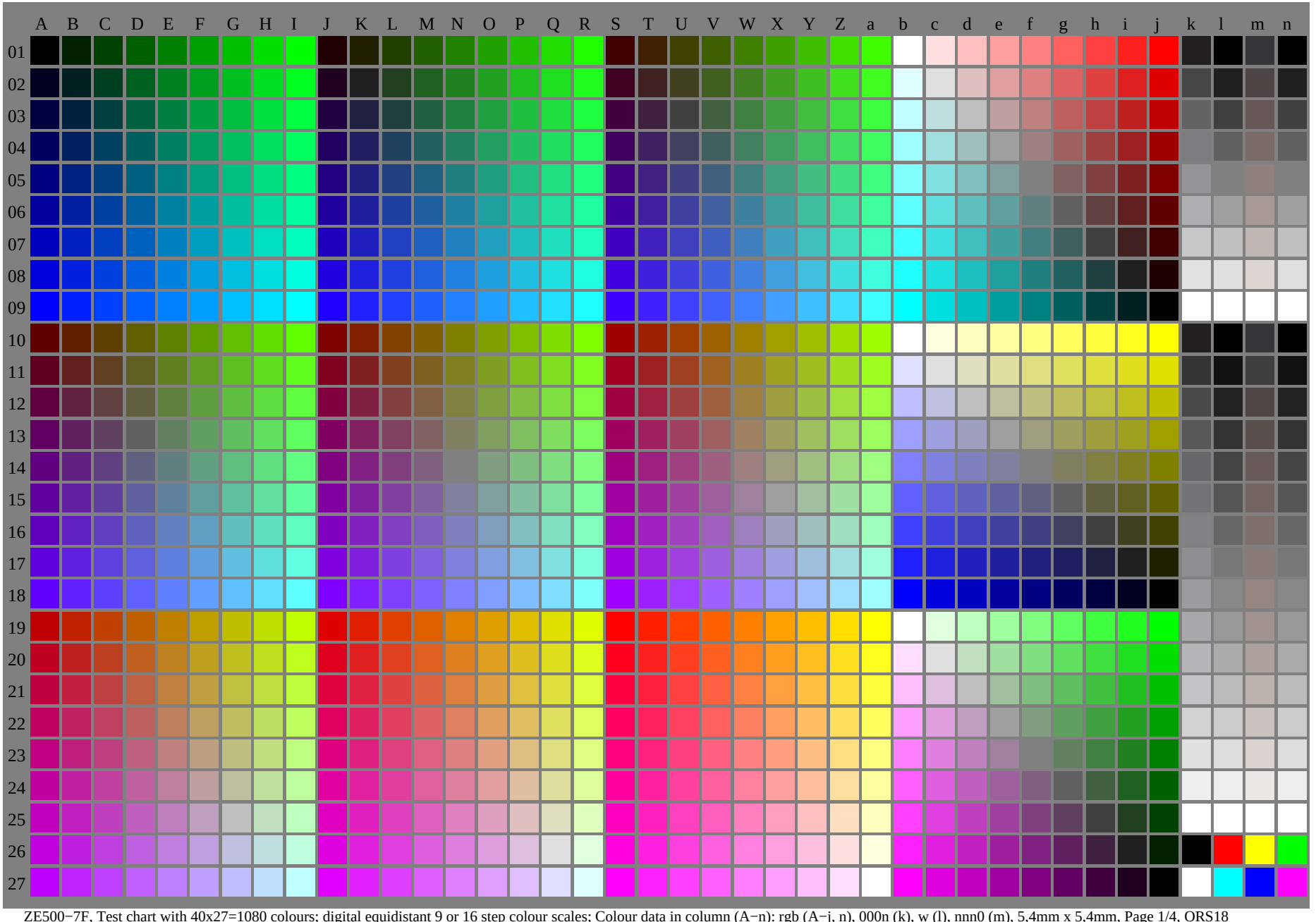
See for similar files: http://www.ps.bam.de/ZE50/; www.ps.bam.de/ZE.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM registration: 20071001-ZE50/10L/L50E00FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems



ZE500−7F, Test chart with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Page 1/4, ORS18

See for similar files: http://www.ps.bam.de/ZE50/; www.ps.bam.de/ZE.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM registration: 20071001-ZE50/10L/L50E00FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
01	0000 A01 0.0 0.0 0.125	0009 B01 0.0 0.0 0.125	0018 C01 0.0 0.0 0.25	0027 D01 0.0 0.125 0.375	0036 E01 0.0 0.25 0.5	0045 F01 0.0 0.375 0.625	0054 G01 0.0 0.5 0.75	0063 H01 0.0 0.625 0.875	0072 I01 0.0 0.75 1.0	0081 J01 0.125 0.0 0.0	0090 K01 0.125 0.125 0.125	0099 L01 0.125 0.25 0.375	0108 M01 0.125 0.375 0.5	0117 N01 0.125 0.5 0.625	0126 O01 0.125 0.625 0.75	0135 P01 0.125 0.75 0.875	0144 Q01 0.125 0.875 1.0	0153 R01 0.125 1.0 0.0	0162 S01 0.25 0.0 0.0	0171 T01 0.25 0.125 0.25	0180 U01 0.25 0.25 0.375	0189 V01 0.25 0.375 0.5	0198 W01 0.25 0.5 0.625	0207 X01 0.25 0.625 0.75	0216 Y01 0.25 0.75 0.875	0225 Z01 0.25 0.875 1.0	0234 a01 0.25 1.0 0.0	7b01 1.0 0.0 0.125	738 c01 1.0 0.125 0.25	747 d01 1.0 0.25 0.375	756 e01 1.0 0.375 0.5	765 f01 1.0 0.5 0.625	774 g01 1.0 0.625 0.75	784 h01 1.0 0.75 0.875	792 i01 1.0 0.875 1.0	801 j01 1.0 1.0 0.0	0972 k01 n*=1.0 0.00n* setcmyk	0981 l01 w*=0.0 w* setgray	0990 m01 n*=1.0 nnn0* setcmyk	0999 n01 w*=0.0 www* setgrb
02	0001 A02 0.0 0.125 0.125	0010 B02 0.0 0.125 0.25	0019 C02 0.0 0.25 0.375	0028 D02 0.0 0.375 0.5	0037 E02 0.0 0.5 0.625	0046 F02 0.0 0.625 0.75	0055 G02 0.0 0.75 0.875	0064 H02 0.0 0.875 1.0	0073 I02 0.0 1.0 0.125	0082 J02 0.125 0.125 0.125	0091 K02 0.125 0.125 0.25	0100 L02 0.125 0.25 0.375	0109 M02 0.125 0.375 0.5	0118 N02 0.125 0.5 0.625	0127 O02 0.125 0.625 0.75	0136 P02 