работа внешних сил
      1     2.244+1
      2     8.071-1
      3     4.631-1
      4- 1  3.954-1
      4- 2  3.036
      4- 3  2.881
      4-24  5.104-1
      5- 1  1.130-2
      5- 2  4.355
      5- 3  2.169
      6- 1  1.364-1
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      6- 3  5.025
      6- 5  1.207-1
      6-24  2.185-1
      7- 1  2.702-1
      7- 2  7.330
      7-24  2.946-1
02:26  586_    Вычисление усилий в основной схеме.
02:26  604_    Выбор расчетных сочетаний усилий в основной схеме.
02:26   39_    Контроль решения основной схемы.
02:26    7_    ЗАДАНИЕ  ВЫПОЛНЕНО.   Время расчета 2.00 мин.
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