

부재력(ko=0.5)

Structural element data ...										
Elem	ID	Node1	Node2	Prop	F-shear	F-axial	Mon-1	Mon-2		
185	2	144	1006	beam	1.289E+01	5.208E+02	2.131E-01	2.007E-01	-4	
186	32	217	218	1006	beam	1.892E-02	1.515E+00	-1.321E-02	-1.459E-02	-1
187	32	216	217	1006	beam	8.250E-03	1.535E+00	7.110E-03	5.262E-03	-7
188	31	215	121	1006	beam	3.930E-01	4.338E+01	1.195E-01	1.346E-01	3
189	31	214	215	1006	beam	2.253E-01	8.103E-01	1.361E-01	9.570E-03	-1
190	31	213	214	1006	beam	1.750E+00	-2.327E+01	-4.915E-01	-3.172E-01	3
191	31	212	213	1006	beam	1.924E-01	2.456E+01	2.118E-02	8.420E-02	-1
192	31	211	212	1006	beam	2.511E-01	8.545E+00	-1.288E-01	1.096E-01	-4
193	19	143	144	1004	beam	1.478E+03	-4.267E+04	1.750E+03	-4.105E+03	2
194	19	142	143	1004	beam	-2.336E+03	-8.369E+04	3.638E+02	-1.750E+03	4
195	19	141	142	1004	beam	-2.446E+02	-5.157E+04	1.433E+02	3.638E+02	2
196	19	140	141	1004	beam	1.802E+02	-5.540E+04	2.326E+02	-1.420E+02	3
197	19	139	140	1004	beam	-2.268E+02	-1.266E+04	-6.234E-01	-2.257E+02	2
198	19	138	139	1004	beam	1.888E+02	-1.005E+04	1.303E+02	5.366E-01	5
199	19	137	138	1004	beam	-3.032E+01	6.070E+03	1.032E+02	-3.05E+02	-3
200	19	136	137	1004	beam	-1.041E+02	9.703E-03	5.225E+01	-1.027E+02	-3
201	19	135	136	1004	beam	-5.711E+01	1.310E+04	-1.574E+00	-5.221E+01	-7
202	19	134	135	1004	beam	2.862E+02	1.736E+04	1.424E+02	1.346E+02	-9
203	19	133	134	1004	beam	-3.483E+02	1.850E+04	-8.735E+01	-1.426E+02	-1
204	19	132	133	1004	beam	5.101E+02	2.030E+04	1.456E+02	8.735E+01	-1
205	19	131	132	1004	beam	-1.153E+02	2.005E+04	1.530E+01	-1.400E+02	-1
206	19	130	131	1004	beam	7.225E+01	1.939E+04	5.204E+01	-1.595E+01	-1
207	19	129	130	1004	beam	-1.261E+02	1.762E+04	-4.485E+01	-4.179E+01	-9
208	19	128	129	1004	beam	3.553E+02	1.674E+04	1.991E+02	2.494E+01	-9
209	19	127	128	1004	beam	-2.862E+02	1.971E+04	-6.535E+01	-1.990E+02	-6
210	19	126	127	1004	beam	6.902E+02	2.753E+03	2.483E+02	6.532E+01	-1
211	19	125	126	1004	beam	-2.101E+02	1.916E+04	1.342E+01	-2.465E+02	-6
212	19	124	125	1004	beam	2.184E+02	-2.551E+04	1.415E+02	-2.656E+01	1
213	19	123	124	1004	beam	-1.404E+02	-1.981E+04	-1.542E+01	-1.415E+02	9
214	19	122	123	1004	beam	2.403E+03	-4.601E+04	1.362E+03	-1.372E+01	2
215	19	121	122	1004	beam	-1.116E+03	-7.568E+04	-4.278E+02	-3.652E+03	2
216	14	95	96	1003	beam	-8.134E+01	1.590E+04	-1.240E+02	-2.770E-02	-8
217	14	94	95	1003	beam	6.762E+01	9.133E+03	-6.172E+01	1.248E+02	-5
218	14	93	94	1003	beam	5.801E+01	1.146E+03	-9.727E+02	5.156E+01	6
219	13	92	93	1003	beam	2.429E+01	-6.001E+02	2.298E+01	-1.809E-01	3
220	13	91	92	1003	beam	1.722E+01	-1.003E+03	1.228E+01	-2.261E+01	5
221	13	90	91	1003	beam	-8.652E+00	-1.027E+03	7.682E+00	-1.205E+01	5
222	13	89	90	1003	beam	1.059E+02	-6.559E+02	-5.271E+02	1.062E+02	5
223	1	21	22	1001	beam	7.005E+02	8.729E+04	8.403E+02	9.244E+00	-1
224	1	20	21	1001	beam	-3.089E+03	8.723E+04	-9.325E+02	-8.400E+02	-9
225	1	19	20	1001	beam	3.5297E+03	6.333E+04	2.246E+03	0.326E+02	-9
226	1	18	19	1001	beam	-7.226E+03	1.207E+05	-1.713E+03	-2.246E+03	-1
227	1	17	18	1001	beam	3.154E+03	6.435E+04	1.536E+03	1.713E+03	-5
228	1	16	17	1001	beam	-5.175E+03	1.047E+05	-9.141E+02	-1.536E+03	-8
229	1	15	16	1001	beam	1.790E+03	6.815E+04	8.745E+02	6.815E+02	-6
230	1	14	15	1001	beam	-3.021E+03	7.401E+04	-3.740E+02	-8.744E+02	-5
231	1	13	14	1001	beam	2.698E+02	6.311E+04	-8.536E+01	3.740E+02	-4
232	1	12	13	1001	beam	1.226E+01	5.923E+04	-6.646E+01	8.536E+01	-3
233	1	11	12	1001	beam	-8.475E+02	6.105E+04	-5.362E+02	6.636E+01	-3
234	1	10	11	1001	beam	-2.733E+02	-2.753E+04	6.301E+02	-6.301E+02	-1
235	1	9	10	1001	beam	-4.254E+02	7.981E+04	-7.267E+02	2.752E+02	-5
236	1	8	9	1001	beam	4.401E+02	8.545E+04	1.210E+03	-2.68E+02	6
237	1	7	8	1001	beam	-2.950E+03	9.623E+04	-1.720E+03	-1.210E+03	-7
238	1	6	7	1001	beam	1.008E+04	1.612E+05	3.032E+03	1.719E+03	-1
239	1	5	6	1001	beam	-5.251E+03	1.407E+05	-2.467E+03	-3.032E+03	-1
240	1	4	5	1001	beam	1.119E+04	1.429E+05	2.446E+03	2.456E+03	-1
241	1	3	4	1001	beam	-3.826E+03	1.543E+05	-1.232E+03	-2.447E+03	-1
242	1	2	3	1001	beam	3.788E+03	1.994E+05	9.045E+02	1.232E+03	-1
243	1	1	2	1001	beam	-6.007E+02	9.103E+04	4.818E-02	-9.044E+02	-1

135	21	154	155	33	cable	0.000E+00	-1.359E+03	0.000E+00	0.000E+00	1
136	21	153	154	33	cable	0.000E+00	-1.459E+03	0.000E+00	0.000E+00	2
137	21	152	153	33	cable	0.000E+00	-1.189E+03	0.000E+00	0.000E+00	3
138	21	151	152	33	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4
139	20	149	150	33	cable	0.000E+00	-2.200E+03	0.000E+00	0.000E+00	3
140	20	148	149	33	cable	0.000E+00	-2.922E+03	0.000E+00	0.000E+00	4
141	20	147	148	33	cable	0.000E+00	-3.242E+03	0.000E+00	0.000E+00	4
142	20	146	147	33	cable	0.000E+00	-3.979E+03	0.000E+00	0.000E+00	6
143	20	145	146	33	cable	0.000E+00	-2.000E+03	0.000E+00	0.000E+00	1
144	18	119	120	33	cable	0.000E+00	-7.421E+00	0.000E+00	0.000E+00	-3
145	18	118	119	33	cable	0.000E+00	-7.421E+00	0.000E+00	0.000E+00	-2
146	18	117	118	33	cable	0.000E+00	-5.410E+00	0.000E+00	0.000E+00	-2
147	18	116	117	33	cable	0.000E+00	-5.410E+00	0.000E+00	0.000E+00	-2
148	15	115	116	33	cable	0.000E+00	-6.327E+02	0.000E+00	0.000E+00	-9
149	15	114	115	33	cable	0.000E+00	-6.327E+02	0.000E+00	0.000E+00	-9
150	15	113	114	33	cable	0.000E+00	-5.219E+01	0.000E+00	0.000E+00	-3
151	15	112	113	33	cable	0.000E+00	-5.219E+01	0.000E+00	0.000E+00	-3
152	17	111	112	33	cable	0.000E+00	-6.586E+01	0.000E+00	0.000E+00	-1
153	17	110	111	33	cable	0.000E+00	-1.045E+02	0.000E+00	0.000E+00	-1
154	17	109	110	33	cable	0.000E+00	-9.986E+01	0.000E+00	0.000E+00	-7
155	16	107	108	33	cable	0.000E+00	-4.919E+01	0.000E+00	0.000E+00	-6
156	16	106	107	33	cable	0.000E+00	-3.271E-01	0.000E+00	0.000E+00	-4
157	16	105	106	33	cable	0.000E+00	-5.656E-01	0.000E+00	0.000E+00	-1
158	16	104	105	33	cable	0.000E+00	-4.501E+00	0.000E+00	0.000E+00	-1
159	16	103	104	33	cable	0.000E+00	-5.966E+00	0.000E+00	0.000E+00	-1
160	15	101	102	33	cable	0.000E+00	-5.463E-01	0.000E+00	0.000E+00	-8
161	15	100	101	33	cable	0.000E+00	-3.357E-01	0.000E+00	0.000E+00	-6
162	15	99	100	33	cable	0.000E+00	-3.036E-01	0.000E+00	0.000E+00	-5
163	15	98	99	33	cable	0.000E+00	-3.720E+00	0.000E+00	0.000E+00	-2
164	15	97	98	33	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-3
165	12	87	88	31	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1
166	12	86	87	31	cable	0.000E+00	-2.113E+03	0.000E+00	0.000E+00	2
167	12	85	86	31	cable	0.000E+00	-2.466E+03	0.000E+00	0.000E+00	3
168	12	84	85	31	cable	0.000E+00	-4.653E+03	0.000E+00	0.000E+00	7
169	12	83	84	31	cable	0.000E+00	-1.334E+04	0.000E+00	0.000E+00	2
170	11	81	82	31	cable	0.000E+00	-1.696E+03	0.000E+00	0.000E+00	2
171	10	80	81	31	cable	0.000E+00	-6.000E+02	0.000E+00	0.000E+00	2
172	11	79	80	31	cable	0.000E+00	-2.719E+03	0.000E+00	0.000E+00	4
173	11	78	79	31	cable	0.000E+00	-5.252E+02	0.000E+00	0.000E+00	8
174	11	77	78	31	cable	0.000E+00	-5.362E+03	0.000E+00	0.000E+00	9
175	10	74	75	31	cable	0.000E+00	-4.850E+03	0.000E+00	0.000E+00	7
176	10	73	74	31	cable	0.000E+00	-3.460E+03	0.000E+00	0.000E+00	5
177	10	72	73	31	cable	0.000E+00	-3.424E+03	0.000E+00	0.000E+00	5
178	10	71	72	31	cable	0.000E+00	-4.220E+03	0.000E+00	0.000E+00	6
179	9	68	69	31	cable	0.000E+00	-2.968E+03	0.000E+00	0.000E+00	8
180	9	67	68	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	9
181	9	66	67	31	cable	0.000E+00	-1.011E+04	0.000E+00	0.000E+00	1
182	9	65	66	31	cable	0.000E+00	-4.329E+03	0.000E+00	0.000E+00	6
183	9	64	65	31	cable	0.000E+00	-6.279E+03	0.000E+00	0.000E+00	9
184	8	62	63	31	cable	0.000E+00	-8.077E+03	0.000E+00	0.000E+00	1
185	8	61	62	31	cable	0.000E+00	-5.696E+03	0.000E+00	0.000E+00	1
186	8	60	61	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
187	8	59	60	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
188	8	58	59	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
189	8	57	58	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
190	8	56	57	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
191	8	55	56	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
192	8	54	55	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
193	8	53	54	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
194	8	52	53	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
195	8	51	52	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
196	8	50	51	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
197	8	49	50	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
198	8	48	49	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
199	8	47	48	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
200	8	46	47	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
201	8	45	46	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
202	8	44	45	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
203	8	43	44	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
204	8	42	43	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
205	8	41	42	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
206	8	40	41	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
207	8	39	40	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
208	8	38	39	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
209	8	37	38	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
210	8	36	37	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
211	8	35	36	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
212	8	34	35	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
213	8	33	34	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
214	8	32	33	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
215	8	31	32	31	cable	0.000E+00	-6.196E+03	0.000E+00	0.000E+00	1
216	8	30	31	31	cable	0.000E+00	-5.219E+01	0.000E+00	0.000E+00	1
217	8	29	30	31	cable	0.000E+00	-5.219E+01	0.000E+00	0.000E+00	1
218	8	28	29	31	cable	0.000E+00	-5.219E+01	0.000E+00	0.000E+00	1
219	8	27	28	31	cable	0.000E+00	-5.219E+01	0.000E+00	0.000E+00	1
220	8	26	27	31	cable	0.000E+00	-5.219E+01	0.000E+00	0.000E+00	1
221	8	25	26	31	cable	0.000E+00	-5.219E+01	0.000E+00	0.000E+00	1
222	8	24	25	31	cable	0.000E+00	-5.219E+01	0.000E+00	0.000E+00	1
223	8	23	24	31	cable	0.000E+00	-5.219E+01	0.000E+00	0.000E+00	1

▣ 부재력($k_o=1.0$)

[illegible]

Element	Node	Element	Node	Element	Node	Element	Node	Element	Node
1	2	3	4	5	6	7	8	9	10
208	209	210	211	212	213	214	215	216	217
218	219	220	221	222	223	224	225	226	227
228	229	230	231	232	233	234	235	236	237
238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500	501	502	503	504	505	506	507
508	509	510	511	512	513	514	515	516	517
518	519	520	521	522	523	524	525	526	527
528	529	530	531	532	533	534	535	536	537
538	539	540	541	542	543	544	545	546	547
548	549	550	551	552	553	554	555	556	557
558	559	560	561	562	563	564	565	566	567
568	569	570	571	572	573	574	575	576	577
578	579	580	581	582	583	584	585	586	587
588	589	590	591	592	593	594	595	596	597
598	599	600	601	602	603	604	605	606	607
608	609	610	611	612	613	614	615	616	617
618	619	620	621	622	623	624	625	626	627
628	629	630	631	632	633	634	635	636	637
638	639	640	641	642	643	644	645	646	647
648	649	650	651	652	653	654	655	656	657
658	659	660	661	662	663	664	665	666	667
668	669	670	671	6					

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>set log off
* log-file recording stopped 30-Dec-15 20:38
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* log-file recording stopped 30-Dec-15 20:38

□ 부재력(ko=2.0)

[illegible]

Structural Element Data				Material Properties			
Elem	Node	Proc	Value	Elem	Node	Proc	Value
200	240	241	0.000E+00	200	240	241	0.000E+00
208	240	241	0.000E+00	208	240	241	0.000E+00
209	238	239	0.000E+00	209	238	239	0.000E+00
210	238	239	0.000E+00	210	238	239	0.000E+00
204	235	236	0.000E+00	204	235	236	0.000E+00
203	234	235	0.000E+00	203	234	235	0.000E+00
201	232	233	0.000E+00	201	232	233	0.000E+00
199	230	231	0.000E+00	199	230	231	0.000E+00
198	229	230	0.000E+00	198	229	230	0.000E+00
197	227	228	0.000E+00	197	227	228	0.000E+00
195	225	226	0.000E+00	195	225	226	0.000E+00
193	223	224	0.000E+00	193	223	224	0.000E+00
192	221	222	0.000E+00	192	221	222	0.000E+00
190	219	220	0.000E+00	190	219	220	0.000E+00
189	218	219	0.000E+00	189	218	219	0.000E+00
180	208	209	0.000E+00	180	208	209	0.000E+00
179	207	208	0.000E+00	179	207	208	0.000E+00
178	205	206	0.000E+00	178	205	206	0.000E+00
176	203	204	0.000E+00	176	203	204	0.000E+00
175	202	203	0.000E+00	175	202	203	0.000E+00
173	200	201	0.000E+00	173	200	201	0.000E+00
172	199	200	0.000E+00	172	199	200	0.000E+00
171	197	198	0.000E+00	171	197	198	0.000E+00
169	195	196	0.000E+00	169	195	196	0.000E+00
168	194	195	0.000E+00	168	194	195	0.000E+00
167	193	194	0.000E+00	167	193	194	0.000E+00
165	191	192	0.000E+00	165	191	192	0.000E+00
164	189	190	0.000E+00	164	189	190	0.000E+00
162	187	188	0.000E+00	162	187	188	0.000E+00
161	186	187	0.000E+00	161	186	187	0.000E+00
160	184	185	0.000E+00	160	184	185	0.000E+00
159	183	184	0.000E+00	159	183	184	0.000E+00
158	182	183	0.000E+00	158	182	183	0.000E+00
156	180	181	0.000E+00	156	180	181	0.000E+00
155	179	180	0.000E+00	155	179	180	0.000E+00
154	178	179	0.000E+00	154	178	179	0.000E+00
153	176	177	0.000E+00	153	176	177	0.000E+00
152	175	176	0.000E+00	152	175	176	0.000E+00
151	173	174	0.000E+00	151	173	174	0.000E+00
149	171	172	0.000E+00	149	171	172	0.000E+00
148	169	170	0.000E+00	148	169	170	0.000E+00
147	167	168	0.000E+00	147	167	168	0.000E+00
146	165	166	0.000E+00	146	165	166	0.000E+00
144	163	164	0.000E+00	144	163	164	0.000E+00
143	162	163	0.000E+00	143	162	163	0.000E+00
140	160	161	0.000E+00	140	160	161	0.000E+00
139	159	160	0.000E+00	139	159	160	0.000E+00
138	158	159	0.000E+00	138	158	159	0.000E+00
137	156	157	0.000E+00	137	156	157	0.000E+00
136	155	156	0.000E+00	136	155	156	0.000E+00

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>set log off
* log-file recording stopped 30-Dec-15 20:38
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- log-file recording stopped 30-Dec-15 20:38

135	21	154	155	33	cab0	0.000E+00	2.1940E+03	0.000E+00	0.000E+00	2
132	21	154	155	33	cab0	0.000E+00	2.1940E+03	0.000E+00	0.000E+00	2
132	21	152	153	33	cab0	0.000E+00	4.5060E+03	0.000E+00	0.000E+00	5
132	21	151	152	33	cab0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-7
131	20	149	150	33	cab0	0.000E+00	4.9010E+03	0.000E+00	0.000E+00	7
130	20	148	149	33	cab0	0.000E+00	4.9010E+03	0.000E+00	0.000E+00	7
129	20	147	148	33	cab0	0.000E+00	4.9010E+03	0.000E+00	0.000E+00	6
128	20	146	147	33	cab0	0.000E+00	4.9010E+03	0.000E+00	0.000E+00	6
127	20	145	146	33	cab0	0.000E+00	7.7430E+03	0.000E+00	0.000E+00	8
126	19	144	145	33	cab0	0.000E+00	7.7520E+03	0.000E+00	0.000E+00	7
125	19	143	144	33	cab0	0.000E+00	7.7520E+03	0.000E+00	0.000E+00	7
123	18	141	142	32	cab0	0.000E+00	7.9090E+02	0.000E+00	0.000E+00	1
122	18	141	142	32	cab0	0.000E+00	7.9090E+02	0.000E+00	0.000E+00	1
120	18	117	119	32	cab0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0
119	18	117	119	32	cab0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1
108	16	116	117	32	cab0	0.000E+00	0.5690E+02	0.000E+00	0.000E+00	8
96	15	115	116	32	cab0	0.000E+00	0.5690E+02	0.000E+00	0.000E+00	9
96	17	113	114	32	cab0	0.000E+00	3.1610E+02	0.000E+00	0.000E+00	9
95	17	112	113	32	cab0	0.000E+00	3.1610E+02	0.000E+00	0.000E+00	9
95	17	111	112	32	cab0	0.000E+00	2.2520E+02	0.000E+00	0.000E+00	6
95	17	110	111	32	cab0	0.000E+00	2.2520E+02	0.000E+00	0.000E+00	6
94	17	109	110	32	cab0	0.000E+00	1.1710E+02	0.000E+00	0.000E+00	7
93	17	108	109	32	cab0	0.000E+00	1.1710E+02	0.000E+00	0.000E+00	7
92	16	107	108	32	cab0	0.000E+00	0.8630E+01	0.000E+00	0.000E+00	0
91	16	107	108	32	cab0	0.000E+00	0.8630E+01	0.000E+00	0.000E+00	0
91	16	105	106	32	cab0	0.000E+00	2.1110E+01	0.000E+00	0.000E+00	7
90	15	104	105	32	cab0	0.000E+00	2.1110E+01	0.000E+00	0.000E+00	7
89	15	103	104	32	cab0	0.000E+00	1.0550E+02	0.000E+00	0.000E+00	1
88	15	103	104	32	cab0	0.000E+00	1.0550E+02	0.000E+00	0.000E+00	1
88	15	101	102	32	cab0	0.000E+00	0.5120E+02	0.000E+00	0.000E+00	2
87	15	100	101	32	cab0	0.000E+00	1.5490E+02	0.000E+00	0.000E+00	2
86	15	99	100	32	cab0	0.000E+00	1.5490E+02	0.000E+00	0.000E+00	2
86	15	98	99	32	cab0	0.000E+00	1.5190E+02	0.000E+00	0.000E+00	2
84	15	97	98	32	cab0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-3
84	15	96	97	32	cab0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-3
75	12	86	87	31	cab0	0.000E+00	4.7400E+03	0.000E+00	0.000E+00	1
75	12	85	86	31	cab0	0.000E+00	4.7400E+03	0.000E+00	0.000E+00	1
73	12	84	85	31	cab0	0.000E+00	4.7400E+03	0.000E+00	0.000E+00	1
73	12	84	85	31	cab0	0.000E+00	4.7400E+03	0.000E+00	0.000E+00	1
73	12	84	85	31	cab0	0.000E+00	4.7400E+03	0.000E+00	0.000E+00	1
71	11	81	82	31	cab0	0.000E+00	4.2600E+03	0.000E+00	0.000E+00	6
70	11	80	81	31	cab0	0.000E+00	4.2600E+03	0.000E+00	0.000E+00	6
69	11	79	80	31	cab0	0.000E+00	4.2600E+03	0.000E+00	0.000E+00	6
69	11	78	79	31	cab0	0.000E+00	4.2600E+03	0.000E+00	0.000E+00	1
68	11	77	78	31	cab0	0.000E+00	4.2600E+03	0.000E+00	0.000E+00	1
68	11	77	78	31	cab0	0.000E+00	4.2600E+03	0.000E+00	0.000E+00	1
66	10	75	76	31	cab0	0.000E+00	3.1620E+03	0.000E+00	0.000E+00	1
66	10	75	76	31	cab0	0.000E+00	3.1620E+03	0.000E+00	0.000E+00	1
66	10	75	76	31	cab0	0.000E+00	3.1620E+03	0.000E+00	0.000E+00	1
64	10	73	74	31	cab0	0.000E+00	5.6190E+03	0.000E+00	0.000E+00	8
63	10	72	73	31	cab0	0.000E+00	5.6190E+03	0.000E+00	0.000E+00	8
63	10	72	73	31	cab0	0.000E+00	5.6190E+03	0.000E+00	0.000E+00	8
61	9	69	70	31	cab0	0.000E+00	4.4420E+03	0.000E+00	0.000E+00	9
61	9	69	70	31	cab0	0.000E+00	4.4420E+03	0.000E+00	0.000E+00	9
61	9	69	70	31	cab0	0.000E+00	4.4420E+03	0.000E+00	0.000E+00	9
59	9	67	68	31	cab0	0.000E+00	1.3090E+04	0.000E+00	0.000E+00	2
59	9	67	68	31	cab0	0.000E+00	1.3090E+04	0.000E+00	0.000E+00	2
57	9	65	66	31	cab0	0.000E+00	1.5000E+04	0.000E+00	0.000E+00	2
57	9	65	66	31	cab0	0.000E+00	1.5000E+04	0.000E+00	0.000E+00	2
56	13	64	65	31	cab0	0.000E+00	6.9140E+04	0.000E+00	0.000E+00	7
58	8	62	63	31	cab0	0.000E+00	6.7500E+03	0.000E+00	0.000E+00	1
54	8	61	62	31	cab0	0.000E+00	2.1020E+04	0.000E+00	0.000E+00	1
52	8	59	60	31	cab0	0.000E+00	2.1020E+04	0.000E+00	0.000E+00	3
52	8	59	60	31	cab0	0.000E+00	2.1020E+04	0.000E+00	0.000E+00	3
50	8	57	58	31	cab0	0.000E+00	1.5400E+03	0.000E+00	0.000E+00	6
50	8	57	58	31	cab0	0.000E+00	1.5400E+03	0.000E+00	0.000E+00	6
48	5	54	55	31	cab0	0.000E+00	6.4490E+03	0.000E+00	0.000E+00	9
48	5	54	55	31	cab0	0.000E+00	6.4490E+03	0.000E+00	0.000E+00	9
47	5	53	54	31	cab0	0.000E+00	1.8130E+04	0.000E+00	0.000E+00	2
47	5	53	54	31	cab0	0.000E+00	1.8130E+04	0.000E+00	0.000E+00	2
46	5	52	53	31	cab0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0
45	5	51	52	31	cab0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0
45	5	51	52	31	cab0	0.000E+00	1.7290E+03	0.000E+00	0.000E+00	1
44	5	50	51	31	cab0	0.000E+00	1.7290E+03	0.000E+00	0.000E+00	1
43	4	49	50	31	cab0	0.000E+00	0.8170E+03	0.000E+00	0.000E+00	7
43	4	48	49	31	cab0	0.000E+00	0.5000E+03	0.000E+00	0.000E+00	9
42	4	47	48	31	cab0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-1
41	5	46	47	31	cab0	0.000E+00	3.7100E+03	0.000E+00	0.000E+00	5
40	5	45	46	31	cab0	0.000E+00	3.7100E+03	0.000E+00	0.000E+00	5
38	5	43	44	31	cab0	0.000E+00	4.4320E+03	0.000E+00	0.000E+00	8
38	5	43	44	31	cab0	0.000E+00	4.4320E+03	0.000E+00	0.000E+00	8
36	5	42	43	31	cab0	0.000E+00	1.7740E+03	0.000E+00	0.000E+00	1
37	11	41	42	31	cab0	0.000E+00	1.1330E+04	0.000E+00	0.000E+00	1
36	5	40	41	31	cab0	0.000E+00	3.2500E+03	0.000E+00	0.000E+00	4
36	5	40	41	31	cab0	0.000E+00	3.2500E+03	0.000E+00	0.000E+00	4
34	4	38	39	31	cab0	0.000E+00	2.2390E+03	0.000E+00	0.000E+00	9
34	4	37	38	31	cab0	0.000E+00	2.2390E+03	0.000E+00	0.000E+00	9
32	4	35	36	31	cab0	0.000E+00	2.2470E+03	0.000E+00	0.000E+00	9
31	3	34	35	31	cab0	0.000E+00	2.2470E+03	0.000E+00	0.000E+00	9
31	3	34	35	31	cab0	0.000E+00	2.2470E+03	0.000E+00	0.000E+00	9
29	3	32	33	31	cab0	0.000E+00	0.6100E+03	0.000E+00	0.000E+00	1
29	3	32	33	31	cab0	0.000E+00	0.6100E+03	0.000E+00	0.000E+00	1
29	3	31	32	31	cab0	0.000E+00	1.0200E+04	0.000E+00	0.000E+00	1
26	3	29	30	31	cab0	0.000E+00	1.1330E+04	0.000E+00	0.000E+00	1
27	3	29	30	31	cab0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	-1
26	3	28	29	31	cab0	0.000E+00	0.5900E+03	0.000E+00	0.000E+00	6
25	2	26	27	31	cab0	0.000E+00	6.3720E+03	0.000E+00	0.000E+00	1
24	2	25	26	31	cab0	0.000E+00	6.3720E+03	0.000E+00	0.000E+00	1
24	2	25	26	31	cab0	0.000E+00	6.3720E+03	0.000E+00	0.000E+00	1
23	2	24	25	31	cab0	0.000E+00	1.3140E+03	0.000E+00	0.000E+00	1
22	2	23	24	31	cab0	0.000E+00	1.3140E+03	0.000E+00	0.000E+00	1

log log

† real-time recording stopped 30-Dec-15 20:38

부재력(ko=2.5)