0.125 0.75 0.875	0145 Q02 0.125 0.875 1.0	0154 R02 0.125 1.0 0.0	0163 S02 0.25 0.0 0.125	0172 T02 0.25 0.125 0.25	0181 U02 0.25 0.25 0.375	0190 V02 0.25 0.375 0.5	0199 W02 0.25 0.5 0.625	0208 X02 0.25 0.625 0.75	0217 Y02 0.25 0.75 0.875	0226 Z02 0.25 0.875 1.0	0235 a02 0.25 1.0 0.125	730 b02 1.0 0.0 0.125	739 c02 1.0 0.125 0.25	748 d02 1.0 0.25 0.375	757 e02 1.0 0.375 0.5	766 f02 1.0 0.5 0.625	775 g02 1.0 0.625 0.75	784 h02 1.0 0.75 0.875	793 i02 1.0 0.875 1.0	802 j02 1.0 1.0 0.125	0973 k02 n*=0.875 000n* setcmyk	0982 l02 w*=0.125 w* setgray	0991 m02 n*=0.875 nnn0* setcmyk	1000 n02 w*=0.125 www* setgrb
03	0002 A03 0.0 0.125 0.25	0011 B03 0.0 0.125 0.25	0020 C03 0.0 0.25 0.375	0029 D03 0.0 0.375 0.5	0038 E03 0.0 0.5 0.625	0047 F03 0.0 0.625 0.75	0056 G03 0.0 0.75 0.875	0065 H03 0.0 0.875 1.0	0074 I03 0.0 1.0 0.125	0083 J03 0.125 0.125 0.25	0092 K03 0.125 0.25 0.375	0101 L03 0.125 0.375 0.5	0110 M03 0.125 0.5 0.625	0119 N03 0.125 0.625 0.75	0128 O03 0.125 0.75 0.875	0137 P03 0.125 0.875 1.0	0146 Q03 0.125 1.0 0.0	0155 R03 0.125 0.0 0.25	0164 S03 0.25 0.125 0.25	0173 T03 0.25 0.25 0.375	0182 U03 0.25 0.375 0.5	0191 V03 0.25 0.5 0.625	0200 W03 0.25 0.625 0.75	0209 X03 0.25 0.75 0.875	0218 Y03 0.25 0.875 1.0	0227 Z03 0.25 1.0 0.125	0236 a03 0.25 0.0 0.25	731 b03 1.0 0.125 0.25	740 c03 1.0 0.25 0.375	749 d03 1.0 0.375 0.5	758 e03 1.0 0.5 0.625	767 f03 1.0 0.625 0.75	776 g03 1.0 0.75 0.875	785 h03 1.0 0.875 1.0	794 i03 1.0 1.0 0.0	803 j03 1.0 0.0 0.125	0974 k03 n*=0.75 000n* setcmyk	0983 l03 w*=0.25 w* setgray	0992 m03 n*=0.75 nnn0* setcmyk	1001 n03 w*=0.25 www* setgrb
04	0003 A04 0.0 0.125 0.375	0012 B04 0.0 0.25 0.375	0021 C04 0.0 0.375 0.375	0030 D04 0.0 0.5 0.375	0039 E04 0.0 0.625 0.375	0048 F04 0.0 0.75 0.375	0057 G04 0.0 0.875 0.375	0066 H04 0.0 1.0 0.375	0075 I04 0.125 0.125 0.375	0084 J04 0.125 0.25 0.375	0093 K04 0.125 0.375 0.375	0102 L04 0.125 0.5 0.375	0111 M04 0.125 0.625 0.375	0120 N04 0.125 0.75 0.375	0129 O04 0.125 0.875 0.375	0138 P04 0.125 1.0 0.375	0147 Q04 0.125 0.0 0.375	0156 R04 0.125 0.125 0.375	0165 S04 0.25 0.25 0.375	0174 T04 0.25 0.375 0.375	0183 U04 0.25 0.5 0.375	0192 V04 0.25 0.625 0.375	0201 W04 0.25 0.75 0.375	0210 X04 0.25 0.875 0.375	0219 Y04 0.25 1.0 0.375	0228 Z04 0.25 0.125 0.375	0237 a04 0.25 0.25 0.375	732 b04 1.0 0.25 0.375	741 c04 1.0 0.375 0.375	750 d04 1.0 0.5 0.375	759 e04 1.0 0.625 0.375	768 f04 1.0 0.75 0.375	777 g04 1.0 0.875 0.375	786 h04 1.0 1.0 0.375	795 i04 1.0 0.0 0.125	804 j04 1.0 0.125 0.25	0975 k04 n*=0.625 000n* setcmyk	0984 l04 w*=0.375 w* setgray	0993 m04 n*=0.625 nnn0* setcmyk	1002 n04 w*=0.375 www* setgrb
05	0004 A05 0.0 0.125 0.5	0013 B05 0.0 0.25 0.5	0022 C05 0.0 0.375 0.5	0031 D05 0.0 0.5 0.5	0040 E05 0.0 0.625 0.5	0049 F05 0.0 0.75 0.5	0058 G05 0.0 0.875 0.5	0067 H05 0.0 1.0 0.5	0076 I05 0.125 0.125 0.5	0085 J05 0.125 0.25 0.5	0094 K05 0.125 0.375 0.5	0103 L05 0.125 0.5 0.5	0112 M05 0.125 0.625 0.5	0121 N05 0.125 0.75 0.5	0130 O05 0.125 0.875 0.5	0139 P05 0.125 1.0 0.5	0148 Q05 0.125 0.0 0.5	0157 R05 0.125 0.125 0.5	0166 S05 0.25 0.25 0.5	0175 T05 0.25 0.375 0.5	0184 U05 0.25 0.5 0.5	0193 V05 0.25 0.625 0.5	0202 W05 0.25 0.75 0.5	0211 X05 0.25 0.875 0.5	0220 Y05 0.25 1.0 0.5	0229 Z05 0.25 0.125 0.5	0238 a05 0.25 0.25 0.5	733 b05 1.0 0.375 0.5	742 c05 1.0 0.5 0.5	751 d05 1.0 0.625 0.5	760 e05 1.0 0.75 0.5	769 f05 1.0 0.875 0.5	778 g05 1.0 1.0 0.5	787 h05 1.0 0.0 0.125	796 i05 1.0 0.125 0.25	805 j05 1.0 0.25 0.375	0976 k05 n*=0.5 000n* setcmyk	0985 l05 w*=0.5 w* setgray	0994 m05 n*=0.5 nnn0* setcmyk	1003 n05 w*=0.5 www* setgrb
06	0005 A06 0.0 0.125 0.625	0014 B06 0.0 0.25 0.625	0023 C06 0.0 0.375 0.625	0032 D06 0.0 0.5 0.625	0041 E06 0.0 0.625 0.625	0050 F06 0.0 0.75 0.625	0059 G06 0.0 0.875 0.625	0068 H06 0.0 1.0 0.625	0077 I06 0.125 0.125 0.625	0086 J06 0.125 0.25 0.625	0095 K06 0.125 0.375 0.625	0104 L06 0.125 0.5 