Structural element data ...									
Elem ID	Node1	Node2	Prop	F-shear	F-axial	Mom-1	Mom-2		
189	32	218	144	beam	4.791E+00	5.831E+00	5.856E-01	6.656E-01	4
188	32	217	106	beam	4.151E-02	-7.874E+00	8.448E-02	-2.180E-02	6
187	32	216	217	beam	5.130E-02	-7.736E+00	1.967E-01	6.702E-02	7
186	31	215	121	beam	5.306E-02	-1.407E+01	-7.173E-02	1.006E-01	1
185	31	214	215	beam	4.103E-01	-6.027E+00	1.801E-01	8.203E-02	6
184	31	213	214	beam	-5.839E-01	-1.287E+00	3.525E-02	-3.639E-01	1
183	31	212	106	beam	1.367E+00	7.488E+00	4.741E-01	2.651E-01	2
182	31	211	212	beam	1.009E-01	-1.888E+00	-1.125E-01	1.595E-02	5
126	19	143	144	beam	2.640E+03	-2.103E+04	3.125E+03	-3.500E-01	1
125	19	142	143	beam	-3.170E+03	4.723E+03	1.261E+03	-3.125E+03	2
124	19	141	142	beam	-1.032E+03	4.123E+03	3.294E+02	-1.262E+03	-2
123	19	140	141	beam	-1.774E+03	1.365E+04	-5.552E+03	-3.266E+02	-7
122	19	139	140	beam	2.002E+03	9.184E+04	1.597E+03	5.549E+02	-5
121	19	138	139	beam	-4.590E+03	1.040E+05	-1.577E+03	-1.997E+03	-6
120	19	137	138	beam	5.103E+03	1.226E+05	2.257E+03	1.577E+03	-6
119	19	136	137	beam	-5.606E+03	1.364E+05	-4.637E+02	-2.256E+03	-7
118	19	135	136	beam	2.840E+01	1.502E+05	-4.408E+02	4.647E+02	-8
117	19	134	135	beam	3.475E+03	1.502E+05	1.435E+03	4.407E+02	-8
116	19	133	134	beam	-3.903E+03	1.462E+05	-1.191E+03	-4.356E+02	-8
115	19	132	133	beam	5.154E+03	1.737E+05	1.134E+03	1.192E+03	-9
114	19	131	132	beam	1.049E+03	1.587E+05	-5.154E+01	-1.134E+03	-8
113	19	130	131	beam	3.823E+02	1.810E+05	1.460E+02	5.137E+01	-1
112	19	129	130	beam	-1.778E+03	1.725E+05	-1.217E+03	-1.460E+02	-9
111	19	128	129	beam	5.502E+03	1.507E+05	2.546E+03	1.217E+03	-8
110	19	127	128	beam	-5.135E+03	1.490E+05	-2.144E+03	-2.594E+03	-8
109	19	126	127	beam	9.040E+03	1.236E+05	1.912E+03	2.145E+03	-6
108	19	125	126	beam	-3.024E+03	1.229E+05	-1.282E+03	-1.913E+03	-6
107	19	124	125	beam	5.206E+03	7.189E+04	1.482E+03	2.265E+03	-1
106	19	123	124	beam	-1.572E+03	5.161E+04	-4.344E+01	-1.482E+03	-2
105	19	122	123	beam	3.547E+03	3.420E+04	2.048E+03	-8.340E+01	-1
104	19	121	122	beam	1.681E+03	6.262E+04	-5.662E-02	-2.048E+03	4
83	14	95	103	beam	2.238E+02	2.254E+04	3.438E+02	-2.980E-02	-1
82	14	94	103	beam	3.737E+02	4.751E+04	-3.725E+02	4.444E+02	-2
81	14	22	94	beam	3.002E+02	5.328E+04	2.658E+02	6.552E+00	-2
80	13	92	103	beam	3.002E+02	5.328E+04	2.658E+02	6.552E+00	-2
79	13	91	102	beam	-3.224E+02	2.962E+04	-2.777E+02	1.138E-01	-1
78	13	90	103	beam	3.238E+02	2.945E+04	3.378E-01	1.645E+02	-1
77	13	89	103	beam	6.380E-01	2.159E+04	-7.500E-02	2.159E-01	-1
21	1	21	22	beam	6.940E+02	2.603E+04	1.101E+03	-2.661E+02	-5
20	1	20	21	beam	1.476E+02	8.046E+04	9.897E+02	-1.101E+03	-6
19	1	19	20	beam	-1.903E+01	8.500E+04	9.897E+02	-1.016E+03	-6
18	1	18	19	beam	1.903E+01	8.500E+04	-1.077E+03	1.016E+03	-5
17	1	17	18	beam	2.597E+03	1.347E+05	2.018E+03	1.071E+03	-9
16	1	16	17	beam	1.701E+03	1.347E+05	-2.018E+03	-1.071E+03	-9
15	1	15	16	beam	8.708E+03	2.003E+05	4.911E+03	4.000E+03	-1
14	1	14	15	beam	-1.003E+04	2.716E+05	3.917E+02	-4.911E+03	-1
13	1	13	14	beam	1.737E+03	4.103E+05	-1.474E+03	-3.916E+02	-2
12	1	12	13	beam	4.144E+03	6.112E+05	4.842E+03	1.474E+03	-3
11	1	11	12	beam	-2.944E+04	-7.949E+05	-4.949E+03	-5.44E+03	-4
10	1	10	11	beam	1.197E+04	8.877E+05	3.352E+03	8.214E+03	-5
9	1	9	10	beam	8.765E+05	-8.846E+05	-2.351E+03	-3.581E+03	-5
8	1	8	9	beam	3.634E+04	6.833E+05	1.014E+04	5.849E+03	-4
7	1	7	8	beam	1.911E+04	5.002E+05	-8.775E+03	-1.014E+04	-3
6	1	6	7	beam	3.088E+04	3.002E+05	3.945E+03	8.775E+03	-2
5	1	5	6	beam	-9.105E+03	3.055E+05	-3.718E+03	-5.846E+03	-1
4	1	4	5	beam	1.244E+04	1.780E+05	1.103E+03	3.717E+03	-1
3	1	3	4	beam	-1.085E+03	1.328E+05	6.874E+02	-1.731E+03	-9
2	1	2	3	beam	1.276E+03	1.363E+05	1.413E+03	6.874E+02	-9
1	1	1	2	beam	-1.085E+03	3.721E+04	-4.844E-02	-1.474E+03	-6

Structural element data ...									
Elem ID	Node1	Node2	Prop	F-shear	F-axial	Mom-1	Mom-2		
209	36	241	242	34	cable	0.000E+00	-8.040E-02	0.000E+00	0.000E+00 6
208	36	240	241	34	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00 -1
207	36	239	240	34	cable	0.000E+00	-4.259E-01	0.000E+00	0.000E+00 2
206	36	238	239	34	cable	0.000E+00	-4.147E-01	0.000E+00	0.000E+00 2
205	36	237	238	34	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00 -2
204	36	236	237	34	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00 -2
203	36	235	236	34	cable	0.000E+00	-3.126E-01	0.000E+00	0.000E+00 -3
202	36	234	235	34	cable	0.000E+00	-1.703E-01	0.000E+00	0.000E+00 -4
201	36	233	234	34	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00 -3
200	36	232	233	34	cable	0.000E+00	-3.233E-02	0.000E+00	0.000E+00 -3
199	34	229	230	34	cable	0.000E+00	-9.446E-01	0.000E+00	0.000E+00
198	34	228	229	34	cable	0.000E+00	-1.278E-01	0.000E+00	0.000E+00 -5
197	34	227	228	34	cable	0.000E+00	-2.294E-01	0.000E+00	0.000E+00 -1
196	34	226	227	34	cable	0.000E+00	-6.156E-02	0.000E+00	0.000E+00 -2
195	34	225	226	34	cable	0.000E+00	-3.007E-02	0.000E+00	0.000E+00 4
194	33	223	224	34	cable	0.000E+00	-1.054E+00	0.000E+00	0.000E+00 1
193	33	222	223	34	cable	0.000E+00	-5.037E-03	0.000E+00	0.000E+00 -7
192	33	221	222	34	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00 -1
191	33	220	221	34	cable	0.000E+00	-2.736E-02	0.000E+00	0.000E+00 -1
190	33	219	220	34	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00 -3
189	33	209	210	33	cable	0.000E+00	-5.945E+03	0.000E+00	0.000E+00 9
189	30	208	209	33	cable	0.000E+00	-6.955E+03	0.000E+00	0.000E+00 1
179	30	207	208	33	cable	0.000E+00	-6.403E+03	0.000E+00	0.000E+00 9
178	30	206	207	33	cable	0.000E+00	-7.307E+03	0.000E+00	0.000E+00 1
177	30	205	206	33	cable	0.000E+00	3.000E+00	0.000E+00	0.000E+00 -1
176	29	203	204	33	cable	0.000E+00	-0.113E+03	0.000E+00	0.000E+00 4
175	29	202	203	33	cable	0.000E+00	-2.955E+03	0.000E+00	0.000E+00 3
174	29	201	202	33	cable	0.000E+00	-3.158E+03	0.000E+00	0.000E+00 4
173	29	200	201	33	cable	0.000E+00	-4.052E+03	0.000E+00	0.000E+00 4
172	29	199	200	33	cable	0.000E+00	-7.474E+03	0.000E+00	0.000E+00 1
171	28	197	198	33	cable	0.000E+00	-1.369E+03	0.000E+00	0.000E+00 1
170	28	196	197	33	cable	0.000E+00	-1.131E+03	0.000E+00	0.000E+00 1
169	28	195	196	33	cable	0.000E+00	-1.423E+03	0.000E+00	0.000E+00 1
168	28	194	195	33	cable	0.000E+00	-2.273E+03	0.000E+00	0.000E+00 3
167	28	193	194	33	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00 3
166	27	191	192	33	cable	0.000E+00	-2.852E+02	0.000E+00	0.000E+00 2
165	27	190	191	33	cable	0.000E+00	-2.739E+02	0.000E+00	0.000E+00 2
164	27	189	190	33	cable	0.000E+00	-7.745E+02	0.000E+00	0.000E+00 8
163	27	188	189	33	cable	0.000E+00	-2.204E+03	0.000E+00	0.000E+00 1
162	27	187	188	33	cable	0.000E+00	-3.645E+03	0.000E+00	0.000E+00 5
161	26	185	186	33	cable	0.000E+00	-2.321E+02	0.000E+00	0.000E+00
160	26	184	185	33	cable	0.000E+00	-5.006E+02	0.000E+00	0.000E+00 4
159	26	183	184	33	cable	0.000E+00	-8.528E+02	0.000E+00	0.000E+00 1
158	26	182	183	33	cable	0.000E+00	-8.228E+03	0.000E+00	0.000E+00 1
157	26	181	182	33	cable	0.000E+00	-4.555E+03	0.000E+00	0.000E+00 6
156	25	179	180	33	cable	0.000E+00	-4.096E+02	0.000E+00	0.000E+00 1
155	25	178	179	33	cable	0.000E+00	-5.825E+02	0.000E+00	0.000E+00 4
154	25	177	178	33	cable	0.000E+00	-9.367E+02	0.000E+00	0.000E+00 1
153	25	176	177	33	cable	0.000E+00	-3.501E+03	0.000E+00	0.000E+00 5
152	25	175	176	33	cable	0.000E+00	0.000E+00	0.000E+00	0.000E+00 -1
151	24	173	174	33	cable	0.000E+00	-4.803E+02	0.000E+00	0.000E+00 3
150	24	172	173	33	cable	0.000E+00	-5.845E+02	0.000E+00	0.000E+00 6
149	24	171	172	33	cable	0.000E+00	-1.020E+00	0.000E+00	0.000E+00 1
148	24	170	171	33	cable	0.000E+00	-4.544E+03	0.000E+00	0.000E+00 6
147	24	169	170	33	cable	0.000E+00	-5.891E+03	0.000E+00	0.000E+00 8
146	23	167	168	33	cable	0.000E+00	-5.646E+02	0.000E+00	0.000E+00 7
145	23	166	167	33	cable	0.000E+00	-5.646E+02	0.000E+00	0.000E+00 7
144	23	165	166	33	cable	0.000E+00	-5.646E+02	0.000E+00	0.000E+00 7
143	23	164	165	33	cable	0.000E+00	-3.110E+03	0.000E+00	0.000E+00 4
142	23	163	164	33	cable	0.000E+00	-3.110E+03	0.000E+00	0.000E+00 4
141	22	161	162	33	cable	0.000E+00	-5.394E+02	0.000E+00	0.000E+00 1
140	22	160	161	33	cable	0.000E+00	-5.394E+02	0.000E+00	0.000E+00 1
139	22	159	160	33	cable	0.000E+00	-5.394E+02	0.000E+00	0.000E+00 1
138	22	158	159	33	cable	0.000E+00	-1.482E+03	0.000E+00	0.000E+00 2
137	22	157	158	33	cable	0.000E+00	-2.394E+02	0.000E+00	0.000E+00 1
136	22	156	157	33	cable	0.000E+00	-2.394E+02	0.000E+00	0.000E+00 1
135	22	155	156	33	cable	0.000E+00	-2.163E+03	0.000E+00	0.000E+00 2
134	22	154	155	33	cable	0.000E+00	-2.163E+03	0.000E+00	0.000E+00 2

[illegible]

57	-0.314	-0.849	-0.783	-0.719	-0.652	-0.600	-0.547	-0.498	24	0.095	0.079	0.063	0.048	0.033	0.020	0.007	-0.004
56	-0.925	-0.855	-0.784	-0.716	-0.652	-0.600	-0.547	-0.498	23	0.098	0.063	0.067	0.052	0.038	0.025	0.012	0.001
55	-0.935	-0.859	-0.784	-0.712	-0.644	-0.582	-0.526	-0.476	22	0.101	0.085	0.071	0.056	0.042	0.029	0.017	0.005
54	-0.945	-0.861	-0.783	-0.703	-0.633	-0.569	-0.512	-0.461	21	0.102	0.086	0.074	0.060	0.044	0.031	0.019	0.005
53	-0.952	-0.860	-0.772	-0.691	-0.618	-0.552	-0.495	-0.444	20	0.103	0.090	0.076	0.062	0.049	0.037	0.025	0.014
52	-0.954	-0.854	-0.769	-0.686	-0.612	-0.545	-0.487	-0.434	19	0.104	0.091	0.078	0.064	0.050	0.038	0.026	0.015
51	-0.955	-0.843	-0.741	-0.651	-0.573	-0.507	-0.450	-0.402	18	0.103	0.091	0.079	0.067	0.055	0.043	0.032	0.021
50	-0.946	-0.824	-0.715	-0.622	-0.543	-0.478	-0.423	-0.378	17	0.102	0.091	0.079	0.068	0.056	0.045	0.034	0.024
49	-0.935	-0.798	-0.686	-0.593	-0.508	-0.445	-0.394	-0.352	16	0.100	0.090	0.078	0.068	0.056	0.047	0.037	0.027
48	-0.914	-0.762	-0.639	-0.543	-0.468	-0.409	-0.362	-0.324	15	0.098	0.088	0.078	0.068	0.058	0.048	0.038	0.029
47	-0.883	-0.714	-0.587	-0.494	-0.424	-0.371	-0.330	-0.297	14	0.095	0.087	0.077	0.067	0.058	0.048	0.039	0.031
46	-0.831	-0.651	-0.525	-0.437	-0.376	-0.331	-0.297	-0.270	13	0.091	0.083	0.074	0.066	0.057	0.048	0.040	0.031
45	-0.744	-0.568	-0.416	-0.335	-0.289	-0.251	-0.225	-0.204	12	0.087	0.079	0.071	0.064	0.056	0.048	0.040	0.031
44	-0.609	-0.458	-0.302	-0.238	-0.205	-0.182	-0.164	-0.151	11	0.082	0.075	0.069	0.061	0.054	0.046	0.039	0.032
43	-0.385	-0.212	-0.263	-0.240	-0.226	-0.215	-0.206	-0.197	10	0.078	0.070	0.064	0.057	0.051	0.044	0.038	0.031
42	-0.112	-0.127	-0.183	-0.174	-0.179	-0.180	-0.179	-0.176	9	0.070	0.070	0.065	0.057	0.051	0.044	0.038	0.031
41	0.152	0.008	-0.072	-0.113	-0.134	-0.148	-0.152	-0.155	8	0.063	0.058	0.054	0.049	0.044	0.038	0.033	0.028
40	0.207	0.110	0.035	-0.056	-0.091	-0.113	-0.126	-0.134	7	0.058	0.052	0.048	0.043	0.038	0.033	0.028	0.025
39	0.266	0.184	0.100	-0.002	-0.049	-0.079	-0.099	-0.112	6	0.048	0.044	0.041	0.037	0.034	0.030	0.026	0.022
38	0.410	0.244	0.127	0.047	0.008	-0.045	-0.071	-0.089	5	0.039	0.037	0.034	0.031	0.028	0.025	0.022	0.019
37	0.439	0.289	0.176	0.092	0.032	-0.011	-0.042	-0.065	4	0.030	0.028	0.026	0.024	0.022	0.020	0.017	0.015
36	0.454	0.322	0.215	0.131	0.068	0.031	-0.014	-0.041	3	0.021	0.019	0.018	0.017	0.015	0.013	0.012	0.010
35	0.459	0.343	0.244	0.164	0.100	0.051	0.012	-0.017	2	0.011	0.010	0.009	0.009	0.008	0.007	0.006	0.005
34	0.457	0.355	0.266	0.190	0.127	0.077	0.037	0.005	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33	0.450	0.381	0.280	0.210	0.150	0.100	0.050	0.000									
32	0.439	0.361	0.269	0.224	0.167	0.119	0.078	0.045									
31	0.420	0.344	0.254	0.234	0.181	0.134	0.095	0.061									
30	0.412	0.352	0.264	0.240	0.190	0.147	0.106	0.075									
29	0.397	0.343	0.262	0.242	0.197	0.156	0.119	0.087									
28	0.381	0.334	0.267	0.243	0.201	0.163	0.128	0.097									
27	0.365	0.323	0.261	0.241	0.203	0.167	0.130	0.105									
26	0.349	0.312	0.274	0.258	0.203	0.170	0.138	0.111									
25	0.333	0.300	0.267	0.254	0.201	0.171	0.142	0.116									
24	0.320	0.290	0.260	0.250	0.200	0.171	0.144	0.119									
23	0.310	0.282	0.253	0.255	0.197	0.170	0.144	0.120									
22	0.298	0.274	0.246	0.252	0.194	0.168	0.142	0.118									
21	0.285	0.262	0.238	0.244	0.190	0.166	0.144	0.122									
20	0.273	0.251	0.229	0.237	0.185	0.162	0.142	0.122									
19	0.260	0.240	0.220	0.230	0.180	0.158	0.140	0.121									
18	0.247	0.229	0.211	0.232	0.174	0.155	0.137	0.120									
17	0.234	0.218	0.201	0.214	0.161	0.142	0.124	0.107									
16	0.220	0.206	0.191	0.176	0.160	0.145	0.130	0.115									
15	0.208	0.194	0.181	0.165	0.150	0.135	0.120	0.105									
14	0.194	0.182	0.170	0.157	0.145	0.132	0.119	0.107									
13	0.180	0.170	0.158	0.146	0.135	0.123	0.111	0.102									
12	0.168	0.148	0.138	0.127	0.117	0.107	0.097	0.087									
11	0.153	0.145	0.136	0.127	0.118	0.109	0.100	0.091									
10	0.139	0.130	0.124	0.116	0.108	0.100	0.092	0.084									
9	0.125	0.119	0.112	0.105	0.098	0.091	0.084	0.077									
8	0.112	0.106	0.100	0.094	0.088	0.082	0.076	0.070									
7	0.096	0.091	0.087	0.082	0.077	0.071	0.066	0.061									
6	0.081	0.076	0.072	0.068	0.063	0.058	0.053	0.048									
5	0.066	0.063	0.060	0.057	0.053	0.050	0.046	0.043									
4	0.051	0.048	0.046	0.043	0.041	0.038	0.036	0.033									
3	0.034	0.033	0.032	0.030	0.028	0.026	0.024	0.022									
2	0.018	0.017	0.016	0.015	0.014	0.013	0.012	0.012									
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000									
y disp.									(multiply values below by 10 ⁻³)								
J	89	90	91	92	93	94	95	96	J	97	98	99	100	101	102	103	104
97	-0.308	-0.350	-0.329	-0.308	-0.287	-0.266	-0.246	-0.226	97	-0.308	-0.350	-0.329	-0.308	-0.287	-0.266	-0.246	-0.226
96	-0.379	-0.348	-0.327	-0.306	-0.285	-0.264	-0.244	-0.224	96	-0.379	-0.348	-0.327	-0.306	-0.285	-0.264	-0.244	-0.224
95	-0.368	-0.346	-0.325	-0.304	-0.283	-0.262	-0.242	-0.222	95	-0.368	-0.346	-0.325	-0.304	-0.283	-0.262	-0.242	-0.222
94	-0.362	-0.343	-0.322	-0.301	-0.279	-0.258	-0.238	-0.218	94	-0.362	-0.343	-0.322	-0.301	-0.279	-0.258	-0.238	-0.218
93	-0.358	-0.337	-0.316	-0.295	-0.274	-0.253	-0.232	-0.212	93	-0.358	-0.337	-0.316	-0.295	-0.274	-0.253	-0.232	-0.212
92	-0.360	-0.338	-0.317	-0.296	-0.274	-0.253	-0.232	-0.212	92	-0.360	-0.338	-0.317	-0.296	-0.274	-0.253	-0.232	-0.212
91	-0.359	-0.337	-0.316	-0.295	-0.274	-0.253	-0.232	-0.212	91	-0.359	-0.337	-0.316	-0.295	-0.274	-0.253	-0.232	-0.212
90	-0.355	-0.333	-0.311	-0.290	-0.268	-0.246	-0.226	-0.205	90	-0.355	-0.333	-0.311	-0.290	-0.268	-0.246	-0.226	-0.205
89	-0.352	-0.330	-0.308	-0.286	-0.264	-0.243	-0.222	-0.201	89	-0.352	-0.330	-0.308	-0.286	-0.264	-0.243	-0.222	-0.201
88	-0.353	-0.331	-0.309	-0.287	-0.265	-0.243	-0.222	-0.201	88	-0.353	-0.331	-0.309	-0.287	-0.265	-0.243	-0.222	-0.201
87	-0.346	-0.324	-0.301	-0.279	-0.257	-0.235	-0.214	-0.193	87	-0.346	-0.324	-0.301	-0.279	-0.257	-0.235	-0.214	-0.193
86	-0.343	-0.321	-0.299	-0.277	-0.255	-0.233	-0.212	-0.191	86	-0.343	-0.321	-0.299	-0.277	-0.255	-0.233	-0.212	-0.191
85	-0.339	-0.316	-0.293	-0.270	-0.247	-0.225	-0.204	-0.184	85	-0.339	-0.316	-0.293	-0.270	-0.247	-0.225	-0.204	-0.184
84	-0.335	-0.312	-0.289	-0.266	-0.243	-0.220	-0.198	-0.177	84	-0.335	-0.312	-0.289	-0.266	-0.243	-0.220	-0.198	-0.177
83	-0.329	-0.306	-0.282	-0.259	-0.237	-0.215	-0.194	-0.173	83	-0.329	-0.306	-0.282	-0.259	-0.237	-0.215	-0.194	-0.173
82	-0.324	-0.300	-0.276	-0.253	-0.231	-0.209	-0.188	-0.166	82	-0.324	-0.300	-0.276	-0.253	-0.231	-0.209	-0.188	-0.166
81	-0.317	-0.293	-0.269	-0.246	-0.223	-0.202	-0.180	-0.158	81	-0.317	-0.293	-0.269	-0.246	-0.223	-0.202	-0.180	-0.158
80	-0.310	-0.286	-0.262	-0.239	-0.217	-0.195	-0.173	-0.151	80	-0.310	-0.286	-0.262	-0.239	-0.217	-0.195	-0.173	-0.151
79	-0.302	-0.277	-0.254	-0.231	-0.209	-0.188	-0.166	-0.144	79	-0.302	-0.277	-0.254	-0.231	-0.209	-0.188	-0.166	-0.144
78	-0.293	-0.268	-0.245	-0.223	-0.201	-0.180	-0.161	-0.143	78	-0.293	-0.268	-0.245	-0.223	-0.2			