0.625	0113 M06 0.125 0.625 0.625	0122 N06 0.125 0.75 0.625	0131 O06 0.125 0.875 0.625	0140 P06 0.125 1.0 0.625	0149 Q06 0.125 0.0 0.625	0158 R06 0.125 0.125 0.625	0167 S06 0.25 0.25 0.625	0176 T06 0.25 0.375 0.625	0185 U06 0.25 0.5 0.625	0194 V06 0.25 0.625 0.625	0203 W06 0.25 0.75 0.625	0212 X06 0.25 0.875 0.625	0221 Y06 0.25 1.0 0.625	0230 Z06 0.25 0.125 0.625	0239 a06 0.25 0.25 0.625	734 b06 1.0 0.375 0.625	743 c06 1.0 0.375 0.625	752 d06 1.0 0.5 0.625	761 e06 1.0 0.625 0.625	770 f06 1.0 0.75 0.625	779 g06 1.0 0.875 0.625	788 h06 1.0 1.0 0.625	797 i06 1.0 0.0 0.125	806 j06 1.0 0.125 0.25	0977 k06 n*=0.375 000n* setcmyk	0986 l06 w*=0.625 w* setgray	0995 m06 n*=0.375 nnn0* setcmyk	1004 n06 w*=0.625 www* setgrb
07	0006 A07 0.0 0.125 0.75	0015 B07 0.0 0.25 0.75	0024 C07 0.0 0.375 0.75	0033 D07 0.0 0.5 0.75	0042 E07 0.0 0.625 0.75	0051 F07 0.0 0.75 0.75	0060 G07 0.0 0.875 0.75	0069 H07 0.0 1.0 0.75	0078 I07 0.125 0.125 0.75	0087 J07 0.125 0.25 0.75	0096 K07 0.125 0.375 0.75	0105 L07 0.125 0.5 0.75	0114 M07 0.125 0.625 0.75	0123 N07 0.125 0.75 0.75	0132 O07 0.125 0.875 0.75	0141 P07 0.125 1.0 0.75	0150 Q07 0.125 0.0 0.75	0159 R07 0.125 0.125 0.75	0168 S07 0.25 0.25 0.75	0177 T07 0.25 0.375 0.75	0186 U07 0.25 0.5 0.75	0195 V07 0.25 0.625 0.75	0204 W07 0.25 0.75 0.75	0213 X07 0.25 0.875 0.75	0222 Y07 0.25 1.0 0.75	0231 Z07 0.25 0.125 0.75	0240 a07 0.25 0.25 0.75	735 b07 1.0 0.375 0.75	744 c07 1.0 0.5 0.75	753 d07 1.0 0.625 0.75	762 e07 1.0 0.75 0.75	771 f07 1.0 0.875 0.75	780 g07 1.0 1.0 0.75	789 h07 1.0 0.0 0.125	798 i07 1.0 0.125 0.25	807 j07 1.0 0.25 0.375	0978 k07 n*=0.25 000n* setcmyk	0987 l07 w*=0.75 w* setgray	0996 m07 n*=0.25 nnn0* setcmyk	1005 n07 w*=0.75 www* setgrb
08	0007 A08 0.0 0.125 0.875	0016 B08 0.0 0.25 0.875	0025 C08 0.0 0.375 0.875	0034 D08 0.0 0.5 0.875	0043 E08 0.0 0.625 0.875	0052 F08 0.0 0.75 0.875	0061 G08 0.0 0.875 0.875	0070 H08 0.0 1.0 0.875	0079 I08 0.125 0.125 0.875	0088 J08 0.125 0.25 0.875	0097 K08 0.125 0.375 0.875	0106 L08 0.125 0.5 0.875	0115 M08 0.125 0.625 0.875	0124 N08 0.125 0.75 0.875	0133 O08 0.125 0.875 0.875	0142 P08 0.125 1.0 0.875	0151 Q08 0.125 0.0 0.875	0160 R08 0.125 0.125 0.875	0169 S08 0.25 0.25 0.875	0178 T08 0.25 0.375 0.875	0187 U08 0.25 0.5 0.875	0196 V08 0.25 0.625 0.875	0205 W08 0.25 0.75 0.875	0214 X08 0.25 0.875 0.875	0223 Y08 0.25 1.0 0.875	0232 Z08 0.25 0.125 0.875	0241 a08 0.25 0.25 0.875	736 b08 1.0 0.125 0.875	745 c08 1.0 0.25 0.875	754 d08 1.0 0.375 0.875	763 e08 1.0 0.5 0.875	772 f08 1.0 0.625 0.875	781 g08 1.0 0.75 0.875	790 h08 1.0 0.875 0.875	799 i08 1.0 1.0 0.875	808 j08 1.0 0.0 0.125	0979 k08 n*=0.125 000n* setcmyk	0988 l08 w*=0.875 w* setgray	0997 m08 n*=0.125 nnn0* setcmyk	1006 n08 w*=0.875 www* setgrb
09	0008 A09 0.0 0.125 1.0	0017 B09 0.0 0.25 1.0	0026 C09 0.0 0.375 1.0	0035 D09 0.0 0.5 1.0	0044 E09 0.0 0.625 1.0	0053 F09 0.0 0.75 1.0	0062 G09 0.0 0.875 1.0	0071 H09 0.0 1.0 1.0	0080 I09 0.125 0.125 1.0	0089 J09 0.125 0.25 1.0	0098 K09 0.125 0.375 1.0	0107 L09 0.125 0.5 1.0	0116 M09 0.125 0.625 1.0	0125 N09 0.125 0.75 1.0	0134 O09 0.125 0.875 1.0	0143 P09 0.125 1.0 1.0	0152 Q09 0.125 0.0 1.0	0161 R09 0.125 0.125 1.0	0170 S09 0.25 0.25 1.0	0179 T09 0.25 0.375 1.0	0188 U09 0.25 0.5 1.0	0197 V09 0.25 0.625 1.0	0206 W09 0.25 0.75 1.0	0215 X09 0.25 0.875 1.0	0224 Y09 0.25 1.0 1.0	0233 Z09 0.25 0.125 1.0	0242 a09 0.25 0.25 1.0	737 b09 1.0 0.25 1.0	746 c09 1.0 0.375 1.0	755 d09 1.0 0.5 1.0	764 e09 1.0 0.625 1.0	773 f09 1.0 0.75 1.0	782 g09 1.0 0.875 1.0	791 h09 1.0 1.0 1.0	800 i09 1.0 0.0 0.125	809 j09 1.0 0.125 0.25	0980 k09 n*=0.0 000n* setcmyk	0989 l09 w*=1.0 w* setgray	0998 m09 n*=0.0 nnn0* setcmyk	1007 n09 w*=1.0 www* setgrb