5	0.698	0.659	0.629	0.598	0.569	0.534	0.501	0.467
4	0.695	0.657	0.627	0.596	0.565	0.532	0.499	0.464
3	0.694	0.655	0.626	0.595	0.563	0.531	0.498	0.464
2	0.693	0.654	0.625	0.594	0.562	0.530	0.496	0.462
1	0.692	0.654	0.624	0.593	0.562	0.529	0.496	0.462

x disp. (multiply values below by 10⁻⁴)

1	40	50	51	52	53	54	55	56
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100	99	98	97	96	95	94	93	92
91	90	89	88	87	86	85	84	83
82	81	80	79	78	77	76	75	74
73	72	71	70	69	68	67	66	65
64	63	62	61	60	59	58	57	56
55	54	53	52	51	50	49	48	47
46	45	44	43	42	41	40	39	38
37	36	35	34	33	32	31	30	29
28	27	26	25	24	23	22	21	20
19	18	17	16	15	14	13	12	11
10	9	8	7	6	5	4	3	2
1	0	-1	-2	-3	-4	-5	-6	-7

100	99	98	97	96	95	94	93	92
91	90	89	88	87	86	85	84	83
82	81	80	79	78	77	76	75	74
73	72	71	70	69	68	67	66	65
64	63	62	61	60	59	58	57	56
55	54	53	52	51	50	49	48	47
46	45	44	43	42	41	40	39	38
37	36	35	34	33	32	31	30	29
28	27	26	25	24	23	22	21	20
19	18	17	16	15	14	13	12	11
10	9	8	7	6	5	4	3	2
1	0	-1	-2	-3	-4	-5	-6	-7

x disp. (multiply values below by 10⁻⁴)

1	65	66	67	68	69	70	71	72
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100	99	98	97	96	95	94	93	92
91	90	89	88	87	86	85	84	83
82	81	80	79	78	77	76	75	74
73	72	71	70	69	68	67	66	65
64	63	62	61	60	59	58	57	56
55	54	53	52	51	50	49	48	47
46	45	44	43	42	41	40	39	38
37	36	35	34	33	32	31	30	29
28	27	26	25	24	23	22	21	20
19	18	17	16	15	14	13	12	11
10	9	8	7	6	5	4	3	2
1	0	-1	-2	-3	-4	-5	-6	-7

x disp. (multiply values below by 10⁻⁴)

1	57	58	59	60	61	62	63	64
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100	99	98	97	96	95	94	93	92
91	90	89	88	87	86	85	84	83
82	81	80	79	78	77	76	75	74
73	72	71	70	69	68	67	66	65
64	63	62	61	60	59	58	57	56
55	54	53	52	51	50	49	48	47
46	45	44	43	42	41	40	39	38
37	36	35	34	33	32	31	30	29
28	27	26	25	24	23	22	21	20
19	18	17	16	15	14	13	12	11
10	9	8	7	6	5	4	3	2
1	0	-1	-2	-3	-4	-5	-6	-7

77	-1.000	-1.020	-1.046	-1.098	-1.135	-1.192	-1.265	-1.379
76	-1.001	-1.030	-1.070	-1.111	-1.155	-1.205	-1.261	-1.338
75	-1.002	-1.036	-1.081	-1.126	-1.175	-1.229	-1.287	-1.364
74	-1.003	-1.041	-1.091	-1.138	-1.189	-1.244	-1.302	-1.378
73	-1.004	-1.046	-1.101	-1.151	-1.203	-1.259	-1.317	-1.392
72	-1.005	-1.051	-1.109	-1.161	-1.214	-1.271	-1.329	-1.403
71	-1.006	-1.056	-1.117	-1.171	-1.225	-1.282	-1.340	-1.413
70	-1.007	-1.060	-1.123	-1.178	-1.233	-1.290	-1.348	-1.420
69	-1.008	-1.063	-1.128	-1.184	-1.240	-1.297	-1.355	-1.426
68	-1.009	-1.067	-1.133	-1.190	-1.246	-1.303	-1.361	-1.431
67	-1.010	-1.070	-1.137	-1.195	-1.252	-1.309	-1.367	-1.436
66	-1.011	-1.072	-1.140	-1.200	-1.257	-1.314	-1.372	-1.440
65	-1.012	-1.074	-1.143	-1.203	-1.260	-1.317	-1.375	-1.443
64	-1.013	-1.076	-1.146	-1.206	-1.263	-1.320	-1.378	-1.445
63	-1.014	-1.078	-1.149	-1.209	-1.266	-1.323	-1.381	-1.448
62	-1.015	-1.080	-1.152	-1.212	-1.269	-1.326	-1.384	-1.450
61	-1.016	-1.082	-1.155	-1.215	-1.272	-1.329	-1.387	-1.452
60	-1.017	-1.084	-1.158	-1.218	-1.275	-1.332	-1.390	-1.454
59	-1.018	-1.086	-1.160	-1.220	-1.277	-1.334	-1.392	-1.456
58	-1.019	-1.088	-1.162	-1.222	-1.279	-1.336	-1.394	-1.458
57	-1.020	-1.090	-1.164	-1.224	-1.281	-1.338	-1.396	-1.460
56	-1.021	-1.092	-1.166	-1.226	-1.283	-1.340	-1.398	-1.462
55	-1.022	-1.094	-1.168	-1.228	-1.285	-1.342	-1.400	-1.464
54	-1.023	-1.096	-1.170	-1.230	-1.287	-1.344	-1.402	-1.466
53	-1.024	-1.098	-1.172	-1.232	-1.289	-1.346	-1.404	-1.468
52	-1.025	-1.100	-1.174	-1.234	-1.291	-1.348	-1.406	-1.470
51	-1.026	-1.102	-1.176	-1.236	-1.293	-1.350	-1.408	-1.472
50	-1.027	-1.104	-1.178	-1.238	-1.295	-1.352	-1.410	-1.474
49	-1.028	-1.106	-1.180	-1.240	-1.297	-1.354	-1.412	-1.476
48	-1.029	-1.108	-1.182	-1.242	-1.299	-1.356	-1.414	-1.478
47	-1.030	-1.110	-1.184	-1.244	-1.301	-1.358	-1.416	-1.480
46	-1.031	-1.112	-1.186	-1.246	-1.303	-1.360	-1.418	-1.482
45	-1.032	-1.114	-1.188	-1.248	-1.305	-1.362	-1.420	-1.484
44	-1.033	-1.116	-1.190	-1.250	-1.307	-1.364	-1.422	-1.486
43	-1.034	-1.118	-1.192	-1.252	-1.309	-1.366	-1.424	-1.488
42	-1.035	-1.120	-1.194	-1.254	-1.311	-1.368	-1.426	-1.490
41	-1.036	-1.122	-1.196	-1.256	-1.313	-1.370	-1.428	-1.492
40	-1.037	-1.124	-1.198	-1.258	-1.315	-1.372	-1.430	-1.494
39	-1.038	-1.126	-1.200	-1.260	-1.317	-1.374	-1.432	-1.496
38	-1.039	-1.128	-1.202	-1.262	-1.319	-1.376	-1.434	-1.498
37	-1.040	-1.130	-1.204	-1.264	-1.321	-1.378	-1.436	-1.500
36	-1.041	-1.132	-1.206	-1.266	-1.323	-1.380	-1.438	-1.502
35	-1.042	-1.134	-1.208	-1.268	-1.325	-1.382	-1.440	-1.504
34	-1.043	-1.136	-1.210	-1.270	-1.327	-1.384	-1.442	-1.506
33	-1.044	-1.138	-1.212	-1.272	-1.329	-1.386	-1.444	-1.508
32	-1.045	-1.140	-1.214	-1.274	-1.331	-1.388	-1.446	-1.510
31	-1.046	-1.142	-1.216	-1.276	-1.333	-1.390	-1.448	-1.512
30	-1.047	-1.144	-1.218	-1.278	-1.335	-1.392	-1.450	-1.514
29	-1.048	-1.146	-1.220	-1.280	-1.337	-1.394	-1.452	-1.516
28	-1.049	-1.148	-1.222	-1.282	-1.339	-1.396	-1.454	-1.518
27	-1.050	-1.150	-1.224	-1.284	-1.341	-1.398	-1.456	-1.520
26	-1.051	-1.152	-1.226	-1.286	-1.343	-1.400	-1.458	-1.522
25	-1.052	-1.154	-1.228	-1.288	-1.345	-1.402	-1.460	-1.524
24	-1.053	-1.156	-1.230	-1.290	-1.347	-1.404	-1.462	-1.526
23	-1.054	-1.158	-1.232	-1.292	-1.349	-1.406	-1.464	-1.528
22	-1.055	-1.160	-1.234	-1.294	-1.351	-1.408	-1.466	-1.530
21	-1.056	-1.162	-1.236	-1.296	-1.353	-1.410	-1.468	-1.532
20	-1.057	-1.164	-1.238	-1.298	-1.355	-1.412	-1.470	-1.534
19	-1.058	-1.166	-1.240	-1.300	-1.357	-1.414	-1.472	-1.536
18	-1.059	-1.168	-1.242	-1.302	-1.359	-1.416	-1.474	-1.538
17	-1.060	-1.170	-1.244	-1.304	-1.361	-1.418	-1.476	-1.540
16	-1.061	-1.172	-1.246	-1.306	-1.363	-1.420	-1.478	-1.542
15	-1.062	-1.174	-1.248	-1.308	-1.365	-1.422	-1.480	-1.544
14	-1.063	-1.176	-1.250	-1.310	-1.367	-1.424	-1.482	-1.546
13	-1.064	-1.178	-1.252	-1.312	-1.369	-1.426	-1.484	-1.548
12	-1.065	-1.180	-1.254	-1.314	-1.371	-1.428	-1.486	-1.550
11	-1.066	-1.182	-1.256	-1.316	-1.373	-1.430	-1.488	-1.552
10	-1.067	-1.184	-1.258	-1.318	-1.375	-1.432	-1.490	-1.554
9	-1.068	-1.186	-1.260	-1.320	-1.377	-1.434	-1.492	-1.556
8	-1.069	-1.188	-1.262	-1.322	-1.379	-1.436	-1.494	-1.558
7	-1.070	-1.190	-1.264	-1.324	-1.381	-1.438	-1.496	-1.560
6	-1.071	-1.192	-1.266	-1.326	-1.383	-1.440	-1.498	-1.562
5	-1.072	-1.194	-1.268	-1.328	-1.385	-1.442	-1.500	-1.564
4	-1.073	-1.196	-1.270	-1.330	-1.387	-1.444	-1.502	-1.566
3	-1.074	-1.198	-1.272	-1.332	-1.389	-1.446	-1.504	-1.568
2	-1.075	-1.200	-1.274	-1.334	-1.391	-1.448	-1.506	-1.570
1	-1.076	-1.202	-1.276	-1.336	-1.393	-1.450	-1.508	-1.572

x disp. (multiply values below by 10⁻⁴)

1	65	66	67	68	69	70	71	72
---	----	----	----	----	----	----	----	----

100	99	98	97	96	95	94	93	92
91	90	89	88	87	86	85	84	83
82	81	80	79	78	77	76	75	74
73	72	71	70	69	68	67	66	65
64	63	62	61	60	59	58	57	56
55	54	53	52	51	50	49	48	47
46	45	44	43	42	41	40	39	38
37	36	35	34	33	32	31	30	29
28	27	26	25	24	23	22	21	20
19	18	17	16	15	14	13	12	11
10	9	8	7	6	5	4	3	2
1	0	-1	-2	-3	-4	-5	-6	-7

x disp. (multiply values below by 10⁻⁴)

1	57	58	59	60	61	62	63	64
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100	99</
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83 -4.484 -4.487 -4.485 -4.479 -4.481 -4.293 -4.241 -4.184
81 -4.298 -4.261 -4.241 -4.210 -4.175 -4.134 -4.088 -4.035
80 -4.109 -4.084 -4.075 -4.07 -4.072 -4.067 -4.061 -4.049
79 -3.946 -3.961 -3.971 -3.975 -3.973 -3.873 -3.839 -3.753
78 -3.765 -3.769 -3.765 -3.759 -3.753 -3.659 -3.625 -3.571
77 -3.662 -3.657 -3.647 -3.631 -3.610 -3.547 -3.545 -3.502
76 -3.542 -3.539 -3.530 -3.516 -3.495 -3.467 -3.452 -3.369
75 -3.437 -3.434 -3.431 -3.412 -3.391 -3.363 -3.359 -3.285
74 -3.345 -3.343 -3.343 -3.320 -3.299 -3.270 -3.234 -3.189
73 -3.265 -3.264 -3.262 -3.239 -3.217 -3.181 -3.146 -3.102
72 -3.204 -3.199 -3.188 -3.170 -3.145 -3.113 -3.072 -3.023
71 -3.153 -3.148 -3.137 -3.114 -3.088 -3.052 -3.013 -2.964
70 -3.114 -3.105 -3.088 -3.065 -3.033 -2.993 -2.945 -2.888
69 -3.086 -3.075 -3.055 -3.027 -2.991 -2.946 -2.893 -2.831
68 -3.073 -3.056 -3.031 -2.999 -2.962 -2.917 -2.866 -2.781
67 -3.070 -3.048 -3.017 -2.978 -2.931 -2.875 -2.810 -2.736
66 -3.077 -3.063 -3.012 -2.965 -2.911 -2.846 -2.772 -2.695
65 -3.056 -3.059 -3.014 -2.960 -2.897 -2.826 -2.747 -2.661
64 -3.122 -3.078 -3.024 -2.959 -2.887 -2.806 -2.718 -2.625
63 -3.157 -3.103 -3.038 -2.934 -2.872 -2.785 -2.696 -2.608
62 -3.201 -3.132 -3.057 -2.955 -2.781 -2.640 -2.529 -2.411
61 -2.996 -3.002 -2.903 -2.859 -2.591 -2.480 -2.368 -2.255
60 -2.789 -2.702 -2.608 -2.510 -2.408 -2.303 -2.195 -2.087
59 -2.815 -2.487 -2.408 -2.314 -2.218 -2.115 -2.013 -1.909
58 -2.372 -2.290 -2.202 -2.111 -2.018 -1.920 -1.822 -1.724
57 -2.162 -2.079 -1.992 -1.902 -1.810 -1.717 -1.624 -1.532
56 -1.949 -1.884 -1.776 -1.687 -1.597 -1.508 -1.420 -1.335
55 -1.730 -1.642 -1.553 -1.465 -1.378 -1.293 -1.211 -1.132
54 -1.502 -1.411 -1.322 -1.235 -1.151 -1.072 -0.996 -0.926
53 -1.261 -1.169 -1.080 -0.997 -0.918 -0.845 -0.778 -0.716
52 -1.035 -0.914 -0.828 -0.750 -0.678 -0.614 -0.556 -0.506
51 -0.732 -0.645 -0.566 -0.495 -0.430 -0.380 -0.334 -0.296
50 -0.442 -0.354 -0.275 -0.203 -0.138 -0.084 -0.044 -0.014
49 -0.137 -0.071 -0.017 0.027 0.000 0.085 0.101 0.110
48 -0.177 0.234 0.249 0.265 0.281 0.307 0.330 0.348
47 0.430 0.514 0.528 0.532 0.528 0.516 0.498 0.476
46 0.786 0.787 0.777 0.759 0.726 0.705 0.671 0.633
45 1.068 1.029 1.006 0.987 0.968 0.919 0.879 0.769
44 1.274 1.226 1.173 1.117 1.059 1.000 0.939 0.878
43 1.429 1.384 1.331 1.275 1.213 1.153 1.093 1.033
42 1.507 1.436 1.365 1.293 1.222 1.150 1.080 1.009
41 1.506 1.429 1.358 1.287 1.216 1.145 1.074 1.003
40 1.429 1.376 1.321 1.263 1.204 1.143 1.082 1.020
39 1.286 1.229 1.178 1.134 1.086 1.035 0.983 0.931
38 1.102 1.044 0.979 0.908 0.837 0.766 0.695 0.624
37 0.888 0.804 0.712 0.611 0.503 0.388 0.267 0.141
36 0.662 0.561 0.453 0.340 0.223 0.108 0.000 0.000
35 0.440 0.465 0.514 0.578 0.605 0.623 0.634 0.637
34 1.231 0.914 0.598 0.282 0.000 0.000 0.000 0.000
33 0.041 0.116 0.184 0.245 0.297 0.341 0.377 0.405
32 0.123 0.049 0.135 0.251 0.367 0.483 0.599 0.715
31 -0.272 -0.194 -0.119 -0.048 0.017 0.087 0.129 0.175
30 -0.386 -0.320 -0.245 -0.174 -0.106 -0.043 0.015 0.066
29 -0.409 -0.328 -0.252 -0.177 -0.102 -0.036 0.000 0.051
28 -0.595 -0.519 -0.451 -0.383 -0.316 -0.251 -0.190 -0.132
27 -0.655 -0.582 -0.512 -0.444 -0.376 -0.310 -0.250 -0.192
26 -0.713 -0.658 -0.601 -0.541 -0.480 -0.419 -0.358 -0.300
25 -0.759 -0.698 -0.643 -0.582 -0.521 -0.460 -0.400 -0.340
24 -0.787 -0.743 -0.696 -0.644 -0.590 -0.535 -0.479 -0.422
23 -0.813 -0.773 -0.730 -0.682 -0.632 -0.579 -0.525 -0.471
22 -0.832 -0.800 -0.760 -0.717 -0.670 -0.621 -0.578 -0.518
21 -0.854 -0.823 -0.788 -0.749 -0.706 -0.660 -0.612 -0.562
20 -0.870 -0.843 -0.812 -0.771 -0.726 -0.686 -0.651 -0.612
19 -0.883 -0.861 -0.834 -0.802 -0.767 -0.729 -0.687 -0.643
18 -0.903 -0.887 -0.868 -0.844 -0.816 -0.785 -0.750 -0.712
17 -0.909 -0.897 -0.881 -0.861 -0.837 -0.809 -0.778 -0.743
16 -0.915 -0.902 -0.882 -0.854 -0.830 -0.802 -0.771 -0.737
15 -0.918 -0.911 -0.901 -0.887 -0.870 -0.848 -0.824 -0.795
14 -0.921 -0.916 -0.908 -0.894 -0.882 -0.864 -0.845 -0.818
13 -0.923 -0.920 -0.914 -0.905 -0.893 -0.878 -0.859 -0.837
12 -0.924 -0.925 -0.918 -0.910 -0.898 -0.886 -0.868 -0.846
11 -0.926 -0.926 -0.920 -0.912 -0.901 -0.886 -0.868 -0.846
10 -0.927 -0.927 -0.921 -0.913 -0.902 -0.886 -0.868 -0.846
9 -0.924 -0.927 -0.929 -0.928 -0.925 -0.920 -0.911 -0.900
8 -0.924 -0.928 -0.928 -0.928 -0.925 -0.920 -0.911 -0.900
7 -0.924 -0.928 -0.931 -0.932 -0.931 -0.927 -0.922 -0.913
6 -0.924 -0.928 -0.931 -0.933 -0.932 -0.927 -0.921 -0.917
5 -0.924 -0.928 -0.931 -0.933 -0.933 -0.927 -0.921 -0.917
4 -0.923 -0.928 -0.932 -0.934 -0.934 -0.929 -0.924 -0.924
3 -0.923 -0.928 -0.932 -0.934 -0.934 -0.929 -0.924 -0.924
x displ. (multiply values below by 10^-4)
J 97 98 99 100 101 102 103 104
100 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
99 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
98 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
97 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
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35 0.633 0.623 0.607 0.587 0.563 0.539 0.505 0.472
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30 0.111 0.150 0.182 0.207 0.226 0.238 0.245 0.247
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9 -0.863 -0.842 -0.817 -0.789 -0.758 -0.724 -0.686 -0.647
8 -0.878 -0.857 -0.834 -0.808 -0.777 -0.746 -0.711 -0.672
7 -0.886 -0.869 -0.849 -0.825 -0.797 -0.766 -0.732 -0.695
6 -0.885 -0.861 -0.841 -0.818 -0.793 -0.761 -0.724 -0.686
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4 -0.898 -0.878 -0.858 -0.834 -0.809 -0.776 -0.744 -0.704
3 -0.905 -0.884 -0.864 -0.840 -0.815 -0.782 -0.750 -0.710
2 -0.914 -0.902 -0.888 -0.869 -0.848 -0.822 -0.793 -0.760
1 -0.915 -0.903 -0.889 -0.871 -0.854 -0.824 -0.795 -0.762
x displ. (multiply values below by 10^-4)
J 105 106 107 108 109 110 111 112
100 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
99 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
98 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
97 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
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86 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
85 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
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```


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89	-0.903	-0.843	-0.785	-0.724	-0.670	-0.622	-0.581	-0.548	23	0.247	0.248	0.253	0.260	0.270	0.283	0.298	0.314	95	-0.815	-0.807	-0.790	-0.782	-0.768	-0.753	-0.735	-0.716	
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87	-0.938	-0.851	-0.767	-0.688	-0.613	-0.540	-0.473	-0.424	21	0.250	0.252	0.256	0.263	0.272	0.283	0.296	0.310	93	-0.823	-0.815	-0.798	-0.790	-0.776	-0.760	-0.744	-0.729	
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85	-0.951	-0.839	-0.734	-0.647	-0.501	-0.437	-0.389	-0.369	19	0.250	0.251	0.255	0.260	0.268	0.276	0.286	0.298	91	-0.833	-0.825	-0.808	-0.800	-0.786	-0.770	-0.753	-0.734	
84	-0.962	-0.851	-0.730	-0.617	-0.450	-0.385	-0.337	-0.317	18	0.245	0.247	0.250	0.254	0.260	0.266	0.274	0.282	90	-0.837	-0.829	-0.812	-0.804	-0.790	-0.774	-0.757	-0.742	
83	-0.961	-0.832	-0.704	-0.567	-0.410	-0.341	-0.289	-0.265	17	0.241	0.243	0.245	0.248	0.254	0.260	0.266	0.273	89	-0.841	-0.833	-0.816	-0.808	-0.794	-0.778	-0.761	-0.746	
82	-0.962	-0.821	-0.685	-0.573	-0.420	-0.348	-0.293	-0.269	16	0.241	0.243	0.245	0.248	0.254	0.260	0.266	0.273	88	-0.845	-0.837	-0.820	-0.812	-0.798	-0.782	-0.765	-0.750	
81	-0.979	-0.805	-0.660	-0.545	-0.405	-0.327	-0.273	-0.251	15	0.229	0.230	0.232	0.235	0.239	0.242	0.247	0.251	87	-0.849	-0.841	-0.824	-0.816	-0.802	-0.786	-0.769	-0.754	
80	-0.971	-0.779	-0.628	-0.538	-0.420	-0.338	-0.278	-0.254	14	0.229	0.230	0.232	0.235	0.239	0.242	0.247	0.251	86	-0.853	-0.845	-0.828	-0.820	-0.806	-0.790	-0.773	-0.758	
79	-1.022	-0.737	-0.577	-0.461	-0.379	-0.320	-0.279	-0.249	13	0.211	0.212	0.214	0.216	0.218	0.221	0.223	0.226	85	-0.857	-0.849	-0.832	-0.824	-0.810	-0.794	-0.777	-0.762	
78	-0.989	-0.670	-0.508	-0.403	-0.323	-0.268	-0.234	-0.208	12	0.174	0.175	0.176	0.178	0.180	0.181	0.182	0.183	84	-0.861	-0.853	-0.836	-0.828	-0.814	-0.798	-0.781	-0.766	
77	-0.970	-0.558	-0.417	-0.334	-0.280	-0.243	-0.217	-0.198	11	0.188	0.189	0.190	0.191	0.193	0.194	0.196	0.198	83	-0.865	-0.857	-0.840	-0.832	-0.818	-0.802	-0.785	-0.770	
76	-0.918	-0.370	-0.306	-0.250	-0.225	-0.203	-0.186	-0.173	10	0.174	0.175	0.176	0.178	0.180	0.181	0.182	0.183	82	-0.869	-0.861	-0.844	-0.836	-0.822	-0.806	-0.789	-0.774	
75	-0.298	-0.186	-0.176	-0.175	-0.184	-0.196	-0.198	-0.149	9	0.160	0.161	0.162	0.163	0.164	0.165	0.166	0.168	81	-0.873	-0.865	-0.848	-0.840	-0.826	-0.810	-0.793	-0.778	
74	0.042	0.030	-0.060	-0.101	-0.119	-0.125	-0.126	-0.124	8	0.144	0.144	0.145	0.146	0.146	0.147	0.148	0.148	80	-0.877	-0.869	-0.852	-0.844	-0.830	-0.814	-0.797	-0.782	
73	0.388	0.162	0.03	0.037	-0.071	-0.388	-0.008	-0.037	7	0.127	0.127	0.128	0.128	0.129	0.130	0.130	0.130	79	-0.881	-0.873	-0.856	-0.848	-0.834	-0.818	-0.801	-0.786	
72	0.432	0.228	0.09	0.019	-0.025	-0.051	-0.004	-0.070	6	0.108	0.109	0.109	0.110	0.110	0.111	0.111	0.111	78	-0.885	-0.877	-0.860	-0.852	-0.838	-0.822	-0.805	-0.790	
71	0.447	0.275	0.152	0.071	0.019	-0.013	-0.051	-0.040	5	0.089	0.089	0.090	0.090	0.091	0.091	0.091	0.091	77	-0.889	-0.881	-0.864	-0.856	-0.842	-0.826	-0.809	-0.794	
70	0.450	0.308	0.197	0.116	0.061	0.025	0.003	-0.009	4	0.069	0.069	0.069	0.069	0.070	0.070	0.070	0.070	76	-0.893	-0.885	-0.868	-0.860	-0.846	-0.830	-0.813	-0.798	
69	0.442	0.352	0.269	0.233	0.188	0.153	0.128	0.112	3	0.047	0.047	0.047	0.047	0.048	0.048	0.047	0.047	75	-0.897	-0.889	-0.872	-0.864	-0.850	-0.834	-0.817	-0.802	
68	0.441	0.343	0.257	0.187	0.134	0.096	0.069	0.054	2	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	74	-0.901	-0.893	-0.876	-0.868	-0.854	-0.838	-0.821	-0.806	
67	0.432	0.350	0.276	0.213	0.164	0.126	0.100	0.084	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	73	-0.905	-0.897	-0.880	-0.872	-0.858	-0.842	-0.825	-0.810	
66	0.422	0.352	0.289	0.233	0.188	0.153	0.128	0.112											72	-0.909	-0.901	-0.884	-0.876	-0.862	-0.846	-0.829	-0.814
65	0.410	0.352	0.297	0.249	0.209	0.177	0.153	0.138											71	-0.913	-0.905	-0.888	-0.880	-0.866	-0.850	-0.833	-0.818
64	0.399	0.340	0.303	0.261	0.225	0.198	0.175	0.161											70	-0.917	-0.909	-0.892	-0.884	-0.870	-0.854	-0.837	-0.822
63	0.387	0.345	0.300	0.270	0.238	0.213	0.194	0.181											69	-0.921	-0.913	-0.896	-0.888	-0.874	-0.858	-0.841	-0.826
62	0.375	0.340	0.300	0.276	0.249	0.228	0.210	0.199											68	-0.925	-0.917	-0.899	-0.891	-0.877	-0.861	-0.844	-0.829
61	0.363	0.334	0.306	0.279	0.256	0.237	0.223	0.213											67	-0.929	-0.921	-0.903	-0.895	-0.881	-0.865	-0.848	-0.833
60	0.352	0.328	0.304	0.281	0.262	0.245	0.233	0.225											66	-0.933	-0.925	-0.907	-0.899	-0.885	-0.869	-0.852	-0.837
59	0.341	0.321	0.301	0.282	0.265	0.251	0.241	0.234											65	-0.937	-0.929	-0.911	-0.903	-0.889	-0.873	-0.856	-0.841
58	0.330	0.313	0.297	0.281	0.267	0.255	0.247	0.241											64	-0.941	-0.933	-0.915	-0.907	-0.893	-0.877	-0.860	-0.845
57	0.322	0.305	0.293	0.277	0.265	0.253	0.245	0.239											63	-0.945	-0.937	-0.919	-0.911	-0.897	-0.881	-0.864	-0.849
56	0.314	0.302	0.289	0.277	0.267	0.256	0.252	0.248											62	-0.949	-0.941	-0.923	-0.915	-0.901	-0.885	-0.868	-0.853
55	0.298	0.294	0.283	0.274	0.269	0.264	0.260	0.256											61	-0.953	-0.945	-0.927	-0.919	-0.905	-0.889	-0.872	-0.857
54	0.297	0.288	0.279	0.271	0.263	0.257	0.253	0.250											60	-0.957	-0.949	-0.931	-0.923	-0.909	-0.893	-0.876	-0.861
53	0.288	0.285	0.273	0.266	0.260	0.255	0.252	0.250											59	-0.961	-0.953	-0.935	-0.927	-0.913	-0.897	-0.880	-0.865
52	0.278	0.271	0.259	0.251	0.244	0.239	0.236	0.234											58	-0.965	-0.957	-0.939	-0.931	-0.917	-0.901	-0.884	-0.869
51	0.268	0.263	0.259	0.255	0.251	0.248	0.246	0.245											57	-0.969	-0.961	-0.943	-0.935	-0.921	-0.905	-0.888	-0.873
50	0.258	0.254	0.254	0.251	0.247	0.244	0.242	0.241											56	-0.973	-0.965	-0.947	-0.939	-0.925	-0.909	-0.892	-0.877
49	0.247	0.244	0.242	0.239	0.237	0.236	0.235	0.235											55	-0.977	-0.969	-0.951	-0.943	-0.929	-0.913	-0.896	-0.881
48	0.236	0.233	0.232	0.229	0.228	0.228	0.228	0.228											54	-0.981	-0.973	-0.955	-0.947	-0.933	-0.917	-0.900	-0.885
47	0.224	0.221	0.222	0.221	0.220	0.219	0.219	0.219											53	-0.985	-0.977	-0.959	-0.951	-0.937	-0.921	-0.904	-0.889
46	0.213	0.213	0.210	0.210	0.209	0.209	0.209	0.209											52	-0.989	-0.981	-0.963	-0.955	-0.941	-0.925	-0.908	-0.893
45	0.198	0.198	0.198	0.198	0.198	0.198	0.198	0.198											51	-0.993	-0.985	-0.967	-0.959	-0.945	-0.929	-0.912	-0.897
44	0.184	0.184	0.185	0.185	0.185	0.185	0.185	0.185											50	-0.997	-0.989	-0.971	-0.963	-0.949	-0.933	-0.916	-0.901
43	0.170	0.170	0.171	0.171	0.172	0.173	0.173	0.173											49	-1.001	-0.993	-0.975	-0.967	-0.953	-0.937	-0.920	-0.905
42	0.154	0.155	0.156	0.156	0.157	0.157	0.158	0.159											48	-1.005	-0.997	-0.979	-0.971	-0.957	-0.941	-0.924	-0.909
41	0.138	0.139	0.140	0.140	0.142	0.142	0.143	0.143											47	-1.009	-1.001	-0.983	-0.975	-0.961	-0.945	-0.928	-0.913
40	0.121	0.122	0.123	0.124	0.124	0.125	0.125	0.126											46	-1.013	-1.005	-0.987	-0.979	-0.965	-0.949	-0.932	-0.917
39	0.104	0.105	0.106	0.107	0.107	0.108																					

63	-0.827	-0.768	-0.747	-0.705	-0.662	-0.619	-0.576	-0.535	
62	-0.845	-0.802	-0.757	-0.711	-0.668	-0.625	-0.582	-0.527	
61	-0.866	-0.807	-0.768	-0.718	-0.669	-0.621	-0.568	-0.524	
60	-0.885	-0.848	-0.774	-0.718	-0.665	-0.613	-0.566	-0.519	
59	-0.894	-0.835	-0.777	-0.719	-0.663	-0.610	-0.560	-0.513	
58	-0.903	-0.842	-0.781	-0.721	-0.662	-0.609	-0.557	-0.509	
57	-0.914	-0.849	-0.783	-0.719	-0.658	-0.600	-0.547	-0.498	
56	-0.926	-0.855	-0.786	-0.716	-0.658	-0.593	-0.538	-0.488	
55	-0.935	-0.859	-0.784	-0.715	-0.654	-0.587	-0.529	-0.478	
54	-0.945	-0.861	-0.790	-0.703	-0.653	-0.586	-0.512	-0.461	
53	-0.952	-0.860	-0.777	-0.691	-0.648	-0.582	-0.485	-0.444	
52	-0.956	-0.854	-0.759	-0.674	-0.598	-0.532	-0.474	-0.424	
51	-0.957	-0.843	-0.741	-0.651	-0.573	-0.507	-0.450	-0.402	
50	-0.948	-0.824	-0.715	-0.622	-0.543	-0.478	-0.423	-0.378	
49	-0.935	-0.798	-0.681	-0.586	-0.508	-0.445	-0.394	-0.352	
48	-0.914	-0.789	-0.659	-0.543	-0.469	-0.409	-0.362	-0.324	
47	-0.883	-0.714	-0.587	-0.494	-0.424	-0.371	-0.320	-0.297	
46	-0.831	-0.631	-0.525	-0.437	-0.376	-0.331	-0.287	-0.270	
45	-0.744	-0.568	-0.450	-0.375	-0.326	-0.291	-0.265	-0.244	
44	-0.630	-0.458	-0.358	-0.275	-0.232	-0.204	-0.182	-0.163	
43	-0.395	-0.312	-0.263	-0.240	-0.226	-0.215	-0.206	-0.197	
42	-0.112	-0.137	-0.163	-0.174	-0.179	-0.180	-0.179	-0.179	
41	0.152	0.008	-0.072	-0.113	-0.134	-0.146	-0.152	-0.155	
40	0.297	0.110	0.005	-0.056	-0.091	-0.116	-0.126	-0.134	
39	0.362	0.194	0.070	-0.032	-0.049	-0.079	-0.089	-0.112	
38	0.410	0.244	0.127	0.047	-0.008	-0.045	-0.071	-0.089	
37	0.459	0.269	0.176	0.082	0.032	-0.011	-0.044	-0.065	
36	0.454	0.322	0.215	0.131	0.068	0.021	-0.014	-0.041	
35	0.459	0.343	0.244	0.164	0.100	0.051	0.012	-0.017	
34	0.457	0.355	0.266	0.190	0.127	0.077	0.037	0.005	
33	0.450	0.361	0.280	0.210	0.150	0.100	0.059	0.026	
32	0.450	0.381	0.289	0.224	0.167	0.119	0.075	0.045	
31	0.426	0.358	0.283	0.234	0.181	0.134	0.095	0.061	
30	0.413	0.344	0.264	0.240	0.194	0.147	0.106	0.075	
29	0.397	0.343	0.262	0.242	0.197	0.156	0.119	0.087	
28	0.385	0.324	0.244	0.240	0.197	0.153	0.119	0.087	
27	0.365	0.323	0.281	0.241	0.203	0.167	0.135	0.105	
26	0.346	0.312	0.274	0.238	0.203	0.176	0.138	0.111	
25	0.323	0.300	0.201	0.237	0.211	0.177	0.142	0.116	
24	0.322	0.291	0.260	0.230	0.200	0.171	0.144	0.119	
23	0.310	0.282	0.253	0.223	0.197	0.170	0.144	0.119	
22	0.298	0.272	0.246	0.220	0.194	0.168	0.144	0.122	
21	0.285	0.262	0.238	0.216	0.188	0.162	0.138	0.116	
20	0.273	0.251	0.229	0.207	0.185	0.163	0.142	0.122	
19	0.260	0.240	0.223	0.201	0.180	0.160	0.140	0.120	
18	0.247	0.229	0.211	0.192	0.174	0.155	0.137	0.120	
17	0.234	0.218	0.201	0.184	0.167	0.150	0.134	0.118	
16	0.223	0.206	0.190	0.173	0.156	0.140	0.123	0.115	
15	0.207	0.194	0.181	0.167	0.153	0.139	0.125	0.111	
14	0.194	0.182	0.169	0.156	0.142	0.128	0.114	0.107	
13	0.180	0.170	0.159	0.148	0.136	0.125	0.113	0.102	
12	0.168	0.158	0.146	0.136	0.125	0.113	0.102	0.091	
11	0.155	0.145	0.136	0.127	0.118	0.109	0.100	0.091	
10	0.139	0.132	0.124	0.116	0.108	0.100	0.092	0.084	
9	0.126	0.118	0.110	0.102	0.094	0.086	0.078	0.070	
8	0.111	0.105	0.099	0.094	0.088	0.081	0.075	0.069	
7	0.084	0.078	0.073	0.068	0.063	0.058	0.053	0.048	
6	0.081	0.077	0.073	0.069	0.065	0.061	0.057	0.052	
5	0.068	0.063	0.059	0.055	0.051	0.047	0.043	0.039	
4	0.051	0.048	0.046	0.043	0.041	0.038	0.036	0.033	
3	0.034	0.033	0.031	0.030	0.028	0.026	0.024	0.023	
2	0.019	0.019	0.018	0.017	0.016	0.015	0.014	0.013	
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

y disp.:

(multiply values below by 10⁻³)

1	97	98	99	100	101	102	103	104	
30	0.047	0.039	0.012	-0.004	-0.017	-0.029	-0.040	-0.048	
29	0.060	0.041	0.024	0.008	-0.006	-0.019	-0.030	-0.040	
28	0.070	0.052	0.034	0.018	0.004	-0.009	-0.021	-0.031	
27	0.078	0.048	0.031	0.028	0.013	0.014	0.023	0.030	
26	0.088	0.069	0.052	0.036	0.021	0.008	-0.005	-0.016	
25	0.092	0.073	0.059	0.043	0.029	0.015	0.009	0.004	
24	0.095	0.079	0.063	0.048	0.033	0.020	0.007	0.004	
23	0.098	0.083	0.067	0.050	0.038	0.025	0.010	0.001	
22	0.101	0.086	0.070	0.052	0.040	0.027	0.017	0.005	
21	0.102	0.088	0.074	0.060	0.046	0.033	0.021	0.010	
20	0.102	0.092	0.078	0.062	0.048	0.032	0.025	0.014	
19	0.104	0.091	0.078	0.065	0.052	0.040	0.029	0.017	
18	0.103	0.091	0.078	0.067	0.054	0.043	0.032	0.021	
17	0.102	0.091	0.078	0.068	0.056	0.045	0.034	0.024	
16	0.098	0.088	0.078	0.068	0.057	0.047	0.037	0.027	
15	0.098	0.088	0.078	0.068	0.058	0.048	0.038	0.029	
14	0.095	0.088	0.078	0.067	0.058	0.048	0.038	0.030	
13	0.091	0.083	0.074	0.068	0.057	0.048	0.039	0.031	
12	0.087	0.079	0.071	0.064	0.056	0.048	0.040	0.032	
11	0.082	0.075	0.068	0.061	0.054	0.046	0.039	0.032	
10	0.078	0.070	0.064	0.057	0.051	0.044	0.038	0.031	
9	0.070	0.065	0.059	0.053	0.047	0.042	0.036	0.030	
8	0.063	0.058	0.054	0.049	0.044	0.038	0.033	0.028	
7	0.056	0.052	0.048	0.043	0.039	0.034	0.030	0.025	
6	0.048	0.044	0.041	0.037	0.034	0.030	0.026	0.022	
5	0.039	0.037	0.034	0.031	0.028	0.025	0.022	0.019	
4	0.030	0.028	0.026	0.024	0.022	0.020	0.017	0.015	
3	0.021	0.019	0.018	0.017	0.015	0.013	0.012	0.010	
2	0.011	0.010	0.009	0.009	0.008	0.007	0.006	0.005	
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

y disp.:

(multiply values below by 10⁻³)

1	97	98	99	100	101	102	103	104	
30	0.047	0.039	0.012	-0.004	-0.017	-0.029	-0.040	-0.048	
29	0.060	0.041	0.024	0.008	-0.006	-0.019	-0.030	-0.040	
28	0.070	0.052	0.034	0.018	0.004	-0.009	-0.021	-0.031	
27	0.078	0.048	0.031	0.028	0.013	0.014	0.023	0.030	
26	0.088	0.069	0.052	0.036	0.021	0.008	-0.005	-0.016	
25	0.092	0.073	0.059	0.043	0.029	0.015	0.009	0.004	
24	0.095	0.079	0.063	0.048	0.033	0.020	0.007	0.004	
23	0.098	0.083	0.067	0.050	0.038	0.025	0.010	0.001	
22	0.101	0.086	0.070	0.052	0.040	0.027	0.017	0.005	
21	0.102	0.088	0.074	0.060	0.046	0.033	0.021	0.010	
20	0.102	0.092	0.078	0.062	0.048	0.032	0.025	0.014	
19	0.104	0.091	0.078	0.065	0.052	0.040	0.029	0.017	
18	0.103	0.091	0.078	0.067	0.054	0.043	0.032	0.021	
17	0.102	0.091	0.078	0.068	0.056	0.045	0.034	0.024	
16	0.098	0.088	0.078	0.068	0.057	0.047	0.037	0.027	
15	0.098	0.088	0.078	0.068	0.058	0.048	0.038	0.029	
14	0.095	0.088	0.078	0.067	0.058	0.048	0.038	0.030	
13	0.091	0.083	0.074	0.068	0.057	0.048	0.039	0.031	
12	0.087	0.079	0.071	0.064	0.056	0.048	0.040	0.032	
11	0.082	0.075	0.068	0.061	0.054	0.046	0.039	0.032	
10	0.078	0.070	0.064	0.057	0.051	0.044	0.038	0.031	
9	0.070	0.065	0.059	0.053	0.047	0.042	0.036	0.030	
8	0.063	0.058	0.054	0.049	0.044	0.038	0.033	0.028	
7	0.056	0.052	0.048	0.043	0.039	0.034	0.030	0.025	
6	0.048	0.044	0.041	0.037	0.034	0.030	0.026	0.022	
5	0.039	0.037	0.034	0.031	0.028	0.025	0.022	0.019	
4	0.030	0.028	0.026	0.024	0.022	0.020	0.017	0.015	
3	0.021	0.019	0.018	0.017	0.015	0.013	0.012	0.010	
2	0.011	0.010	0.009	0.009	0.008	0.007	0.006	0.005	
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

y disp.:

(multiply values below by 10⁻³)

1	97	98	99	100	101	102	103	104	
30	0.047	0.039	0.012	-0.004	-0.017	-0.029	-0.040	-0.048	
29	0.060	0.041	0.024</						

[illegible]

x displ. (multiply values below by 10^{-4})

x displ. (multiply values below by 10^{-4})

```
>set log off
+ log file recording stopped 21-Dec-15 11:04
```

```
>set log off
+ log file recording stopped 21-Dec-15 11:04
```

■ 변위(ko-2.0)

* FLAC log-file opened 31-Dec-15 11:06

From File : 13.sav
2nd log on
* log-file recording re-started 31-Dec-15 11:06

From File : 13.sav
2nd log on
* log-file recording re-started 31-Dec-15 11:06

y displ. (multiply values below by 10⁻³)

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

25 26 27 28 29 30 31 32

33 34 35 36 37 38 39 40

41 42 43 44 45 46 47 48

49 50 51 52 53 54 55 56

57 58 59 60 61 62 63 64

65 66 67 68 69 70 71 72

73 74 75 76 77 78 79 80

81 82 83 84 85 86 87 88

89 90 91 92 93 94 95 96

97 98 99 100

101 102 103 104 105 106 107 108

109 110 111 112 113 114 115 116

117 118 119 120 121 122 123 124

125 126 127 128 129 130 131 132

133 134 135 136 137 138 139 140

141 142 143 144 145 146 147 148

149 150 151 152 153 154 155 156

157 158 159 160 161 162 163 164

165 166 167 168 169 170 171 172

173 174 175 176 177 178 179 180

181 182 183 184 185 186 187 188

189 190 191 192 193 194 195 196

197 198 199 200 201 202 203 204

205 206 207 208 209 210 211 212

213 214 215 216 217 218 219 220

221 222 223 224 225 226 227 228

229 230 231 232 233 234 235 236

237 238 239 240 241 242 243 244

245 246 247 248 249 250 251 252

253 254 255 256 257 258 259 260

261 262 263 264 265 266 267 268

269 270 271 272 273 274 275 276

277 278 279 280 281 282 283 284

285 286 287 288 289 290 291 292

85 86 87 88 89 90 91 92

93 94 95 96 97 98 99 100

101 102 103 104 105 106 107 108

109 110 111 112 113 114 115 116

117 118 119 120 121 122 123 124

125 126 127 128 129 130 131 132

133 134 135 136 137 138 139 140

141 142 143 144 145 146 147 148

149 150 151 152 153 154 155 156

157 158 159 160 161 162 163 164

165 166 167 168 169 170 171 172

173 174 175 176 177 178 179 180

181 182 183 184 185 186 187 188

189 190 191 192 193 194 195 196

197 198 199 200 201 202 203 204

205 206 207 208 209 210 211 212

213 214 215 216 217 218 219 220

221 222 223 224 225 226 227 228

229 230 231 232 233 234 235 236

237 238 239 240 241 242 243 244

245 246 247 248 249 250 251 252

253 254 255 256 257 258 259 260

261 262 263 264 265 266 267 268

269 270 271 272 273 274 275 276

277 278 279 280 281 282 283 284

285 286 287 288 289 290 291 292

293 294 295 296 297 298 299 300

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765 766 767 768 769 770 771 772

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997 998 999 1000

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1009 1010 1011 1012 1013 1014 1015 1016

1017 1018 1019 1020 1021 1022 1023 1024

1025 1026 1027 1028 1029 1030 1031 1032

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1105 1106 1107 1108 1109 1110 1111 1112

1113 1114 1115 1116 1117 1118 1119 1120

1121 1122 1123 1124 1125 1126 1127 1128

1129 1130 1131 1132 1133 1134 1135 1136

1137 1138 1139 1140 1141 1142 1143 1144

1145 1146 1147 1148 1149 1150 1151 1152

1153 1154 1155 1156 1157 1158 1159 1160

1161 1162 1163 1164 1165 1166 1167 1168

1169 1170 1171 1172 1173 1174 1175 1176

1177 1178 1179 1180 1181 1182 1183 1184

1185 1186 1187 1188 1189 1190 1191 1192

1193 1194 1195 1196 1197 1198 1199 1200

1201 1202 1203 1204 1205 1206 1207 1208

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[illegible]

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-0.093
-0.086
-0.079
-0.073
-0.066
-0.061
-0.055
-0.050
-0.046
-0.042
-0.038

-0.035
-0.032
-0.029

-0.420
-0.473
-0.464

-0.456
-0.452
-0.448

-0.445
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-0.452
-0.458
-0.466
-0.475
-0.486
-0.499
-0.514
-0.530
-0.549
-0.574
-0.570
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-0.579
-0.589
-0.600
-0.612
-0.624
-0.635
-0.645
-0.651

-0.633
-0.649
-0.638

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-0.595
-0.594
-0.530
-0.495
-0.461
-0.429
-0.399
-0.372
-0.349
-0.327
-0.308
-0.290
-0.273
-0.257
-0.243
-0.229
-0.216
-0.203
-0.192
-0.183
-0.175
-0.166
-0.158
-0.149
-0.141
-0.132
-0.124
-0.116
-0.108

-0.101
-0.093

-0.096
-0.080
-0.073
-0.068
-0.062
-0.056
-0.053
-0.050
-0.047
-0.046
-0.043
-0.043