10	0243 A10 0.375 0.0 0.125	0252 B10 0.375 0.125 0.25	0261 C10 0.375 0.25 0.375	0270 D10 0.375 0.375 0.5	0279 E10 0.375 0.5 0.625	0288 F10 0.375 0.625 0.75	0297 G10 0.375 0.75 0.875	0306 H10 0.375 0.875 1.0	0315 I10 0.375 1.0 0.125	0324 J10 0.5 0.0 0.125	0333 K10 0.5 0.125 0.25	0342 L10 0.5 0.25 0.375	0351 M10 0.5 0.375 0.5	0360 N10 0.5 0.5 0.625	0369 O10 0.5 0.625 0.75	0378 P10 0.5 0.75 0.875	0387 Q10 0.5 0.875 1.0	0396 R10 0.5 1.0 0.0	0405 S10 0.625 0.0 0.125	0414 T10 0.625 0.125 0.25	0423 U10 0.625 0.25 0.375	0432 V10 0.625 0.375 0.5	0441 W10 0.625 0.5 0.625	0450 X10 0.625 0.625 0.75	0459 Y10 0.625 0.75 0.875	0468 Z10 0.625 0.875 1.0	0477 a10 0.625 1.0 0.125	810 b10 0.75 0.0 0.125	819 c10 0.75 0.125 0.25	828 d10 0.75 0.25 0.375	837 e10 0.75 0.375 0.5	846 f10 0.75 0.5 0.625	855 g10 0.75 0.625 0.75	864 h10 0.75 0.75 0.875	873 i10 0.75 0.875 1.0	882 j10 0.75 1.0 0.125	1008 k10 n*=1.0 000n* setcmyk	1024 l10 w*=0.0 w* setgray	1040 m10 n*=1.0 nnn0* setcmyk	1056 n10 w*=0.0 www* setgrb
11	0244 A11 0.375 0.0 0.125	0253 B11 0.375 0.125 0.125	0262 C11 0.375 0.25 0.125	0271 D11 0.375 0.375 0.125	0280 E11 0.375 0.5 0.125	0289 F11 0.375 0.625 0.125	0298 G11 0.375 0.75 0.125	0307 H11 0.375 0.875 0.125	0316 I11 0.375 1.0 0.125	0325 J11 0.5 0.0 0.125	0334 K11 0.5 0.125 0.25	0343 L11 0.5 0.25 0.375	0352 M11 0.5 0.375 0.5	0361 N11 0.5 0.5 0.625	0370 O11 0.5 0.625 0.75	0379 P11 0.5 0.75 0.875	0388 Q11 0.5 0.875 1.0	0397 R11 0.5 1.0 0.0	0406 S11 0.625 0.0 0.125	0415 T11 0.625 0.125 0.25	0424 U11 0.625 0.25 0.375	0433 V11 0.625 0.375 0.5	0442 W11 0.625 0.5 0.625	0451 X11 0.625 0.625 0.75	0460 Y11 0.625 0.75 0.875	0469 Z11 0.625 0.875 1.0	0478 a11 0.625 1.0 0.125	811 b11 0.875 0.0 0.125	820 c11 0.875 0.125 0.25	829 d11 0.875 0.25 0.375	838 e11 0.875 0.375 0.5	847 f11 0.875 0.5 0.625	856 g11 0.875 0.625 0.75	865 h11 0.875 0.75 0.875	874 i11 0.875 0.875 1.0	883 j11 0.875 1.0 0.125	1009 k11 n*=0.933 000n* setcmyk	1025 l11 w*=0.066 w* setgray	1041 m11 n*=0.933 nnn0* setcmyk	1057 n11 w*=0.066 www* setgrb