56	-0.471	-0.456	-0.440	-0.423	-0.406	-0.388	-0.369	-0.350
57	-0.467	-0.451	-0.435	-0.418	-0.400	-0.382	-0.363	-0.344
58	-0.463	-0.446	-0.430	-0.412	-0.394	-0.375	-0.356	-0.337
59	-0.460	-0.442	-0.425	-0.406	-0.388	-0.369	-0.350	-0.330
60	-0.456	-0.438	-0.419	-0.401	-0.382	-0.362	-0.343	-0.323
61	-0.452	-0.433	-0.414	-0.394	-0.375	-0.356	-0.336	-0.316
62	-0.448	-0.428	-0.409	-0.389	-0.369	-0.350	-0.330	-0.310
63	-0.444	-0.424	-0.404	-0.384	-0.364	-0.342	-0.322	-0.302
64	-0.439	-0.419	-0.399	-0.379	-0.358	-0.338	-0.317	-0.296
65	-0.435	-0.414	-0.394	-0.374	-0.354	-0.334	-0.313	-0.292
66	-0.430	-0.409	-0.389	-0.368	-0.348	-0.327	-0.307	-0.286
67	-0.419	-0.398	-0.378	-0.358	-0.338	-0.319	-0.299	-0.280
68	-0.415	-0.394	-0.374	-0.353	-0.333	-0.313	-0.293	-0.273
69	-0.399	-0.379	-0.359	-0.340	-0.320	-0.302	-0.283	-0.263
70	-0.388	-0.368	-0.348	-0.328	-0.311	-0.293	-0.274	-0.254
71	-0.375	-0.356	-0.336	-0.319	-0.302	-0.284	-0.266	-0.249
72	-0.362	-0.344	-0.326	-0.309	-0.292	-0.275	-0.258	-0.240
73	-0.349	-0.331	-0.315	-0.298	-0.282	-0.265	-0.249	-0.231
74	-0.335	-0.319	-0.303	-0.287	-0.272	-0.256	-0.241	-0.225
75	-0.320	-0.305	-0.291	-0.275	-0.260	-0.245	-0.230	-0.215
76	-0.303	-0.290	-0.276	-0.262	-0.248	-0.234	-0.220	-0.206
77	-0.286	-0.274	-0.261	-0.248	-0.235	-0.222	-0.209	-0.196
78	-0.270	-0.258	-0.246	-0.234	-0.222	-0.210	-0.197	-0.184
79	-0.254	-0.242	-0.231	-0.220	-0.209	-0.197	-0.185	-0.173
80	-0.238	-0.226	-0.214	-0.204	-0.193	-0.182	-0.171	-0.160
81	-0.224	-0.214	-0.204	-0.194	-0.184	-0.174	-0.164	-0.154
82	-0.211	-0.203	-0.194	-0.185	-0.176	-0.167	-0.158	-0.149
83	-0.197	-0.190	-0.182	-0.174	-0.166	-0.158	-0.150	-0.142
84	-0.183	-0.176	-0.169	-0.162	-0.155	-0.148	-0.141	-0.134
85	-0.170	-0.163	-0.156	-0.150	-0.143	-0.136	-0.130	-0.123
86	-0.157	-0.150	-0.144	-0.138	-0.132	-0.126	-0.120	-0.114
87	-0.144	-0.138	-0.132	-0.126	-0.120	-0.114	-0.108	-0.102
88	-0.132	-0.126	-0.120	-0.114	-0.108	-0.102	-0.096	-0.090
89	-0.120	-0.114	-0.108	-0.102	-0.096	-0.090	-0.084	-0.078
90	-0.108	-0.102	-0.096	-0.090	-0.084	-0.078	-0.072	-0.066
91	-0.097	-0.091	-0.085	-0.079	-0.073	-0.067	-0.061	-0.055
92	-0.087	-0.081	-0.075	-0.069	-0.063	-0.057	-0.051	-0.045
93	-0.077	-0.071	-0.065	-0.059	-0.053	-0.047	-0.041	-0.035
94	-0.067	-0.061	-0.055	-0.049	-0.043	-0.037	-0.031	-0.025
95	-0.057	-0.051	-0.045	-0.039	-0.033	-0.027	-0.021	-0.015
96	-0.047	-0.041	-0.035	-0.029	-0.023	-0.017	-0.011	-0.005
97	-0.037	-0.031	-0.025	-0.019	-0.013	-0.007	-0.001	0.000
98	-0.027	-0.021	-0.015	-0.009	-0.003	-0.000	-0.000	-0.000
99	-0.017	-0.011	-0.005	-0.000	-0.000	-0.000	-0.000	-0.000

[illegible]

96	-0.090	-0.082	-0.073	-0.064	-0.054
97	-0.088	-0.080	-0.071	-0.062	-0.053
98	-0.085	-0.077	-0.069	-0.060	-0.051
99	-0.082	-0.075	-0.067	-0.058	-0.050
99	-0.079	-0.072	-0.064	-0.056	-0.048
98	-0.076	-0.069	-0.062	-0.054	-0.046
80	-0.074	-0.067	-0.060	-0.052	-0.045
77	-0.071	-0.064	-0.057	-0.050	-0.043
73	-0.068	-0.062	-0.055	-0.048	-0.041
70	-0.065	-0.059	-0.053	-0.046	-0.040
67	-0.062	-0.056	-0.051	-0.044	-0.038
64	-0.059	-0.054	-0.048	-0.043	-0.036
61	-0.056	-0.051	-0.046	-0.041	-0.035
58	-0.054	-0.049	-0.044	-0.039	-0.033
55	-0.051	-0.047	-0.042	-0.037	-0.032
52	-0.048	-0.044	-0.040	-0.035	-0.030
50	-0.046	-0.042	-0.038	-0.034	-0.029
47	-0.044	-0.040	-0.036	-0.032	-0.028
45	-0.042	-0.039	-0.035	-0.031	-0.027
42	-0.040	-0.037	-0.033	-0.030	-0.026
41	-0.039	-0.036	-0.032	-0.029	-0.025
40	-0.038	-0.035	-0.031	-0.028	-0.024
39	-0.037	-0.034	-0.031	-0.027	-0.024
39	-0.037	-0.034	-0.031	-0.027	-0.023

values below by 10^{-4} - 10^{-1}

80	-0.044	0.000
83	-0.043	0.000
82	-0.042	0.000
81	-0.042	0.000
81	-0.041	0.000
80	-0.041	0.000
80	-0.041	0.000
80	-0.041	0.000
80	-0.041	0.000
81	-0.042	0.000
82	-0.042	0.000
83	-0.043	0.000
80	-0.043	0.000
77	-0.040	0.000
73	-0.038	0.000
70	-0.036	0.000
68	-0.035	0.000
65	-0.033	0.000
63	-0.032	0.000
61	-0.031	0.000
58	-0.030	0.000
56	-0.029	0.000
53	-0.028	0.000
51	-0.026	0.000
48	-0.025	0.000
48	-0.024	0.000
46	-0.024	0.000
45	-0.023	0.000
43	-0.022	0.000
42	-0.021	0.000
40	-0.021	0.000
39	-0.020	0.000
38	-0.019	0.000
38	-0.019	0.000
35	-0.018	0.000
34	-0.017	0.000
33	-0.017	0.000
32	-0.016	0.000
31	-0.016	0.000
29	-0.015	0.000
28	-0.015	0.000
27	-0.014	0.000
26	-0.014	0.000
26	-0.013	0.000
25	-0.013	0.000
24	-0.012	0.000
23	-0.012	0.000
23	-0.012	0.000
22	-0.011	0.000
21	-0.011	0.000
20	-0.010	0.000
20	-0.010	0.000
19	-0.010	0.000
18	-0.009	0.000
18	-0.009	0.000
17	-0.009	0.000
16	-0.009	0.000
16	-0.008	0.000
15	-0.008	0.000
14	-0.007	0.000
14	-0.007	0.000
13	-0.007	0.000
13	-0.006	0.000
12	-0.006	0.000
12	-0.006	0.000
11	-0.006	0.000
11	-0.005	0.000
10	-0.005	0.000
10	-0.005	0.000
10	-0.005	0.000

■ 변위(ko-2.5)

* FLAC log-file opened 31-Dec-15 11:07

From File : 13.sav

2nd log on
* log-file recording re-started 31-Dec-15 11:07

From File : 13.sav

2nd ydispl. (multiply values below by 10⁻³)

j	1	2	3	4	5	6	7	8
90								
91								
92								
93								
94								
95								
96								
97								
98								
99								
100								

j	1	2	3	4	5	6	7	8
90								
91								
92								
93								
94								
95								
96								
97								
98								
99								
100								

j	1	2	3	4	5	6	7	8
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97								
98								
99								
100								

j	1	2	3	4	5	6	7	8
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100								

j	1	2	3	4	5	6	7	8
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j	1	2	3	4	5	6	7	8
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j	1	2	3	4	5	6	7	8
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j	1	2	3	4	5	6	7	8
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j	1	2	3	4	5	6	7	8
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j	1	2	3	4	5	6	7	8
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j	1	2	3	4	5	6	7	8
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91	-0.579	-0.609	-0.639	-0.669	-0.699	-0.729	-0.759	-0.789	-0.819	-0.849	-0.879	-0.909	-0.939	-0.969	-0.999	-1.029	-1.059	-1.089	-1.119	-1.149	-1.179	-1.209	-1.239	-1.269	-1.299	-1.329	-1.359	-1.389	-1.419	-1.449	-1.479	-1.509	-1.539	-1.569	-1.599	-1.629	-1.659	-1.689	-1.719	-1.749	-1.779	-1.809	-1.839	-1.869	-1.899	-1.929	-1.959	-1.989	-2.019	-2.049	-2.079	-2.109	-2.139	-2.169	-2.199	-2.229	-2.259	-2.289	-2.319	-2.349	-2.379	-2.409	-2.439	-2.469	-2.499	-2.529	-2.559	-2.589	-2.619	-2.649	-2.679	-2.709	-2.739	-2.769	-2.799	-2.829	-2.859	-2.889	-2.919	-2.949	-2.979	-3.009	-3.039	-3.069	-3.099	-3.129	-3.159	-3.189	-3.219	-3.249	-3.279	-3.309	-3.339	-3.369	-3.399	-3.429	-3.459	-3.489	-3.519	-3.549	-3.579	-3.609	-3.639	-3.669	-3.699	-3.729	-3.759	-3.789	-3.819	-3.849	-3.879	-3.909	-3.939	-3.969	-3.999	-4.029	-4.059	-4.089	-4.119	-4.149	-4.179	-4.209	-4.239	-4.269	-4.299	-4.329	-4.359	-4.389	-4.419	-4.449	-4.479	-4.509	-4.539	-4.569	-4.599	-4.629	-4.659	-4.689	-4.719	-4.749	-4.779	-4.809	-4.839	-4.869	-4.899	-4.929	-4.959	-4.989	-5.019	-5.049	-5.079	-5.109	-5.139	-5.169	-5.199	-5.229	-5.259	-5.289	-5.319	-5.349	-5.379	-5.409	-5.439	-5.469	-5.499	-5.529	-5.559	-5.589	-5.619	-5.649	-5.679	-5.709	-5.739	-5.769	-5.799	-5.829	-5.859	-5.889	-5.919	-5.949	-5.979	-6.009	-6.039	-6.069	-6.099	-6.129	-6.159	-6.189	-6.219	-6.249	-6.279	-6.309	-6.339	-6.369	-6.399	-6.429	-6.459	-6.489	-6.519	-6.549	-6.579	-6.609	-6.639	-6.669	-6.699	-6.729	-6.759	-6.789	-6.819	-6.849	-6.879	-6.909	-6.939	-6.969	-6.999	-7.029	-7.059	-7.089	-7.119	-7.149	-7.179	-7.209	-7.239	-7.269	-7.299	-7.329	-7.359	-7.389	-7.419	-7.449	-7.479	-7.509	-7.539	-7.569	-7.599	-7.629	-7.659	-7.689	-7.719	-7.749	-7.779	-7.809	-7.839	-7.869	-7.899	-7.929	-7.959	-7.989	-8.019	-8.049	-8.079	-8.109	-8.139	-8.169	-8.199	-8.229	-8.259	-8.289	-8.319	-8.349	-8.379	-8.409	-8.439	-8.469	-8.499	-8.529	-8.559	-8.589	-8.619	-8.649	-8.679	-8.709	-8.739	-8.769	-8.799	-8.829	-8.859	-8.889	-8.919	-8.949	-8.979	-9.009	-9.039	-9.069	-9.099	-9.129	-9.159	-9.189	-9.219	-9.249	-9.279	-9.309	-9.339	-9.369	-9.399	-9.429	-9.459	-9.489	-9.519	-9.549	-9.579	-9.609	-9.639	-9.669	-9.699	-9.729	-9.759	-9.789	-9.819	-9.849	-9.879	-9.909	-9.939	-9.969	-9.999	-10.029	-10.059	-10.089	-10.119	-10.149	-10.179	-10.209	-10.239	-10.269	-10.299	-10.329	-10.359	-10.389	-10.419	-10.449	-10.479	-10.509	-10.539	-10.569	-10.599	-10.629	-10.659	-10.689	-10.719	-10.749	-10.779	-10.809	-10.839	-10.869	-10.899	-10.929	-10.959	-10.989	-11.019	-11.049	-11.079	-11.109	-11.139	-11.169	-11.199	-11.229	-11.259	-11.289	-11.319	-11.349	-11.379	-11.409	-11.439	-11.469	-11.499	-11.529	-11.559	-11.589	-11.619	-11.649	-11.679	-11.709	-11.739	-11.769	-11.799	-11.829	-11.859	-11.889	-11.919	-11.949	-11.979	-12.009	-12.039	-12.069	-12.099	-12.129	-12.159	-12.189	-12.219	-12.249	-12.279	-12.309	-12.339	-12.369	-12.399	-12.429	-12.459	-12.489	-12.519	-12.549	-12.579	-12.609	-12.639	-12.669	-12.699	-12.729	-12.759	-12.789	-12.819	-12.849	-12.879	-12.909	-12.939	-12.969	-12.999	-13.029	-13.059	-13.089	-13.119	-13.149	-13.179	-13.209	-13.239	-13.269	-13.299	-13.329	-13.359	-13.389	-13.419	-13.449	-13.479	-13.509	-13.539	-13.569	-13.599	-13.629	-13.659	-13.689	-13.719	-13.749	-13.779	-13.809	-13.839	-13.869	-13.899	-13.929	-13.959	-13.989	-14.019	-14.049	-14.079	-14.109	-14.139	-14.169	-14.199	-14.229	-14.259	-14.289	-14.319	-14.349	-14.379	-14.409	-14.439	-14.469	-14.499	-14.529	-14.559	-14.589	-14.619	-14.649	-14.679	-14.709	-14.739	-14.769	-14.799	-14.829	-14.859	-14.889	-14.919	-14.949	-14.979	-15.009	-15.039	-15.069	-15.099	-15.129	-15.159	-15.189	-15.219	-15.249	-15.279	-15.309	-15.339	-15.369	-15.399	-15.429	-15.459	-15.489	-15.519	-15.549	-15.579	-15.609	-15.639	-15.669	-15.699	-15.729	-15.759	-15.789	-15.819	-15.849	-15.879	-15.909	-15.939	-15.969	-15.999	-16.029	-16.059	-16.089	-16.119	-16.149	-16.179	-16.209	-16.239	-16.269	-16.299	-16.329	-16.359	-16.389	-16.419	-16.449	-16.479	-16.509	-16.539	-16.569	-16.599	-16.629	-16.659	-16.689	-16.719	-16.749	-16.779	-16.809	-16.839	-16.869	-16.899	-16.929	-16.959	-16.989	-17.019	-17.049	-17.079	-17.109	-17.139	-17.169	-17.199	-17.229	-17.259	-17.289	-17.319	-17.349	-17.379	-17.409	-17.439	-17.469	-17.499	-17.529	-17.559	-17.589	-17.619	-17.649	-17.679	-17.709	-17.739	-17.769	-17.799	-17.829	-17.859	-17.889	-17.919	-17.949	-17.979	-18.009	-18.039	-18.069	-18.099	-18.129	-18.159	-18.189	-18.219	-18.249	-18.279	-18.309	-18.339	-18.369	-18.399	-18.429	-18.459	-18.489	-18.519	-18.549	-18.579	-18.609	-18.639	-18.669	-18.699	-18.729	-18.759	-18.789	-18.819	-18.849	-18.879	-18.909	-18.939	-18.969	-18.999	-19.029	-19.059	-19.089	-19.119	-19.149	-19.179	-19.209	-19.239	-19.269	-19.299	-19.329	-19.359	-19.389	-19.419	-19.449	-19.479	-19.509	-19.539	-19.569	-19.599	-19.629	-19.659	-19.689	-19.719	-19.749	-19.779	-19.809	-19.839	-19.869	-19.899	-19.929	-19.959	-19.989	-20.019	-20.049	-20.079	-20.109	-20.139	-20.169	-20.199	-20.229	-20.259	-20.289	-20.319	-20.349	-20.379	-20.409	-20.439	-20.469	-20.499	-20.529	-20.559	-20.589	-20.619	-20.649	-20.679	-20.709	-20.739	-20.769	-20.799	-20.829	-20.859	-20.889	-20.919	-20.949	-20.979	-21.009	-21.039	-21.069	-21.099	-21.129	-21.159	-21.189	-21.219	-21.249	-21.279	-21.309	-21.339	-21.369	-21.399	-21.429	-21.459	-21.489	-21.519	-21.549	-21.579	-21.609	-21.639	-21.669	-21.699	-21.729	-21.759	-21.789	-21.819	-21.849	-21.879	-21.909	-21.939	-21.969	-21.999	-22.029	-22.059	-22.089	-22.119	-22.149	-22.179	-22.209	-22.239	-22.269	-22.299	-22.329	-22.359	-22.389	-22.419	-22.449	-22.479	-22.509	-22.539	-22.569	-22.599	-22.629	-22.659	-22.689	-22.719	-22.749	-22.779	-22.809	-22.839	-22.869	-22.899	-22.929	-22.959	-22.989	-23.019	-23.049	-23.079	-23.109	-23.139	-23.169	-23.199	-23.229	-23.259	-23.289	-23.319	-23.349	-23.379	-23.409	-23.439	-23.469	-23.499	-23.529	-23.559	-23.589	-23.619	-23.649	-23.679	-23.709	-23.739	-23.769	-23.799	-23.829	-23.859	-23.889	-23.919	-23.949	-23.979	-24.009	-24.039	-24.069	-24.099	-24.129	-24.159	-24.189	-24.219	-24.249	-24.279	-24.309	-24.339	-24.369	-24.399	-24.429	-24.459	-24.489	-24.519	-24.549	-24.579	-24.609	-24.639	-24.669	-24.699	-24.729	-24.759	-24.789	-24.819	-24.849	-24.879	-24.909	-24.939	-24.969	-24.999	-25.029	-25.059	-25.089	-25.119	-25.149	-25.179	-25.209	-25.239	-25.269	-25.299	-25.329	-25.359	-25.389	-25.419	-25.449	-25.479	-25.509	-25.539	-25.569	-25.599	-25.629	-25.659	-25.689	-25.719	-25.749	-25.779	-25.809	-25.839	-25.869	-25.899	-25.929	-25.959	-25.989	-26.019	-26.049	-26.079	-26.109	-26.139	-26.169	-26.199	-26.229	-26.259	-26.289	-26.319	-26.349	-26.379	-26.409	-26.439	-26.469	-26.499	-26.529	-26.559	-26.589	-26.619	-26.649	-26.679	-26.709	-26.739	-26.769	-26.799	-26.829	-26.859	-26.889	-26.919	-26.949	-26.979	-27.009	-27.039	-27.069	-27.099	-27.129	-27.159	-27.189	-27.219	-27.249	-27.279	-27.309	-27.339	-27.369	-27.399	-27.429	-27.459	-27.489	-27.519	-27.549	-27.579	-27.609	-27.639	-27.669	-27.699	-27.729	-27.759	-27.789	-27.819	-27.849	-27.879	-27.909	-27.939	-27.969	-27.999	-28.029	-28.059	-28.089	-28.119	-28.149	-28.179	-28.209	-28.239	-28.269	-28.299	-28.329	-28.359	-28.389	-28.419	-28.449	-28.479	-28.509	-28.539	-28.569	-28.599	-28.629	-28.659	-28.689	-28.719	-28.749	-28.779	-28.809	-28.839	-28.869	-28.899	-28.929	-28.959	-28.989	-29.019	-29.049	-29.079	-29.109	-29.139	-29.169	-29.199	-29.229	-29.259	-29.289	-29.319	-29.349	-29.379	-29.409	-29.439	-29.469	-29.499	-29.529	-29.559	-29.589	-29.619	-29.649	-29.679	-29.709	-29.739	-29.769	-29.799	-29.829	-29.859	-29.889	-29.919	-29.949	-29.979	-30.009	-30.039	-30.069	-30.099	-30.129	-30.159	-30.189	-30.219	-30.249	-30.279	-30.309	-30.339	-30.369	-30.399	-30.429	-30.459	-30.489	-30.519	-30.549	-30.579	-30.609	-30.639	-30.669	-30.699	-30.729	-30.759	-30.789	-30.819	-30.849	-30.879	-30.909	-30.939	-30.969	-30.999	-31.029	-31.059	-31.089	-31.119	-31.149	-31.179	-31.209	-31.239	-31.269	-31.299	-31.329	-31.359	-31.389	-31.419	-31.449	-31.479	-31.509	-31.539	-31.569	-31.599	-31.629	-31.659	-31.689	-31.719	-31.749	-31.779	-31.809	-31.839	-31.869	-31.899	-31.929	-31.959	-31.989	-32.019	-32.049	-32.079	-32.109	-32.139	-32.169	-32.199	-32.229	-32.259	-32.289	-32.319	-32.349	-32.379	-32.409	-32.439	-32.469	-32.499	-32.529	-32.559	-32.589	-32.619	-32.649	-32.679	-32.709	-32.739	-32.769	-32.799	-32.829	-32.859	-32.889	-32.919	-32.949	-32.979	-33.009	-33.039	-33.069	-33.099	-33.129	-33.159	-33.189	-33.219	-33.249	-33.279	-33.309	-33.339	-33.369	-33.399	-33.429	-33.459	-33.489	-33.519	-33.549	-33.579	-33.609	-33.639	-33.669	-33.699	-33.729	-33.759	-33.789	-33.819	-33.849	-33.879	-33.909	-33.939	-33.969	-33.999	-34.029	-34.059	-34.089	-34.119	-34.149	-34.179	-34.209	-34.239	-34.269	-34.299	-34.329	-34.359	-34.389	-34.419	-34.449	-34.479	-34.509	-34.539	-34.569	-34.599	-34.629	-34.659	-34.689	-34.719	-34.749	-34.779	-34.809	-34.839	-34.869	-34.899	-34.929	-34.959	-34.989	-35.019	-35.049	-35.079	-
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64	-0.610	-0.604	-0.597	-0.598	-0.578	-0.567	-0.555	-0.541	31	0.094	0.098	0.078	0.070	0.063	0.050	0.049	0.043	70	-0.204	-0.192	-0.182	-0.175	-0.167	-0.173	
62	-0.622	-0.617	-0.609	-0.598	-0.567	-0.574	-0.560	-0.546	30	0.098	0.090	0.082	0.075	0.068	0.061	0.055	0.049	69	-0.197	-0.179	-0.176	-0.169	-0.161	-0.157	
63	-0.635	-0.627	-0.619	-0.608	-0.595	-0.582	-0.562	-0.550	29	0.100	0.093	0.085	0.079	0.072	0.066	0.060	0.054	68	-0.191	-0.175	-0.169	-0.163	-0.151	-0.147	
61	-0.650	-0.644	-0.636	-0.624	-0.604	-0.587	-0.575	-0.561	28	0.102	0.094	0.086	0.080	0.073	0.067	0.061	0.055	67	-0.183	-0.172	-0.165	-0.157	-0.147	-0.141	
60	-0.663	-0.654	-0.639	-0.623	-0.607	-0.589	-0.570	-0.551	27	0.102	0.096	0.089	0.083	0.077	0.072	0.066	0.061	66	-0.176	-0.164	-0.156	-0.150	-0.148	-0.144	
59	-0.672	-0.664	-0.647	-0.631	-0.614	-0.594	-0.574	-0.551	26	0.104	0.098	0.091	0.084	0.078	0.072	0.066	0.061	65	-0.168	-0.151	-0.148	-0.143	-0.141	-0.137	
58	-0.681	-0.667	-0.651	-0.634	-0.614	-0.594	-0.572	-0.551	25	0.101	0.096	0.090	0.085	0.080	0.075	0.070	0.066	64	-0.159	-0.149	-0.141	-0.136	-0.134	-0.134	
57	-0.692	-0.677	-0.659	-0.641	-0.619	-0.596	-0.575	-0.550	24	0.100	0.095	0.090	0.085	0.080	0.076	0.071	0.066	63	-0.151	-0.140	-0.133	-0.128	-0.127	-0.127	
56	-0.704	-0.688	-0.669	-0.647	-0.624	-0.599	-0.578	-0.548	23	0.099	0.093	0.088	0.083	0.077	0.071	0.067	0.063	62	-0.142	-0.132	-0.125	-0.121	-0.119	-0.117	
55	-0.719	-0.700	-0.678	-0.653	-0.627	-0.600	-0.575	-0.545	22	0.098	0.093	0.089	0.084	0.080	0.076	0.072	0.068	61	-0.132	-0.123	-0.116	-0.113	-0.110	-0.110	
54	-0.726	-0.705	-0.680	-0.653	-0.624	-0.596	-0.569	-0.539	21	0.096	0.092	0.087	0.082	0.077	0.072	0.068	0.064	60	-0.123	-0.115	-0.108	-0.105	-0.102	-0.102	
53	-0.753	-0.726	-0.696	-0.663	-0.630	-0.596	-0.563	-0.531	20	0.094	0.090	0.086	0.081	0.076	0.071	0.067	0.063	59	-0.117	-0.108	-0.101	-0.099	-0.099	-0.093	
52	-0.772	-0.739	-0.703	-0.665	-0.627	-0.589	-0.550	-0.520	19	0.092	0.087	0.083	0.078	0.073	0.067	0.063	0.059	58	-0.108	-0.100	-0.093	-0.091	-0.089	-0.086	
51	-0.790	-0.749	-0.706	-0.662	-0.619	-0.576	-0.540	-0.504	18	0.089	0.086	0.083	0.079	0.075	0.070	0.067	0.063	57	-0.104	-0.095	-0.087	-0.082	-0.079	-0.077	
50	-0.802	-0.759	-0.714	-0.665	-0.620	-0.575	-0.535	-0.493	17	0.088	0.085	0.082	0.078	0.074	0.070	0.066	0.062	56	-0.098	-0.088	-0.081	-0.076	-0.073	-0.072	
49	-0.814	-0.765	-0.718	-0.665	-0.616	-0.569	-0.526	-0.483	16	0.088	0.085	0.082	0.078	0.074	0.070	0.066	0.062	55	-0.092	-0.082	-0.075	-0.069	-0.067	-0.066	
48	-0.809	-0.757	-0.698	-0.635	-0.580	-0.531	-0.489	-0.456	15	0.079	0.077	0.075	0.072	0.070	0.067	0.065	0.063	54	-0.085	-0.076	-0.069	-0.063	-0.061	-0.061	
47	-0.793	-0.742	-0.677	-0.611	-0.555	-0.507	-0.465	-0.432	14	0.075	0.073	0.071	0.068	0.065	0.063	0.061	0.059	53	-0.079	-0.070	-0.063	-0.058	-0.056	-0.056	
46	-0.732	-0.643	-0.565	-0.500	-0.447	-0.404	-0.368	-0.339	13	0.071	0.069	0.068	0.066	0.064	0.062	0.060	0.058	52	-0.073	-0.064	-0.057	-0.052	-0.051	-0.051	
45	-0.656	-0.558	-0.461	-0.423	-0.377	-0.342	-0.313	-0.284	12	0.067	0.065	0.064	0.062	0.060	0.059	0.057	0.055	51	-0.067	-0.058	-0.052	-0.047	-0.046	-0.046	
44	-0.547	-0.445	-0.379	-0.332	-0.299	-0.274	-0.254	-0.238	11	0.062	0.061	0.059	0.058	0.056	0.055	0.054	0.052	50	-0.061	-0.053	-0.046	-0.042	-0.040	-0.040	
43	-0.479	-0.368	-0.283	-0.235	-0.216	-0.203	-0.193	-0.185	10	0.057	0.056	0.055	0.054	0.052	0.051	0.050	0.049	49	-0.053	-0.047	-0.041	-0.037	-0.035	-0.035	
42	-0.401	-0.284	-0.194	-0.146	-0.127	-0.115	-0.106	-0.098	9	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045	48	-0.050	-0.042	-0.036	-0.032	-0.031	-0.031	
41	-0.308	-0.204	-0.124	-0.050	-0.064	-0.074	-0.082	-0.088	8	0.046	0.046	0.045	0.044	0.043	0.042	0.041	0.040	47	-0.044	-0.037	-0.031	-0.027	-0.026	-0.026	
40	-0.239	-0.139	0.085	0.048	0.019	-0.004	-0.021	-0.035	7	0.041	0.040	0.039	0.038	0.037	0.036	0.035	0.034	46	-0.038	-0.032	-0.026	-0.023	-0.021	-0.021	
39	0.211	0.147	0.103	0.070	0.043	0.021	0.003	-0.011	6	0.034	0.034	0.033	0.033	0.032	0.032	0.031	0.030	45	-0.033	-0.027	-0.021	-0.018	-0.017	-0.017	
38	0.251	0.187	0.141	0.106	0.077	0.054	0.034	0.018	5	0.028	0.028	0.027	0.027	0.027	0.026	0.026	0.025	44	-0.028	-0.022	-0.017	-0.014	-0.012	-0.012	
37	0.276	0.213	0.167	0.132	0.103	0.079	0.059	0.042	4	0.022	0.021	0.021	0.021	0.020	0.020	0.020	0.020	43	-0.023	-0.017	-0.012	-0.009	-0.008	-0.008	
36	0.289	0.228	0.184	0.150	0.121	0.088	0.074	0.051	3	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.013	42	-0.018	-0.012	-0.008	-0.005	-0.004	-0.004	
35	0.285	0.225	0.185	0.162	0.135	0.112	0.092	0.076	2	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	41	-0.013	-0.008	-0.004	-0.001	0.000	0.000	
34	0.279	0.226	0.189	0.169	0.148	0.122	0.103	0.087	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	40	-0.008	-0.003	-0.000	0.003	0.004	0.004	
33	0.269	0.232	0.200	0.173	0.149	0.129	0.111	0.095											39	-0.003	-0.001	0.004	0.006	0.007	0.007
32	0.257	0.226	0.198	0.173	0.152	0.133	0.116	0.102	y displ.	(multiply values below by 10^-3)									38	0.001	0.005	0.008	0.010	0.011	0.011
31	0.242	0.212	0.184	0.157	0.135	0.115	0.100	0.086	1	97	98	99	100	101	102	103	104		37	0.009	0.012	0.015	0.017	0.017	0.017
30	0.234	0.210	0.189	0.169	0.152	0.136	0.122	0.109											36	0.009	0.012	0.015	0.017	0.017	0.017
29	0.226	0.202	0.180	0.160	0.144	0.128	0.112	0.100											35	0.017	0.013	0.016	0.020	0.020	0.020
28	0.211	0.184	0.177	0.162	0.147	0.134	0.122	0.111	100										34	0.016	0.019	0.021	0.023	0.023	0.023
27	0.201	0.185	0.171	0.157	0.142	0.130	0.121	0.111											33	0.020	0.022	0.024	0.026	0.026	0.026
26	0.191	0.174	0.160	0.146	0.132	0.120	0.110	0.100	99										32	0.024	0.023	0.024	0.026	0.026	0.026
25	0.192	0.169	0.158	0.147	0.136	0.127	0.117	0.109	97										31	0.026	0.028	0.029	0.030	0.030	0.030
24	0.193	0.164	0.153	0.143	0.134	0.124	0.116	0.109	96										30	0.027	0.029	0.030	0.031	0.031	0.031
23	0.188	0.158	0.148	0.139	0.130	0.121	0.113	0.106	95										29	0.031	0.032	0.033	0.034	0.034	0.034
22	0.183	0.153	0.143	0.134	0.124	0.116	0.109	0.103	94										28	0.033	0.034	0.035	0.036	0.036	0.036
21	0.153	0.145	0.137	0.129	0.122	0.115	0.108	0.102	93										27	0.035	0.036	0.037	0.038	0.038	0.038
20	0.139	0.132	0.126	0.119	0.113	0.107	0.102	0.097	92										26	0.037	0.038	0.039	0.040	0.040	0.040
19	0.131	0.125	0.120	0.114	0.109	0.103	0.098	0.094	90										25	0.039	0.040	0.041	0.041	0.041	0.041
18	0.123	0.118	0.113	0.108	0.103	0.098	0.094	0.090	89										24	0.040	0.041	0.042	0.042	0.042	0.042
17	0.116	0.112	0.107	0.103	0.098	0.094	0.090	0.087	88										23	0.040	0.041	0.042	0.042	0.042	0.042
16	0.107	0.103	0.098	0.094	0.091	0.088	0.084	0.081	87										22	0.040	0.041	0.042	0.042	0.042	0.042
15	0.101	0.097	0.094	0.091	0.088	0.084	0.081	0.078	86										21	0.040	0.041	0.042	0.042	0.042	0.042
14	0.095	0.093	0.091	0.088	0.085	0.082	0.079	0.076	85										20	0.043	0.043	0.044	0.044	0.044	0.044
13	0.088	0.086	0.084	0.082	0.080	0.078	0.076	0.074	84										19	0.043	0.044	0.044	0.044	0.044	0.044
12	0.083	0.081	0.079	0.077	0.075	0.073	0.071	0.069	83	-0.451	-0.445	-0.437	-0.429	-0.421	-0.412	-0.402	-0.393	18	0.043	0.044	0.044	0.044	0.044	0.044	
11	0.078	0.076	0.074	0.072	0.070	0.068	0.066	0.064	82	-0.454	-0.444	-0.436	-0.428	-0.419	-0.410	-0.401	-0.391	17	0.044	0.044	0.044	0.044			