12	0245 A12 0.375 0.125 0.25	0254 B12 0.375 0.25 0.25	0263 C12 0.375 0.375 0.25	0272 D12 0.375 0.5 0.25	0281 E12 0.375 0.625 0.25	0290 F12 0.375 0.75 0.25	0299 G12 0.375 0.875 0.25	0308 H12 0.375 1.0 0.25	0317 I12 0.375 0.125 0.25	0326 J12 0.5 0.125 0.25	0335 K12 0.5 0.25 0.375	0344 L12 0.5 0.375 0.5	0353 M12 0.5 0.5 0.625	0362 N12 0.5 0.625 0.75	0371 O12 0.5 0.75 0.875	0380 P12 0.5 0.875 1.0	0389 Q12 0.5 1.0 0.0	0398 R12 0.5 0.125 0.25	0407 S12 0.625 0.25 0.375	0416 T12 0.625 0.375 0.5	0425 U12 0.625 0.5 0.625	0434 V12 0.625 0.625 0.75	0443 W12 0.625 0.75 0.875	0452 X12 0.625 0.875 1.0	0461 Y12 0.625 1.0 0.125	0470 Z12 0.625 0.125 0.25	0479 a12 0.625 0.25 0.375	812 b12 0.75 0.0 0.125	821 c12 0.75 0.125 0.25	830 d12 0.75 0.25 0.375	839 e12 0.75 0.375 0.5	848 f12 0.75 0.5 0.625	857 g12 0.75 0.625 0.75	866 h12 0.75 0.75 0.875	875 i12 0.75 0.875 1.0	884 j12 0.75 1.0 0.125	1010 k12 n*=0.866 000n* setcmyk	1026 l12 w*=0.133 w* setgray	1042 m12 n*=0.866 nnn0* setcmyk	1058 n12 w*=0.133 www* setgrb
13	0246 A13 0.375 0.125 0.375	0255 B13 0.375 0.25 0.375	0264 C13 0.375 0.375 0.375	0273 D13 0.375 0.5 0.375	0282 E13 0.375 0.625 0.375	0291 F13 0.375 0.75 0.375	0300 G13 0.375 0.875 0.375	0309 H13 0.375 1.0 0.375	0318 I13 0.375 0.125 0.375	0327 J13 0.5 0.25 0.375	0336 K13 0.5 0.375 0.375	0345 L13 0.5 0.5 0.375	0354 M13 0.5 0.625 0.375	0363 N13 0.5 0.75 0.375	0372 O13 0.5 0.875 0.375	0381 P13 0.5 1.0 0.375	0390 Q13 0.5 0.0 0.375	0399 R13 0.5 0.125 0.375	0408 S13 0.625 0.375 0.375	0417 T13 0.625 0.5 0.375	0426 U13 0.625 0.625 0.375	0435 V13 0.625 0.75 0.375	0444 W13 0.625 0.875 0.375	0453 X13 0.625 1.0 0.375	0462 Y13 0.625 0.125 0.375	0471 Z13 0.625 0.25 0.375	0480 a13 0.625 0.375 0.375	813 b13 0.75 0.125 0.25	822 c13 0.75 0.25 0.375	831 d13 0.75 0.375 0.5	840 e13 0.75 0.5 0.625	849 f13 0.75 0.625 0.75	858 g13 0.75 0.75 0.875	867 h13 0.75 0.875 1.0	876 i13 0.75 1.0 0.125	885 j13 0.75 0.0 0.125	1011 k13 n*=0.8 000n* setcmyk	1027 l13 w*=0.2 w* setgray	1043 m13 n*=0.8 nnn0* setcmyk	1059 n13 w*=0.2 www* setgrb