[illegible]

50	-0.646	-0.628	-0.608	-0.587	-0.564	-0.541	-0.516	-0.491
51	-0.649	-0.629	-0.608	-0.586	-0.563	-0.538	-0.513	-0.486
52	-0.650	-0.630	-0.609	-0.587	-0.564	-0.539	-0.513	-0.486
53	-0.656	-0.635	-0.609	-0.585	-0.559	-0.533	-0.506	-0.478
54	-0.660	-0.635	-0.610	-0.586	-0.557	-0.530	-0.502	-0.474
55	-0.662	-0.638	-0.610	-0.586	-0.555	-0.528	-0.498	-0.468
56	-0.665	-0.637	-0.609	-0.580	-0.552	-0.523	-0.493	-0.464
57	-0.668	-0.639	-0.607	-0.578	-0.548	-0.518	-0.486	-0.454
58	-0.665	-0.635	-0.604	-0.574	-0.544	-0.513	-0.483	-0.452
59	-0.663	-0.632	-0.600	-0.568	-0.538	-0.507	-0.477	-0.445
60	-0.659	-0.627	-0.595	-0.563	-0.532	-0.501	-0.470	-0.438
61	-0.653	-0.620	-0.587	-0.555	-0.524	-0.493	-0.463	-0.432
62	-0.644	-0.611	-0.579	-0.547	-0.516	-0.485	-0.454	-0.424
63	-0.633	-0.600	-0.568	-0.537	-0.506	-0.475	-0.445	-0.415
64	-0.619	-0.587	-0.555	-0.523	-0.493	-0.463	-0.433	-0.403
65	-0.604	-0.572	-0.542	-0.512	-0.483	-0.454	-0.425	-0.396
66	-0.586	-0.556	-0.527	-0.498	-0.470	-0.442	-0.414	-0.386
67	-0.566	-0.538	-0.510	-0.483	-0.456	-0.429	-0.402	-0.375
68	-0.545	-0.518	-0.483	-0.457	-0.431	-0.405	-0.380	-0.354
69	-0.522	-0.498	-0.474	-0.445	-0.426	-0.401	-0.377	-0.352
70	-0.499	-0.477	-0.455	-0.432	-0.410	-0.387	-0.365	-0.343
71	-0.478	-0.458	-0.436	-0.413	-0.389	-0.367	-0.345	-0.323
72	-0.452	-0.434	-0.416	-0.396	-0.377	-0.357	-0.336	-0.315
73	-0.425	-0.413	-0.395	-0.378	-0.360	-0.342	-0.323	-0.305
74	-0.406	-0.392	-0.376	-0.358	-0.344	-0.327	-0.309	-0.290
75	-0.387	-0.371	-0.356	-0.339	-0.324	-0.307	-0.289	-0.271
76	-0.362	-0.350	-0.338	-0.325	-0.311	-0.297	-0.282	-0.266
77	-0.341	-0.331	-0.320	-0.308	-0.296	-0.282	-0.268	-0.253
78	-0.318	-0.312	-0.302	-0.292	-0.280	-0.267	-0.253	-0.239
79	-0.301	-0.294	-0.285	-0.276	-0.265	-0.254	-0.242	-0.230
80	-0.282	-0.278	-0.270	-0.262	-0.252	-0.242	-0.231	-0.220
81	-0.266	-0.260	-0.253	-0.245	-0.237	-0.228	-0.218	-0.208
82	-0.249	-0.244	-0.238	-0.231	-0.223	-0.214	-0.205	-0.196
83	-0.237	-0.232	-0.227	-0.221	-0.214	-0.206	-0.198	-0.189
84	-0.225	-0.221	-0.216	-0.210	-0.204	-0.197	-0.189	-0.180
85	-0.213	-0.209	-0.205	-0.200	-0.194	-0.187	-0.180	-0.172
86	-0.201	-0.197	-0.194	-0.189	-0.184	-0.178	-0.171	-0.164
87	-0.189	-0.186	-0.182	-0.178	-0.173	-0.167	-0.161	-0.155
88	-0.176	-0.174	-0.171	-0.167	-0.163	-0.158	-0.152	-0.146
89	-0.162	-0.160	-0.157	-0.154	-0.150	-0.145	-0.140	-0.135
90	-0.152	-0.151	-0.149	-0.146	-0.142	-0.138	-0.134	-0.129
91	-0.141	-0.139	-0.137	-0.135	-0.132	-0.129	-0.125	-0.120
92	-0.129	-0.128	-0.127	-0.125	-0.122	-0.119	-0.116	-0.111
93	-0.118	-0.117	-0.116	-0.114	-0.112	-0.110	-0.107	-0.103
94	-0.107	-0.107	-0.106					

71	0.442	-0.21	0.397	-0.399	0.342	-0.311	-0.277	-0.238
70	0.447	-0.425	-0.401	-0.374	0.344	0.312	-0.277	-0.238
69	0.452	-0.430	-0.406	-0.379	0.349	0.317	-0.282	-0.243
68	0.460	-0.437	-0.411	-0.383	0.352	0.318	-0.281	-0.242
67	0.467	-0.444	-0.418	-0.389	0.357	0.323	-0.286	-0.247
66	0.477	-0.453	-0.427	-0.397	0.364	0.328	-0.291	-0.251
65	0.485	-0.461	-0.435	-0.405	0.371	0.334	-0.296	-0.256
64	0.498	-0.474	-0.449	-0.425	0.383	0.342	-0.308	-0.265
63	0.507	-0.482	-0.456	-0.432	0.395	0.351	-0.316	-0.272
62	0.489	-0.464	-0.439	-0.413	0.376	0.357	-0.305	-0.260
61	0.495	-0.470	-0.445	-0.419	0.382	0.363	-0.311	-0.266
60	0.479	-0.453	-0.428	-0.397	0.367	0.350	-0.299	-0.259
59	0.474	-0.447	-0.421	-0.390	0.359	0.325	-0.290	-0.250
58	0.479	-0.452	-0.426	-0.395	0.364	0.330	-0.295	-0.255
57	0.464	-0.436	-0.407	-0.376	0.344	0.314	-0.274	-0.236
56	0.469	-0.441	-0.412	-0.381	0.349	0.319	-0.279	-0.241
55	0.454	-0.425	-0.395	-0.363	0.330	0.296	-0.261	-0.223
54	0.459	-0.430	-0.400	-0.368	0.335	0.301	-0.266	-0.228
53	0.444	-0.414	-0.383	-0.351	0.318	0.284	-0.249	-0.213
52	0.449	-0.419	-0.388	-0.356	0.323	0.289	-0.254	-0.218
51	0.433	-0.403	-0.372	-0.340	0.307	0.273	-0.239	-0.203
50	0.438	-0.398	-0.367	-0.335	0.312	0.278	-0.244	-0.208
49	0.422	-0.381	-0.350	-0.318	0.296	0.262	-0.228	-0.192
48	0.427	-0.386	-0.355	-0.323	0.296	0.262	-0.228	-0.192
47	0.416	-0.369	-0.338	-0.302	0.280	0.257	-0.224	-0.186
46	0.421	-0.374	-0.343	-0.307	0.285	0.262	-0.229	-0.191
45	0.402	-0.371	-0.340	-0.309	0.278	0.264	-0.224	-0.184
44	0.384	-0.354	-0.323	-0.290	0.262	0.248	-0.208	-0.168
43	0.386	-0.356	-0.325	-0.296	0.266	0.255	-0.214	-0.173
42	0.369	-0.339	-0.308	-0.279	0.250	0.236	-0.200	-0.157
41	0.368	-0.339	-0.311	-0.282	0.253	0.224	-0.194	-0.164
40	0.351	-0.321	-0.290	-0.265	0.237	0.211	-0.184	-0.146
39	0.348	-0.322	-0.295	-0.267	0.240	0.212	-0.184	-0.147
38	0.339	-0.312	-0.289	-0.260	0.233	0.206	-0.179	-0.140
37	0.334	-0.307	-0.284	-0.255	0.228	0.201	-0.174	-0.135
36	0.317	-0.293	-0.269	-0.244	0.219	0.194	-0.169	-0.143
35	0.312	-0.288	-0.264	-0.239	0.214	0.189	-0.164	-0.139
34	0.294	-0.273	-0.250	-0.228	0.205	0.182	-0.158	-0.144
33	0.289	-0.268	-0.245	-0.223	0.200	0.177	-0.153	-0.139
32	0.272	-0.252	-0.232	-0.212	0.191	0.169	-0.147	-0.125
31	0.267	-0.247	-0.227	-0.207	0.186	0.164	-0.142	-0.120
30	0.249	-0.228	-0.214	-0.195	0.176	0.157	-0.137	-0.116
29	0.244	-0.224	-0.210	-0.191	0.171	0.152	-0.132	-0.111
28	0.227	-0.212	-0.196	-0.180	0.162	0.145	-0.126	-0.107
27	0.216	-0.202	-0.186					

```
>set log off
* log-file recording stopped 31-Dec-15 11:07
```

부록. 라이닝 해석 OUT-PUT

■ 라이닝 해석결과(원설계)

```
*****
** MIDAS/Civil V.8.0.0 Modeling, Integrated Design & Analysis
Software **
** CIVIL STRUCTURE DESIGN SYSTEM
*****

      XXX  XXX  XX  XXXXXXXX  XXXXXXXX  XXXXXXXXX
      XXXX XXXX  XX  XX  XX  XX  XX  XX  XX
      XX XXX XX  XX  XX  XX  XX  XX  XX
      XX X  XX  XX  XX  XX  XXXXXXXX  XXXXXXXXX

      XXX  XX  XXX  XXX  XX  XX  XX  XXX
      XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
      XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
      XXX  XX  XXX  XXXXXXXX  XXX  XX  XXXXXXXXX

/Civil

      VERSION 8.0.0

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*****
*****
      ANALYSIS      RESULT      OUTPUTS
      -----

LOAD SET FOR DISPLACEMENT OUTPUT - Load Set 1
-----

<< LOAD COMBI//CASE/ENVEL ABBREVIATION TABLE >>

      ABBREVIATION  FULL NAME  TYPE  DESCRIPTION
      -----
      No Abbreviation was made in this Load Set. All names are less than 8 char.'s

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[[Selected Load Combinations]]

      L.  COMB  TYPE  COMBINATION DETAIL
      -----
      Nlcb1  Conc. Comb  1.000 x Nlcb1
      Nlcb2  Conc. Comb  1.000 x Nlcb2
      Nlcb3  Conc. Comb  1.000 x Nlcb3

LOAD SET FOR REACTION OUTPUT - Load Set 1
-----

<< LOAD COMBI//CASE/ENVEL ABBREVIATION TABLE >>

      ABBREVIATION  FULL NAME  TYPE  DESCRIPTION
      -----
      No Abbreviation was made in this Load Set. All names are less than 8 char.'s

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[[Selected Load Combinations]]

      L.  COMB  TYPE  COMBINATION DETAIL
      -----
      Nlcb1  Conc. Comb  1.000 x Nlcb1
      Nlcb2  Conc. Comb  1.000 x Nlcb2
      Nlcb3  Conc. Comb  1.000 x Nlcb3

LOAD SET FOR ELEMENT OUTPUTS - Load Set 1
-----

<< LOAD COMBI//CASE/ENVEL ABBREVIATION TABLE >>

      ABBREVIATION  FULL NAME  TYPE  DESCRIPTION
```

No Abbreviation was made in this Load Set. All names are less than 8 char.'s

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[[Selected Load Combinations]]

L. COMB	TYPE	COMBINATION DETAIL
Nlcb1	Conc. Comb	1.000 x Nlcb1
Nlcb2	Conc. Comb	1.000 x Nlcb2
Nlcb3	Conc. Comb	1.000 x Nlcb3

NODE DISPLACEMENT AND ROTATIONS DEFAULT PRINTOUT
System : tonf , m
Unit

NODE	RZ	LC	UX	UY	UZ	RX	RY
4	Nlcb1		0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb2		0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb3		0.000	0.000	0.001	0.0	0.0
5	Nlcb1		-0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb2		-0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb3		-0.000	0.000	0.001	0.0	-0.0
6	Nlcb1		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb2		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb3		0.000	0.000	0.000	0.0	0.0
7	Nlcb1		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb2		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb3		-0.000	0.000	0.000	0.0	-0.0
8	Nlcb1		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb2		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb3		-0.000	0.000	0.000	0.0	-0.0
9	Nlcb1		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb2		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb3		-0.000	0.000	-0.000	0.0	-0.0
10	Nlcb1		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb2		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb3		-0.000	0.000	-0.000	0.0	-0.0
11	Nlcb1		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb2		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb3		-0.000	0.000	-0.000	0.0	-0.0
12	Nlcb1		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb2		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb3		-0.000	0.000	-0.000	0.0	-0.0
13	Nlcb1		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb2		0.000	0.000	-0.000	0.0	0.0
0,0	Nlcb3		0.000	0.000	-0.000	0.0	0.0
14	Nlcb1		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb2		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb3		0.000	0.000	-0.000	0.0	0.0
15	Nlcb1		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb2		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb3		0.000	0.000	-0.000	0.0	0.0
16	Nlcb1		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb2		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb3		0.000	0.000	-0.000	0.0	0.0
17	Nlcb1		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb2		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb3		0.000	0.000	-0.000	0.0	0.0
18	Nlcb1		-0.000	0.000	-0.000	0.0	-0.0
0,0	Nlcb2		-0.000	0.000	-0.000	0.0	-0.0

0.0	Nlcb3	0.000	0.000	0.000	0.0	0.0	0.0	Nlcb2	-0.000	0.000	-0.000	0.0	0.0
0.0								Nlcb3	-0.000	0.000	0.000	0.0	-0.0
19	Nlcb1	-0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb2	0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb3	0.000	0.000	0.000	0.0	-0.0							
20	Nlcb1	-0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb2	0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb3	0.000	0.000	0.000	0.0	0.0							
21	Nlcb1	-0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb2	0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb3	0.000	0.000	0.000	0.0	0.0							
22	Nlcb1	-0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb2	-0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb3	0.000	0.000	0.000	0.0	0.0							
23	Nlcb1	-0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb2	-0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb3	0.000	0.000	0.000	0.0	0.0							
24	Nlcb1	0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb2	-0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb3	-0.000	0.000	0.000	0.0	0.0							
25	Nlcb1	0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb2	-0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb3	-0.000	0.000	0.000	0.0	-0.0							
26	Nlcb1	0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb2	-0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb3	-0.000	0.000	0.000	0.0	-0.0							
27	Nlcb1	0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb2	0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb3	-0.000	0.000	0.000	0.0	-0.0							
28	Nlcb1	0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb2	0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb3	-0.000	0.000	0.000	0.0	-0.0							
29	Nlcb1	0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb2	0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb3	0.000	0.000	0.000	0.0	0.0							
30	Nlcb1	0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb2	0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb3	0.000	0.000	-0.000	0.0	0.0							
31	Nlcb1	0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb2	0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb3	0.000	0.000	-0.000	0.0	-0.0							
32	Nlcb1	0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb2	0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb3	0.000	0.000	-0.000	0.0	-0.0							
33	Nlcb1	0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb2	0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb3	0.000	0.000	-0.000	0.0	0.0							
34	Nlcb1	-0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb2	-0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb3	-0.000	0.000	-0.000	0.0	-0.0							
35	Nlcb1	-0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb2	-0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb3	-0.000	0.000	-0.000	0.0	0.0							
36	Nlcb1	-0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb2	-0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb3	-0.000	0.000	-0.000	0.0	0.0							
37	Nlcb1	-0.000	0.000	-0.000	0.0	-0.0							
0.0	Nlcb2	-0.000	0.000	-0.000	0.0	0.0							
0.0	Nlcb3	-0.000	0.000	-0.000	0.0	-0.0							
38	Nlcb1	-0.000	0.000	-0.000	0.0	0.0							

BEAM ELEMENT FORCES & MOMENTS DEFAULT PRINTOUT.
System : tonf , m

Unit

ELEM	MAT	SEC	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z					
1	1	1	Nlcb1	I	2.4	0.0	-0.2
0.0	-0.0	0.0	J		3.0	0.0	0.2
2	1	1	Nlcb1	I	3.1	0.0	-0.3
0.0	-0.0	0.0	J		3.6	0.0	0.3
3	1	1	Nlcb1	I	3.6	0.0	-0.3
0.0	-0.1	0.0	J		4.0	0.0	0.3
4	1	1	Nlcb1	I	4.0	0.0	-0.3
0.0	-0.1	0.0	J		4.3	0.0	0.3
5	1	1	Nlcb1	I	4.3	0.0	-0.4
0.0	-0.1	0.0	J		4.5	0.0	0.4
6	1	1	Nlcb1	I	4.5	0.0	-0.4
0.0	-0.1	0.0	J		4.6	0.0	0.4
7	1	1	Nlcb1	I	4.6	0.0	-0.4
0.0	-0.1	0.0	J		4.5	0.0	0.4
8	1	1	Nlcb1	I	4.5	0.0	-0.4
0.0	-0.1	0.0	J		4.3	0.0	0.4
9	1	1	Nlcb1	I	4.3	0.0	-0.4
0.0	-0.1	0.0	J		4.0	0.0	0.3
10	1	1	Nlcb1	I	4.0	0.0	-0.3
0.0	-0.1	0.0	J		3.6	0.0	0.3
11	1	1	Nlcb1	I	3.6	0.0	-0.3
0.0	-0.1	0.0	J		3.1	0.0	0.3
12	1	1	Nlcb1	I	3.0	0.0	-0.2
0.0	-0.0	0.0	J		2.4	0.0	0.2
13	1	1	Nlcb1	I	-1.8	0.0	0.4
0.0	-0.1	0.0	J		-1.1	0.0	0.2
14	1	1	Nlcb1	I	-1.1	0.0	0.2
0.0	-0.2	0.0	J		-0.4	0.0	-0.1
15	1	1	Nlcb1	I	-0.3	0.0	-0.2
0.0	-0.1	0.0	J		0.4	0.0	-0.2
16	1	1	Nlcb1	I	0.4	0.0	-0.1
0.0	0.0	0.0	J		-1.7	0.0	-0.4
17	1	1	Nlcb1	I	1.1	0.0	-0.0
0.0	0.1	0.0	J		1.8	0.0	0.2
18	1	1	Nlcb1	I	1.8	0.0	-0.1
0.0	0.0	0.0	J		2.4	0.0	0.2
19	1	1	Nlcb1	I	2.4	0.0	-0.2
0.0	0.0	0.0	J		3.0	0.0	0.2
20	1	1	Nlcb1	I	3.0	0.0	-0.2
0.0	0.0	0.0	J		3.6	0.0	0.2
21	1	1	Nlcb1	I	3.6	0.0	-0.2
0.0	0.0	0.0	J		4.0	0.0	0.2
22	1	1	Nlcb1	I	4.0	0.0	-0.2
0.0	0.0	0.0	J		4.3	0.0	0.2
23	1	1	Nlcb1	I	4.3	0.0	-0.2
0.0	0.0	0.0	J		4.5	0.0	0.2
24	1	1	Nlcb1	I	4.5	0.0	-0.2
0.0	0.0	0.0	J		4.6	0.0	0.2
25	1	1	Nlcb1	I	4.6	0.0	-0.2
0.0	0.0	0.0	J		4.5	0.0	0.2
26	1	1	Nlcb1	I	4.5	0.0	-0.2
0.0	0.0	0.0	J		4.3	0.0	0.2
27	1	1	Nlcb1	I	4.3	0.0	-0.2
0.0	0.0	0.0	J		4.0	0.0	0.2
28	1	1	Nlcb1	I	4.0	0.0	-0.2
0.0	0.0	0.0	J		3.6	0.0	0.2
29	1	1	Nlcb1	I	3.6	0.0	-0.2
0.0	0.0	0.0	J		3.1	0.0	0.2
30	1	1	Nlcb1	I	3.1	0.0	-0.2
0.0	0.0	0.0	J		2.4	0.0	0.2
31	1	1	Nlcb1	I	2.4	0.0	-0.2
0.0	0.0	0.0	J		2.0	0.0	0.2
32	1	1	Nlcb1	I	2.0	0.0	-0.2
0.0	0.0	0.0	J		1.6	0.0	0.2
33	1	1	Nlcb1	I	1.6	0.0	-0.2
0.0	0.0	0.0	J		1.2	0.0	0.2
34	1	1	Nlcb1	I	1.2	0.0	-0.2
0.0	0.0	0.0	J		0.8	0.0	0.2
35	1	1	Nlcb1	I	0.8	0.0	-0.2
0.0	0.0	0.0	J		0.4	0.0	0.2
36	1	1	Nlcb1	I	0.4	0.0	-0.2
0.0	0.0	0.0	J		0.0	0.0	0.2
37	1	1	Nlcb1	I	0.0	0.0	-0.2
0.0	0.0	0.0	J		0.0	0.0	0.2
38	1	1	Nlcb1	I	0.0	0.0	-0.2
0.0	0.0	0.0	J		0.0	0.0	0.2

0.0	-0.1	0.0	J	86.7	0.0	0.7	0.0	18	1	1	Nlcb1	I	1.8	0.0	-0.1
0.0	-0.1	0.0	J	4.3	0.0	-0.3	0.0	0.0	-0.0	0.0	J		2.4	0.0	0.2
9	-0.1	0.0	J	4.0	0.0	0.3	0.0	0.0	-0.1	0.0	Nlcb2	I	0.8	0.0	-0.5
0.0	-0.1	0.0	J	4.7	0.0	-0.6	0.0	0.0	-0.1	0.0	J		1.8	0.0	0.5
0.0	-0.1	0.0	J	5.2	0.0	0.7	0.0	0.0	-0.1	0.0	Nlcb3	I	82.3	0.0	-0.6
0.0	-0.1	0.0	J	86.7	0.0	-0.7	0.0	0.0	-0.1	0.0	J		83.3	0.0	0.5
0.0	-0.1	0.0	J	86.1	0.0	0.8	0.0	19	1	1	Nlcb1	I	-1.8	0.0	0.4
0.0	-0.1	0.0	J	4.0	0.0	-0.3	0.0	0.0	-0.2	0.0	J		-1.1	0.0	0.2
10	-0.1	0.0	J	3.6	0.0	0.3	0.0	0.0	-0.3	0.0	Nlcb2	I	-3.5	0.0	-0.8
0.0	-0.1	0.0	J	4.7	0.0	-0.7	0.0	0.0	0.0	0.0	J		-2.5	0.0	0.0
0.0	-0.1	0.0	J	3.9	0.0	0.7	0.0	0.0	7.2	0.0	Nlcb3	I	78.4	0.0	10.2
0.0	-0.1	0.0	J	86.1	0.0	-0.7	0.0	0.0	-2.9	0.0	J		79.4	0.0	11.0
0.0	-0.1	0.0	J	85.2	0.0	0.7	0.0	20	-0.2	1	Nlcb1	I	-1.1	0.0	-0.0
0.0	-0.1	0.0	J	3.6	0.0	-0.3	0.0	0.0	-0.1	0.0	J		-0.4	0.0	-0.1
11	-0.1	0.0	J	3.1	0.0	0.3	0.0	0.0	0.0	0.0	Nlcb2	I	-2.5	0.0	-0.4

[illegible]

0.0	6.6	-6.6		J	277.6	0.0	2.7	0.0
0.0	4.8	-4.8						
25	1	1	Nlcb1	I	-0.5	0.0	1.1	0.0
0.0	-5.3	5.3	J	-0.5	0.0	-2.6	0.0	
0.0	-15.5	15.5						
0.0	23.0	-23.0	Nlcb2	I	-5.9	0.0	-1.6	0.0
0.0	-22.6	22.6	J	-5.9	0.0	-5.3	0.0	
0.0	-479.9	479.9	Nlcb3	I	258.4	0.0	57.2	0.0
0.0	247.9	-247.9	J	258.4	0.0	53.5	0.0	
26	1	1	Nlcb1	I	-0.5	0.0	2.7	0.0
0.0	-15.5	15.5	J	-0.5	0.0	-1.0	0.0	
0.0	-4.7	4.7						
0.0	-22.6	22.6	Nlcb2	I	-5.9	0.0	3.1	0.0
0.0	-6.5	6.5	J	-5.9	0.0	-0.6	0.0	
0.0	247.9	-247.9	Nlcb3	I	258.4	0.0	-14.3	0.0
0.0	35.0	-35.0	J	258.4	0.0	-18.0	0.0	
27	1	1	Nlcb1	I	-0.5	0.0	1.9	0.0
0.0	-4.7	4.7	J	-0.5	0.0	-1.8	0.0	
0.0	-3.5	3.5						
0.0	-6.5	6.5	Nlcb2	I	-5.9	0.0	2.1	0.0
0.0	-3.3	3.3	J	-5.9	0.0	-1.6	0.0	
0.0	35.0	-35.0	Nlcb3	I	258.4	0.0	-1.9	0.0
0.0	-14.6	14.6	J	258.4	0.0	-5.6	0.0	
28	1	1	Nlcb1	I	-0.5	0.0	1.8	0.0
0.0	-3.5	3.5	J	-0.5	0.0	-1.9	0.0	
0.0	-4.0	4.0						
0.0	-3.3	3.3	Nlcb2	I	-5.9	0.0	1.8	0.0
0.0	-3.9	3.9	J	-5.9	0.0	-1.9	0.0	
0.0	-14.6	14.6	Nlcb3	I	258.4	0.0	2.5	0.0
0.0	-6.7	6.7	J	258.4	0.0	-1.2	0.0	
29	1	1	Nlcb1	I	-0.5	0.0	1.8	0.0
0.0	-4.0	4.0	J	-0.5	0.0	-1.9	0.0	
0.0	-4.1	4.1						
0.0	-3.9	3.9	Nlcb2	I	-5.9	0.0	1.8	0.0
0.0	-4.1	4.1	J	-5.9	0.0	-1.9	0.0	
0.0	-6.7	6.7	Nlcb3	I	258.4	0.0	2.1	0.0
0.0	-3.5	3.5	J	258.4	0.0	-1.6	0.0	
30	1	1	Nlcb1	I	-0.5	0.0	1.8	0.0
0.0	-4.1	4.1	J	-0.5	0.0	-1.8	0.0	
0.0	-4.1	4.1						
0.0	-4.1	4.1	Nlcb2	I	-5.9	0.0	1.8	0.0
0.0	-4.1	4.1	J	-5.9	0.0	-1.8	0.0	
0.0	-3.5	3.5	Nlcb3	I	258.4	0.0	1.8	0.0
0.0	-3.5	3.5	J	258.4	0.0	-1.8	0.0	
31	1	1	Nlcb1	I	-0.5	0.0	1.9	0.0
0.0	-4.1	4.1	J	-0.5	0.0	-1.8	0.0	
0.0	-4.0	4.0						
0.0	-4.1	4.1	Nlcb2	I	-5.9	0.0	1.9	0.0
0.0	-3.9	3.9	J	-5.9	0.0	-1.8	0.0	
0.0	-3.5	3.5	Nlcb3	I	258.4	0.0	1.6	0.0
0.0	-6.7	6.7	J	258.4	0.0	-2.1	0.0	
32	1	1	Nlcb1	I	-0.5	0.0	1.9	0.0
0.0	-4.0	4.0	J	-0.5	0.0	-1.8	0.0	
0.0	-3.5	3.5						
0.0	-3.9	3.9	Nlcb2	I	-5.9	0.0	1.9	0.0
0.0	-3.3	3.3	J	-5.9	0.0	-1.8	0.0	
0.0	-6.7	6.7	Nlcb3	I	258.4	0.0	1.2	0.0
0.0	-14.6	14.6	J	258.4	0.0	-2.5	0.0	
33	1	1	Nlcb1	I	-0.5	0.0	1.8	0.0
0.0	-3.5	3.5	J	-0.5	0.0	-1.9	0.0	
0.0	-4.7	4.7						
0.0	-3.3	3.3	Nlcb2	I	-5.9	0.0	1.6	0.0
0.0	-6.5	6.5	J	-5.9	0.0	-2.1	0.0	
0.0	-14.6	14.6	Nlcb3	I	258.4	0.0	5.6	0.0
0.0	35.0	-35.0	J	258.4	0.0	1.9	0.0	

34	1	1	Nlcb1	I	-0.5	0.0	1.0	0.0
0.0	-4.7	4.7	J	-0.5	0.0	-2.7	0.0	0.0
0.0	-15.5	15.5						
0.0	-6.5	6.5	Nlcb2	I	-5.9	0.0	0.6	0.0
0.0	-22.6	22.6	J	-5.9	0.0	-3.1	0.0	0.0
0.0	35.0	-35.0	Nlcb3	I	258.4	0.0	18.0	0.0
0.0	247.9	-247.9	J	258.4	0.0	14.3	0.0	0.0
35	1	1	Nlcb1	I	-0.5	0.0	2.6	0.0
0.0	-15.5	15.5	J	-0.5	0.0	-1.1	0.0	0.0
0.0	-5.3	5.3						
0.0	-22.6	22.6	Nlcb2	I	-5.9	0.0	5.3	0.0
0.0	23.0	-23.0	J	-5.9	0.0	1.6	0.0	0.0
0.0	247.9	-247.9	Nlcb3	I	258.4	0.0	-53.5	0.0
0.0	-479.9	479.9	J	258.4	0.0	-57.2	0.0	0.0

BEAM ELEMENT STRESSES MIN/MAX SUMMARY BY PROPERTY PRINTOUT
System : tonf , in

[SECTION NAME : 0.3 , SECTION ID : 1 , SECTION SHAPE : SB] [SECTION SIZE] H:0.3 B:1									
** MAX									
ELEM COM	LC	PT	AXIAL	SHEAR-Y	SHEAR-Z	(+)-BENDING-(+)	(-)-BENDING-(-)		
(FZ)-BENDING-(FZ)									
7	AXL	Nlcb3	1	I	290.4	0.0	-3.1	0.0	
0.0	1	SRF	Nlcb1	1	I	8.1	0.0	-1.1	0.0
0.0	25	SRZ	Nlcb3	1	I	258.4	0.0	57.2	0.0
0.0	6	BYF	Nlcb3	1	J	290.4	0.0	3.1	0.0
0.0	6	BYF	Nlcb3	1	J	290.4	0.0	3.1	0.0
0.0	34	BZ	Nlcb3	1	J	258.4	0.0	14.3	0.0
0.0	35	BZ	Nlcb3	1	J	258.4	0.0	-57.2	0.0
0.0	-479.9	479.9							
** MIN									
ELEM COM	LC	PT	AXIAL	SHEAR-Y	SHEAR-Z	(+)-BENDING-(+)	(-)-BENDING-(-)		
(FZ)-BENDING-(FZ)									
13	AXL	Nlcb2	1	I	-11.8	0.0	-3.8	0.0	
0.0	1	SRF	Nlcb1	1	I	8.1	0.0	-1.1	0.0
0.0	35	SRZ	Nlcb3	1	J	258.4	0.0	-57.2	0.0
0.0	19	BYF	Nlcb2	1	I	-11.8	0.0	-3.8	0.0
0.0	19	BYF	Nlcb2	1	I	-11.8	0.0	-3.8	0.0
0.0	35	BZ	Nlcb3	1	J	258.4	0.0	-57.2	0.0
0.0	35	BZ	Nlcb3	1	J	258.4	0.0	-53.5	0.0
0.0	-247.9	-247.9							

REACTION FORCES & MOMENTS DEFAULT PRINTOUT.
System : tonf , in

Node	MZ	LC	FX	FY	FZ	MX	MY
4	Nlcb1		0.0	0.0	2.0	0.0	0.0
0.0	Nlcb2		0.0	0.0	2.8	0.0	0.0
0.0	Nlcb3		-44.3	0.0	-60.4	0.0	0.0
5	Nlcb1		0.0	0.0	2.0	0.0	0.0
0.0	Nlcb2		0.0	0.0	2.8	0.0	0.0
0.0	Nlcb3		44.3	0.0	-60.4	0.0	0.0
6	Nlcb1		-0.7	0.0	0.4	0.0	0.0
0.0	Nlcb2		-1.2	0.0	0.7	0.0	0.0
0.0	Nlcb3		-12.7	0.0	7.4	0.0	0.0
7	Nlcb1		0.7	0.0	0.4	0.0	0.0
0.0	Nlcb2		1.2	0.0	0.7	0.0	0.0
0.0	Nlcb3		12.7	0.0	7.4	0.0	0.0
8	Nlcb1		0.8	0.0	0.6	0.0	0.0
0.0	Nlcb2		1.3	0.0	1.1	0.0	0.0
0.0	Nlcb3		12.2	0.0	10.3	0.0	0.0
9	Nlcb1		0.8	0.0	0.9	0.0	0.0
0.0	Nlcb2		1.3	0.0	1.5	0.0	0.0
0.0	Nlcb3		10.5	0.0	12.5	0.0	0.0

10	Nlcb1	0.7	0.0	1.2	0.0	0.0	
0.0	Nlcb2	1.1	0.0	1.9	0.0	0.0	
0.0	Nlcb3	8.2	0.0	14.3	0.0	0.0	
11	Nlcb1	0.5	0.0	1.4	0.0	0.0	
0.0	Nlcb2	0.8	0.0	2.1	0.0	0.0	
0.0	Nlcb3	5.7	0.0	15.6	0.0	0.0	
12	Nlcb1	0.3	0.0	1.5	0.0	0.0	
0.0	Nlcb2	0.4	0.0	2.0	0.0	0.0	
0.0	Nlcb3	2.9	0.0	16.3	0.0	0.0	
13	Nlcb1	0.0	0.0	1.6	0.0	0.0	
0.0	Nlcb2	0.0	0.0	2.0	0.0	0.0	
0.0	Nlcb3	0.0	0.0	16.4	0.0	0.0	
14	Nlcb1	-0.3	0.0	1.5	0.0	0.0	
0.0	Nlcb2	-0.4	0.0	2.0	0.0	0.0	
0.0	Nlcb3	-2.9	0.0	16.3	0.0	0.0	
15	Nlcb1	-0.5	0.0	1.4	0.0	0.0	
0.0	Nlcb2	-0.8	0.0	2.1	0.0	0.0	
0.0	Nlcb3	-5.7	0.0	15.6	0.0	0.0	
16	Nlcb1	-0.7	0.0	1.2	0.0	0.0	
0.0	Nlcb2	-1.1	0.0	1.9	0.0	0.0	
0.0	Nlcb3	-8.2	0.0	14.3	0.0	0.0	
17	Nlcb1	-0.8	0.0	0.9	0.0	0.0	
0.0	Nlcb2	-1.3	0.0	1.5	0.0	0.0	
0.0	Nlcb3	-10.5	0.0	12.5	0.0	0.0	
18	Nlcb1	-0.8	0.0	0.6	0.0	0.0	
0.0	Nlcb2	-1.3	0.0	1.1	0.0	0.0	
0.0	Nlcb3	-12.2	0.0	10.3	0.0	0.0	
19	Nlcb1	0.0	0.0	0.0	0.0	0.0	
0.0	Nlcb2	-0.0	0.0	-0.0	0.0	0.0	
0.0	Nlcb3	-25.0	0.0	-5.8	0.0	0.0	
20	Nlcb1	0.0	0.0	0.0	0.0	0.0	
0.0	Nlcb2	-0.6	0.0	-0.0	0.0	0.0	
0.0	Nlcb3	-11.3	0.0	-0.9	0.0	0.0	
21	Nlcb1	0.0	0.0	0.0	0.0	0.0	
0.0	Nlcb2	-0.7	0.0	0.1	0.0	0.0	
0.0	Nlcb3	-12.2	0.0	0.9	0.0	0.0	
22	Nlcb1	-0.2	0.0	0.0	0.0	0.0	
0.0	Nlcb2	-0.8	0.0	0.2	0.0	0.0	
0.0	Nlcb3	-13.0	0.0	2.9	0.0	0.0	
23	Nlcb1	-0.6	0.0	0.2	0.0	0.0	
0.0	Nlcb2	-1.0	0.0	0.4	0.0	0.0	
0.0	Nlcb3	-12.7	0.0	5.0	0.0	0.0	
24	Nlcb1	0.0	0.0	0.0	0.0	0.0	
0.0	Nlcb2	0.0	0.0	-0.0	0.0	0.0	
0.0	Nlcb3	25.0	0.0	-5.8	0.0	0.0	
25	Nlcb1	0.0	0.0	0.0	0.0	0.0	
0.0	Nlcb2	0.6	0.0	-0.0	0.0	0.0	
0.0	Nlcb3	11.3	0.0	-0.9	0.0	0.0	
26	Nlcb1	0.0	0.0	0.0	0.0	0.0	
0.0	Nlcb2	0.7	0.0	0.1	0.0	0.0	
0.0	Nlcb3	12.2	0.0	0.9	0.0	0.0	
27	Nlcb1	0.2	0.0	0.0	0.0	0.0	
0.0	Nlcb2	0.8	0.0	0.2	0.0	0.0	
0.0	Nlcb3	13.0	0.0	2.9	0.0	0.0	
28	Nlcb1	0.6	0.0	0.2	0.0	0.0	
0.0	Nlcb2	1.0	0.0	0.4	0.0	0.0	
0.0	Nlcb3	12.7	0.0	5.0	0.0	0.0	
29	Nlcb1	0.0	0.0	1.1	0.0	0.0	
0.0	Nlcb2	0.0	0.0	1.7	0.0	0.0	

0.0	Nlcb3	0.0	0.0	-13.6	0.0	0.0
30	Nlcb1	0.0	0.0	0.6	0.0	0.0
	Nlcb2	0.0	0.0	0.5	0.0	0.0
	Nlcb3	0.0	0.0	3.2	0.0	0.0
31	Nlcb1	0.0	0.0	0.7	0.0	0.0
	Nlcb2	0.0	0.0	0.7	0.0	0.0
	Nlcb3	0.0	0.0	1.6	0.0	0.0
32	Nlcb1	0.0	0.0	0.7	0.0	0.0
	Nlcb2	0.0	0.0	0.7	0.0	0.0
	Nlcb3	0.0	0.0	0.7	0.0	0.0
33	Nlcb1	0.0	0.0	0.7	0.0	0.0
	Nlcb2	0.0	0.0	0.7	0.0	0.0
	Nlcb3	0.0	0.0	0.7	0.0	0.0
34	Nlcb1	0.0	0.0	0.7	0.0	0.0
	Nlcb2	0.0	0.0	0.7	0.0	0.0
	Nlcb3	0.0	0.0	0.7	0.0	0.0
35	Nlcb1	0.0	0.0	0.7	0.0	0.0
	Nlcb2	0.0	0.0	0.7	0.0	0.0
	Nlcb3	0.0	0.0	0.7	0.0	0.0
36	Nlcb1	0.0	0.0	0.7	0.0	0.0
	Nlcb2	0.0	0.0	0.7	0.0	0.0
	Nlcb3	0.0	0.0	1.6	0.0	0.0
37	Nlcb1	0.0	0.0	0.6	0.0	0.0
	Nlcb2	0.0	0.0	0.5	0.0	0.0
	Nlcb3	0.0	0.0	3.2	0.0	0.0
38	Nlcb1	0.0	0.0	1.1	0.0	0.0
	Nlcb2	0.0	0.0	1.7	0.0	0.0
	Nlcb3	0.0	0.0	-13.6	0.0	0.0

	0.0	-0.1	0.0	J	80.3	0.0	0.7	18	1	1	Nlcb1	I	1.6	0.0	-0.1	
9	0.0	-0.1	1	Nlcb1	I	3.9	0.0	-0.3	0.0	-0.0	0.0	J	2.2	0.0	0.2	
	0.0	-0.1	0.0	J	3.6	0.0	0.3	0.0	0.0	0.0	Nlcb2	I	0.7	0.0	-0.5	
	0.0	-0.1	0.0	J	4.8	0.0	-0.6	0.0	-0.1	0.0	J	1.6	0.0	0.5		
	0.0	-0.1	0.0	J	4.3	0.0	0.7	0.0	-0.1	0.0	Nlcb3	I	76.2	0.0	-0.6	
	0.0	-0.1	0.0	J	80.3	0.0	-0.7	0.0	-0.1	0.0	J	77.1	0.0	0.5	0.2	
	0.0	-0.1	0.0	J	79.7	0.0	0.7	0.0	19	1	1	Nlcb1	I	-1.6	0.0	0.3
	0.0	-0.1	1	Nlcb1	I	3.6	0.0	-0.3	0.0	-0.1	0.0	J	-1.0	0.0	0.2	
10	0.0	-0.1	0.0	J	3.2	0.0	0.3	0.0	0.0	0.0	Nlcb2	I	-3.3	0.0	-0.7	
	0.0	-0.0	0.0	J	4.3	0.0	-0.6	0.0	-0.0	0.0	J	-2.4	0.0	0.0	0.1	
	0.0	-0.1	0.0	J	3.6	0.0	0.7	0.0	5.5	0.0	Nlcb3	I	72.5	0.0	8.0	
	0.0	-0.1	0.0	J	79.7	0.0	-0.7	0.0	-2.5	0.0	J	73.5	0.0	8.8		
	0.0	-0.1	0.0	J	78.9	0.0	0.7	0.0	20	1	1	Nlcb1	I	-1.0	0.0	0.0
11	0.0	-0.0	1	Nlcb1	I	3.2	0.0	-0.3	0.0	-0.1	0.0	J	-0.3	0.0	-0.1	
	0.0	-0.0	0.0	J	2.7	0.0	0.2	0.0	-0.0	0.0	Nlcb2	I	-2.4	0.0	-0.4	
	0.0	-0.1	0.0	J	3.6	0.0	-0.6	0.0	-0.1	0.0	J	-1.6	0.0	0.5		
	0.0	-0.1	0.0	J	2.6	0.0	0.6	0.0	-2.5	0.0	Nlcb3	I	73.0	0.0	-2.7	
	0.0	-0.1	0.0	J	78.9	0.0	-0.7	0.0	-0.3	0.0	J	73.8	0.0	-1.8		
	0.0	-0.1	0.0	J	78.0	0.0	0.7	0.0	21	1	1	Nlcb1	I	-0.3	0.0	-0.1
12	0.0	-0.1	1	Nlcb1	I	2.7	0.0	-0.2	0.0	0.0	0.0	J	0.3	0.0	-0.1	
	0.0	-0.0	0.0	J	2.2	0.0	0.2	0.0	-0.1	0.0	Nlcb2	I	-1.6	0.0	-0.4	
	0.0	-0.1	0.0	J	1.6	0.0	0.5	0.0	-0.1	0.0	J	-1.0	0.0	0.4		
	0.0	-0.1	0.0	J	78.0	0.0	-0.6	0.0	-0.3	0.0	Nlcb3	I	74.0	0.0	-0.9	
	0.0	-0.1	0.0	J	77.1	0.0	0.6	0.0	0.1	0.0	J	74.6	0.0	0.1		
	0.0	-0.1	0.0	J	77.1	0.0	0.6	0.0	22	1	1	Nlcb1	I	0.3	0.0	-0.1
13	0.0	0.1	1	Nlcb1	I	-1.6	0.0	0.3	0.0	0.1	0.0	J	1.0	0.0	0.0	
	0.0	0.1	0.0	J	-1.0	0.0	0.2	0.0	-0.1	0.0	Nlcb2	I	-1.0	0.0	-0.4	
	0.0	-0.3	0.0	J	-3.3	0.0	-0.7	0.0	-0.1	0.0	J	-0.2	0.0	0.4		
	0.0	-0.0	0.0	J	-2.4	0.0	0.1	0.0	0.1	0.0	Nlcb3	I	74.7	0.0	-0.4	
	0.0	5.5	0.0	J	72.5	0.0	8.0	0.0	-0.0	0.0	J	75.4	0.0	0.6		
	0.0	-2.5	0.0	J	73.5	0.0	8.8	0.0	23	1	1	Nlcb1	I	1.0	0.0	0.0
14	0.0	-0.1	1	Nlcb1	I	-1.0	0.0	0.0	0.0	-0.0	0.0	J	1.6	0.0	0.2	
	0.0	-0.1	0.0	J	-0.3	0.0	-0.1	0.0	-0.1	0.0	Nlcb2	I	-0.2	0.0	-0.4	
	0.0	-0.0	0.0	J	-2.4	0.0	-0.4	0.0	-0.1	0.0	J	0.7	0.0	0.4		
	0.0	-0.1	0.0	J	-1.6	0.0	0.5	0.0	-0.0	0.0	Nlcb3	I	75.4	0.0	-0.5	
	0.0	-2.5	0.0	J	73.0	0.0	-2.7	0.0	-0.1	0.0	J	76.2	0.0	0.6		
	0.0	-0.3	0.0	J	73.8	0.0	-1.8	0.0	24	1	1	Nlcb1	I	1.6	0.0	-0.1
15	0.0	-0.1	1	Nlcb1	I	-0.3	0.0	-0.1	0.0	-0.0	0.0	J	2.2	0.0	0.2	
	0.0	0.0	0.0	J	0.3	0.0	-0.1	0.0	-0.1	0.0	Nlcb2	I	0.7	0.0	-0.5	
	0.0	-0.1	0.0	J	-1.6	0.0	-0.4	0.0	-0.1	0.0	J	1.6	0.0	0.5		
	0.0	-0.1	0.0	J	-1.0	0.0	0.4	0.0	-0.1	0.0	Nlcb3	I	76.2	0.0	-0.6	
	0.0	-0.3	0.0	J	74.0	0.0	-0.9	0.0	-0.1	0.0	J	77.1	0.0	0.5		
	0.0	0.1	0.0	J	74.6	0.0	0.1	0.0	25	1	1	Nlcb1	I	-0.1	0.0	0.2
16	0.0	0.0	1	Nlcb1	I	0.3	0.0	-0.1	0.0	0.2	0.0	J	-0.1	0.0	-0.4	
	0.0	0.1	0.0	J	1.0	0.0	0.0	0.0	-0.3	0.0	Nlcb2	I	-1.6	0.0	-0.2	
	0.0	-0.1	0.0	J	-1.0	0.0	-0.4	0.0	0.3	0.0	J	-1.6	0.0	-0.9		
	0.0	-0.1	0.0	J	-0.2	0.0	0.4	0.0	5.5	0.0	Nlcb3	I	71.8	0.0	9.0	
	0.0	0.1	0.0	J	74.7	0.0	-0.4	0.0	-3.0	0.0	J	71.8	0.0	8.3		
	0.0	-0.0	0.0	J	75.4	0.0	0.6	0.0	26	1	1	Nlcb1	I	-0.1	0.0	0.5
17	0.0	-0.1	1	Nlcb1	I	1.0	0.0	0.0	0.0	0.1	0.0	J	-0.1	0.0	-0.2	
	0.0	-0.0	0.0	J	1.6	0.0	0.2	0.0	0.3	0.0	Nlcb2	I	-1.6	0.0	0.6	
	0.0	-0.1	0.0	J	-0.2	0.0	-0.4	0.0	0.1	0.0	J	-1.6	0.0	-0.1		
	0.0	-0.1	0.0	J	0.7	0.0	0.4	0.0	-3.0	0.0	Nlcb3	I	71.8	0.0	-2.5	
	0.0	-0.0	0.0	J	75.4	0.0	-0.5	0.0	-0.2	0.0	J	71.8	0.0	-3.2		
	0.0	-0.1	0.0	J	76.2	0.0	0.6	0.0	27	1	1	Nlcb1	I	-0.1	0.0	0.3

0.0	0.0	0.0												
0.0	0.1	0.0	Nlcb2	I	-1.6	0.0	0.4							
0.0	0.0	0.0	J	-1.6	0.0	-0.3								
0.0	-0.2	0.0	Nlcb3	I	71.8	0.0	-0.0							
0.0	0.2	0.0	J	71.8	0.0	-0.7								
28	1	1	Nlcb1	I	-0.1	0.0	0.3							
0.0	0.0	0.0	J	-0.1	0.0	-0.3								
0.0	0.1	0.0	J	-1.6	0.0	0.3								
0.0	0.0	0.0	J	-1.6	0.0	-0.3								
0.0	0.1	0.0	Nlcb2	I	-1.6	0.0	0.3							
0.0	0.2	0.0	Nlcb3	I	71.8	0.0	0.4							
0.0	0.1	0.0	J	71.8	0.0	-0.2								
29	1	1	Nlcb1	I	-0.1	0.0	0.3							
0.0	0.1	0.0	J	-0.1	0.0	-0.3								
0.0	0.1	0.0	Nlcb2	I	-1.6	0.0	0.3							
0.0	0.1	0.0	J	-1.6	0.0	-0.3								
0.0	0.1	0.0	Nlcb3	I	71.8	0.0	0.3							
0.0	0.0	0.0	J	71.8	0.0	-0.3								
30	1	1	Nlcb1	I	-0.1	0.0	0.3							
0.0	0.1	0.0	J	-0.1	0.0	-0.3								
0.0	0.1	0.0	Nlcb2	I	-1.6	0.0	0.3							
0.0	0.1	0.0	J	-1.6	0.0	-0.3								
0.0	0.0	0.0	Nlcb3	I	71.8	0.0	0.3							
0.0	0.0	0.0	J	71.8	0.0	-0.3								
31	1	1	Nlcb1	I	-0.1	0.0	0.3							
0.0	0.1	0.0	J	-0.1	0.0	-0.3								
0.0	0.1	0.0	Nlcb2	I	-1.6	0.0	0.3							
0.0	0.1	0.0	J	-1.6	0.0	-0.3								
0.0	0.0	0.0	Nlcb3	I	71.8	0.0	0.3							
0.0	0.1	0.0	J	71.8	0.0	-0.3								
32	1	1	Nlcb1	I	-0.1	0.0	0.3							
0.0	0.1	0.0	J	-0.1	0.0	-0.3								
0.0	0.0	0.0	Nlcb2	I	-1.6	0.0	0.3							
0.0	0.0	0.0	J	-1.6	0.0	-0.3								
0.0	0.1	0.0	Nlcb3	I	71.8	0.0	0.2							
0.0	0.2	0.0	J	71.8	0.0	-0.4								
33	1	1	Nlcb1	I	-0.1	0.0	0.3							
0.0	0.0	0.0	J	-0.1	0.0	-0.3								
0.0	0.1	0.0	Nlcb2	I	-1.6	0.0	0.3							
0.0	0.1	0.0	J	-1.6	0.0	-0.4								
0.0	0.0	0.0	Nlcb3	I	71.8	0.0	0.7							
0.0	0.2	0.0	J	71.8	0.0	0.0								
0.0	-0.2	0.0	J	71.8	0.0	0.0								
34	1	1	Nlcb1	I	-0.1	0.0	0.2							
0.0	0.1	0.0	J	-0.1	0.0	-0.5								
0.0	0.2	0.0	J	-0.1	0.0	0.1								
0.0	0.1	0.0	Nlcb2	I	-1.6	0.0	0.1							
0.0	0.3	0.0	J	-1.6	0.0	-0.6								
0.0	0.0	0.0	Nlcb3	I	71.8	0.0	3.2							
0.0	-0.2	0.0	J	71.8	0.0	2.5								
0.0	-3.0	0.0	J	71.8	0.0	-9.0								
35	1	1	Nlcb1	I	-0.1	0.0	0.4							
0.0	0.2	0.0	J	-0.1	0.0	-0.2								
0.0	0.1	0.0	J	-1.6	0.0	0.9								
0.0	0.3	0.0	J	-1.6	0.0	0.2								
0.0	-0.3	0.0	J	-1.6	0.0	-8.3								
0.0	-3.0	0.0	Nlcb3	I	71.8	0.0	-8.3							
0.0	5.5	0.0	J	71.8	0.0	-9.0								

BEAM ELEMENT FORCES & MOMENTS MIN/MAX SUMMARY BY PROPERTY PRINTOUT
System : tonf , m Unit

* LENGTH : the length of between two nodes

[SECTION NAME : 0.3 , SECTION 10 : 1 , SECTION SHAPE : SB]
[SECTION SIZE : H=0.27 B=1]
** MAX

ELEM	COM	MOMENT-y	MOMENT-z	LC	LENGTH	PT	AXIAL	SHEAR-y	SHEAR-z	TORSION
6	AXL	Nlcb3	1	J	80.7	0.0	0.6	0.0		
-0.1	1 SHY	Nlcb1	1	I	2.2	0.0	-0.2	0.0		
-0.0	25 SHZ	Nlcb3	1	I	71.8	0.0	9.0	0.0		
5.5	35 TOR	Nlcb3	1	J	71.8	0.0	-9.0	0.0		
5.5	19 MTY	Nlcb3	1	I	72.5	0.0	8.0	0.0		
5.5	7 MTZ	Nlcb3	1	I	80.7	0.0	-0.6	0.0		

** MIN

ELEM	COM	MOMENT-y	MOMENT-z	LC	LENGTH
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0.0	8.1	-8.1		J	285.4	0.0	3.0	0.0
0.0	6.3	-6.3						
25	1		Nlcb1	I	-0.5	0.0	1.4	0.0
0.0	-7.6	7.6	J	-0.5	0.0	-2.3	0.0	
0.0	-14.7	14.7						
0.0	22.5	-22.5	Nlcb2	I	-6.1	0.0	-1.3	0.0
0.0	-23.3	23.3	J	-6.1	0.0	-5.0	0.0	
0.0	-455.0	455.0	Nlcb3	I	265.8	0.0	50.0	0.0
0.0	247.9	-247.9	J	265.8	0.0	46.3	0.0	
26	1		Nlcb1	I	-0.5	0.0	2.6	0.0
0.0	-14.7	14.7	J	-0.5	0.0	-1.1	0.0	
0.0	-4.4	4.4						
0.0	-23.3	23.3	Nlcb2	I	-6.1	0.0	3.1	0.0
0.0	-5.6	5.6	J	-6.1	0.0	-0.6	0.0	
0.0	247.9	-247.9	Nlcb3	I	265.8	0.0	-14.1	0.0
0.0	14.4	-14.4	J	265.8	0.0	-17.8	0.0	
27	1		Nlcb1	I	-0.5	0.0	1.9	0.0
0.0	-4.4	4.4	J	-0.5	0.0	-1.8	0.0	
0.0	-4.1	4.1						
0.0	-5.6	5.6	Nlcb2	I	-6.1	0.0	2.0	0.0
0.0	-3.7	3.7	J	-6.1	0.0	-1.7	0.0	
0.0	14.4	-14.4	Nlcb3	I	265.8	0.0	-0.1	0.0
0.0	-14.7	14.7	J	265.8	0.0	-3.8	0.0	
28	1		Nlcb1	I	-0.5	0.0	1.8	0.0
0.0	-4.1	4.1	J	-0.5	0.0	-1.9	0.0	
0.0	-4.5	4.5						
0.0	-3.7	3.7	Nlcb2	I	-6.1	0.0	1.8	0.0
0.0	-4.5	4.5	J	-6.1	0.0	-1.9	0.0	
0.0	-14.7	14.7	Nlcb3	I	265.8	0.0	2.5	0.0
0.0	-5.3	5.3	J	265.8	0.0	-1.2	0.0	
29	1		Nlcb1	I	-0.5	0.0	1.8	0.0
0.0	-4.5	4.5	J	-0.5	0.0	-1.9	0.0	
0.0	-4.5	4.5						
0.0	-4.5	4.5	Nlcb2	I	-6.1	0.0	1.8	0.0
0.0	-4.5	4.5	J	-6.1	0.0	-1.9	0.0	
0.0	-5.3	5.3	Nlcb3	I	265.8	0.0	1.9	0.0
0.0	-4.1	4.1	J	265.8	0.0	-1.8	0.0	
30	1		Nlcb1	I	-0.5	0.0	1.8	0.0
0.0	-4.5	4.5	J	-0.5	0.0	-1.8	0.0	
0.0	-4.5	4.5						
0.0	-4.5	4.5	Nlcb2	I	-6.1	0.0	1.8	0.0
0.0	-4.5	4.5	J	-6.1	0.0	-1.8	0.0	
0.0	-4.1	4.1	Nlcb3	I	265.8	0.0	1.8	0.0
0.0	-4.1	4.1	J	265.8	0.0	-1.8	0.0	
31	1		Nlcb1	I	-0.5	0.0	1.9	0.0
0.0	-4.5	4.5	J	-0.5	0.0	-1.8	0.0	
0.0	-4.5	4.5						
0.0	-4.5	4.5	Nlcb2	I	-6.1	0.0	1.9	0.0
0.0	-4.5	4.5	J	-6.1	0.0	-1.8	0.0	
0.0	-4.1	4.1	Nlcb3	I	265.8	0.0	1.8	0.0
0.0	-5.3	5.3	J	265.8	0.0	-1.9	0.0	
32	1		Nlcb1	I	-0.5	0.0	1.9	0.0
0.0	-4.5	4.5	J	-0.5	0.0	-1.8	0.0	
0.0	-4.1	4.1						
0.0	-4.5	4.5	Nlcb2	I	-6.1	0.0	1.9	0.0
0.0	-3.7	3.7	J	-6.1	0.0	-1.8	0.0	
0.0	-5.3	5.3	Nlcb3	I	265.8	0.0	1.2	0.0
0.0	-14.7	14.7	J	265.8	0.0	-2.5	0.0	
33	1		Nlcb1	I	-0.5	0.0	1.8	0.0
0.0	-4.1	4.1	J	-0.5	0.0	-1.9	0.0	
0.0	-4.4	4.4						
0.0	-3.7	3.7	Nlcb2	I	-6.1	0.0	1.7	0.0
0.0	-5.6	5.6	J	-6.1	0.0	-2.0	0.0	
0.0	-14.7	14.7	Nlcb3	I	265.8	0.0	3.8	0.0
0.0	14.4	-14.4	J	265.8	0.0	0.1	0.0	

```
[ SECTION NAME : 0.3 , SECTION ID : 1 , SECTION SHAPE : SB ]
[ SECTION SIZE ] H:0.27 B:1
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REACTION FORCES & MOMENTS DEFAULT PRINTOUT.
System : tonf , m

Node	LC	FX	FY	FZ	MX	MY
MZ						
4	Nlcb1	0.0	0.0	1.9	0.0	0.0
	0.0					
	Nlcb2	0.0	0.0	2.7	0.0	0.0
	0.0					
	Nlcb3	-42.5	0.0	-57.8	0.0	0.0
	0.0					
5	Nlcb1	0.0	0.0	1.9	0.0	0.0
	0.0					
	Nlcb2	0.0	0.0	2.7	0.0	0.0
	0.0					
	Nlcb3	42.5	0.0	-57.8	0.0	0.0
	0.0					
6	Nlcb1	-0.6	0.0	0.4	0.0	0.0
	0.0					
	Nlcb2	-1.1	0.0	0.6	0.0	0.0
	0.0					
	Nlcb3	-11.8	0.0	6.9	0.0	0.0
	0.0					
7	Nlcb1	0.6	0.0	0.4	0.0	0.0
	0.0					
	Nlcb2	1.1	0.0	0.6	0.0	0.0
	0.0					
	Nlcb3	11.8	0.0	6.9	0.0	0.0
	0.0					
8	Nlcb1	0.7	0.0	0.6	0.0	0.0
	0.0					
	Nlcb2	1.2	0.0	1.0	0.0	0.0
	0.0					
	Nlcb3	11.4	0.0	9.5	0.0	0.0
	0.0					
9	Nlcb1	0.7	0.0	0.8	0.0	0.0
	0.0					
	Nlcb2	1.2	0.0	1.4	0.0	0.0
	0.0					
	Nlcb3	9.7	0.0	11.6	0.0	0.0
	0.0					

10	Nlcb1	0.6	0.0	1.1	0.0	0.0
0.0	Nlcb2	1.0	0.0	1.8	0.0	0.0
0.0	Nlcb3	7.6	0.0	13.2	0.0	0.0
0.0						
11	Nlcb1	0.5	0.0	1.2	0.0	0.0
0.0	Nlcb2	0.7	0.0	1.9	0.0	0.0
0.0	Nlcb3	5.3	0.0	14.4	0.0	0.0
0.0						
12	Nlcb1	0.2	0.0	1.4	0.0	0.0
0.0	Nlcb2	0.3	0.0	1.9	0.0	0.0
0.0	Nlcb3	2.7	0.0	15.1	0.0	0.0
0.0						
13	Nlcb1	0.0	0.0	1.4	0.0	0.0
0.0	Nlcb2	0.0	0.0	1.8	0.0	0.0
0.0	Nlcb3	0.0	0.0	15.2	0.0	0.0
0.0						
14	Nlcb1	-0.2	0.0	1.4	0.0	0.0
0.0	Nlcb2	-0.3	0.0	1.9	0.0	0.0
0.0	Nlcb3	-2.7	0.0	15.1	0.0	0.0
0.0						
15	Nlcb1	-0.5	0.0	1.2	0.0	0.0
0.0	Nlcb2	-0.7	0.0	1.9	0.0	0.0
0.0	Nlcb3	-5.3	0.0	14.4	0.0	0.0
0.0						
16	Nlcb1	-0.6	0.0	1.1	0.0	0.0
0.0	Nlcb2	-1.0	0.0	1.8	0.0	0.0
0.0	Nlcb3	-7.6	0.0	13.2	0.0	0.0
0.0						
17	Nlcb1	-0.7	0.0	0.8	0.0	0.0
0.0	Nlcb2	-1.2	0.0	1.4	0.0	0.0
0.0	Nlcb3	-9.7	0.0	11.6	0.0	0.0
0.0						
18	Nlcb1	-0.7	0.0	0.6	0.0	0.0
0.0	Nlcb2	-1.2	0.0	1.0	0.0	0.0
0.0	Nlcb3	-11.4	0.0	9.5	0.0	0.0
0.0						
19	Nlcb1	0.0	0.0	0.0	0.0	0.0
0.0	Nlcb2	-0.1	0.0	-0.0	0.0	0.0
0.0	Nlcb3	-21.8	0.0	-5.1	0.0	0.0
0.0						
20	Nlcb1	0.0	0.0	0.0	0.0	0.0
0.0	Nlcb2	-0.6	0.0	-0.0	0.0	0.0
0.0	Nlcb3	-10.2	0.0	-0.8	0.0	0.0
0.0						
21	Nlcb1	0.0	0.0	0.0	0.0	0.0
0.0	Nlcb2	-0.7	0.0	0.1	0.0	0.0
0.0	Nlcb3	-11.7	0.0	0.8	0.0	0.0
0.0						
22	Nlcb1	-0.1	0.0	0.0	0.0	0.0
0.0	Nlcb2	-0.8	0.0	0.2	0.0	0.0
0.0	Nlcb3	-12.1	0.0	2.7	0.0	0.0
0.0						
23	Nlcb1	-0.5	0.0	0.2	0.0	0.0
0.0	Nlcb2	-0.9	0.0	0.4	0.0	0.0
0.0	Nlcb3	-11.8	0.0	4.6	0.0	0.0
0.0						
24	Nlcb1	0.0	0.0	0.0	0.0	0.0
0.0	Nlcb2	0.1	0.0	-0.0	0.0	0.0
0.0	Nlcb3	21.8	0.0	-5.1	0.0	0.0
0.0						
25	Nlcb1	0.0	0.0	0.0	0.0	0.0
0.0	Nlcb2	0.6	0.0	-0.0	0.0	0.0
0.0	Nlcb3	10.2	0.0	-0.8	0.0	0.0
0.0						
26	Nlcb1	0.0	0.0	0.0	0.0	0.0
0.0	Nlcb2	0.7	0.0	0.1	0.0	0.0
0.0	Nlcb3	11.7	0.0	0.8	0.0	0.0
0.0						
27	Nlcb1	0.1	0.0	0.0	0.0	0.0
0.0	Nlcb2	0.8	0.0	0.2	0.0	0.0
0.0	Nlcb3	12.1	0.0	2.7	0.0	0.0
0.0						
28	Nlcb1	0.5	0.0	0.2	0.0	0.0
0.0	Nlcb2	0.9	0.0	0.4	0.0	0.0
0.0	Nlcb3	11.8	0.0	4.6	0.0	0.0
0.0						
29	Nlcb1	0.0	0.0	0.9	0.0	0.0
0.0	Nlcb2	0.0	0.0	1.4	0.0	0.0
0.0						

0	Nlcb3	0.0	0.0	-10.9	0.0	0.0
0.0						
30	Nlcb1	0.0	0.0	0.5	0.0	0.0
0.0	Nlcb2	0.0	0.0	0.5	0.0	0.0
0.0	Nlcb3	0.0	0.0	3.2	0.0	0.0
0.0						
31	Nlcb1	0.0	0.0	0.7	0.0	0.0
0.0	Nlcb2	0.0	0.0	0.6	0.0	0.0
0.0	Nlcb3	0.0	0.0	1.1	0.0	0.0
0.0						
32	Nlcb1	0.0	0.0	0.7	0.0	0.0
0.0	Nlcb2	0.0	0.0	0.7	0.0	0.0
0.0	Nlcb3	0.0	0.0	0.6	0.0	0.0
0.0						
33	Nlcb1	0.0	0.0	0.7	0.0	0.0
0.0	Nlcb2	0.0	0.0	0.7	0.0	0.0
0.0	Nlcb3	0.0	0.0	0.7	0.0	0.0
0.0						
34	Nlcb1	0.0	0.0	0.7	0.0	0.0
0.0	Nlcb2	0.0	0.0	0.7	0.0	0.0
0.0	Nlcb3	0.0	0.0	0.7	0.0	0.0
0.0						
35	Nlcb1	0.0	0.0	0.7	0.0	0.0
0.0	Nlcb2	0.0	0.0	0.7	0.0	0.0
0.0	Nlcb3	0.0	0.0	0.6	0.0	0.0
0.0						
36	Nlcb1	0.0	0.0	0.7	0.0	0.0
0.0	Nlcb2	0.0	0.0	0.6	0.0	0.0
0.0	Nlcb3	0.0	0.0	1.1	0.0	0.0
0.0						
37	Nlcb1	0.0	0.0	0.5	0.0	0.0
0.0	Nlcb2	0.0	0.0	0.5	0.0	0.0
0.0	Nlcb3	0.0	0.0	3.2	0.0	0.0
0.0						
38	Nlcb1	0.0	0.0	0.9	0.0	0.0
0.0	Nlcb2	0.0	0.0	1.4	0.0	0.0
0.0	Nlcb3	0.0	0.0	-10.9	0.0	0.0
0.0						

SUMMATION OF REACTION FORCES

LC	SUM-FX	SUM-FY	SUM-FZ
Nlcb1	0.0	0.0	23.3
Nlcb2	0.0	0.0	33.5
Nlcb3	0.0	0.0	35.2

REACTION FORCES & MOMENTS LOCAL PRINTOUT.
System : tonf , m

Node	MX	LC	FX	FY	FZ	MY