14	0247 A14 0.375 0.125 0.5	0256 B14 0.375 0.25 0.5	0265 C14 0.375 0.375 0.5	0274 D14 0.375 0.5 0.5	0283 E14 0.375 0.625 0.5	0292 F14 0.375 0.75 0.5	0301 G14 0.375 0.875 0.5	0310 H14 0.375 1.0 0.5	0319 I14 0.375 0.125 0.5	0328 J14 0.5 0.25 0.5	0337 K14 0.5 0.375 0.5	0346 L14 0.5 0.5 0.5	0355 M14 0.5 0.625 0.5	0364 N14 0.5 0.75 0.5	0373 O14 0.5 0.875 0.5	0382 P14 0.5 1.0 0.5	0391 Q14 0.5 0.0 0.5	0400 R14 0.5 0.125 0.5	0409 S14 0.625 0.25 0.5	0418 T14 0.625 0.375 0.5	0427 U14 0.625 0.5 0.5	0436 V14 0.625 0.625 0.5	0445 W14 0.625 0.75 0.5	0454 X14 0.625 0.875 0.5	0463 Y14 0.625 1.0 0.5	0472 Z14 0.625 0.125 0.5	0481 a14 0.625 0.25 0.5	814 b14 0.75 0.0 0.125	823 c14 0.75 0.125 0.25	832 d14 0.75 0.25 0.375	841 e14 0.75 0.375 0.5	850 f14 0.75 0.5 0.625	859 g14 0.75 0.625 0.75	868 h14 0.75 0.75 0.875	877 i14 0.75 0.875 1.0	886 j14 0.75 1.0 0.125	1012 k14 n*=0.733 000n* setcmyk	1028 l14 w*=0.266 w* setgray	1044 m14 n*=0.733 nnn0* setcmyk	1060 n14 w*=0.266 www* setgrb
15	0248 A15 0.375 0.0 0.625	0257 B15 0.375 0.125 0.625	0266 C15 0.375 0.25 0.625	0275 D15 0.375 0.375 0.625	0284 E15 0.375 0.5 0.625	0293 F15 0.375 0.625 0.625	0302 G15 0.375 0.75 0.625	0311 H15 0.375 0.875 0.625	0320 I15 0.375 1.0 0.625	0329 J15 0.5 0.0 0.625	0338 K15 0.5 0.125 0.625	0347 L15 0.5 0.25 0.625	0356 M15 0.5 0.375 0.625	0365 N15 0.5 0.5 0.625	0374 O15 0.5 0.625 0.625	0383 P15 0.5 0.75 0.625	0392 Q15 0.5 0.875 0.625	0401 R15 0.5 1.0 0.625	0410 S15 0.625 0.625 0.625	0419 T15 0.625 0.75 0.625	0428 U15 0.625 0.875 0.625	0437 V15 0.625 1.0 0.625	0446 W15 0.625 0.125 0.625	0455 X15 0.625 0.25 0.625	0464 Y15 0.625 0.375 0.625	0473 Z15 0.625 0.5 0.625	0482 a15 0.625 0.625 0.625	815 b15 0.75 0.375 0.625	824 c15 0.75 0.5 0.625	833 d15 0.75 0.625 0.625	842 e15

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Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

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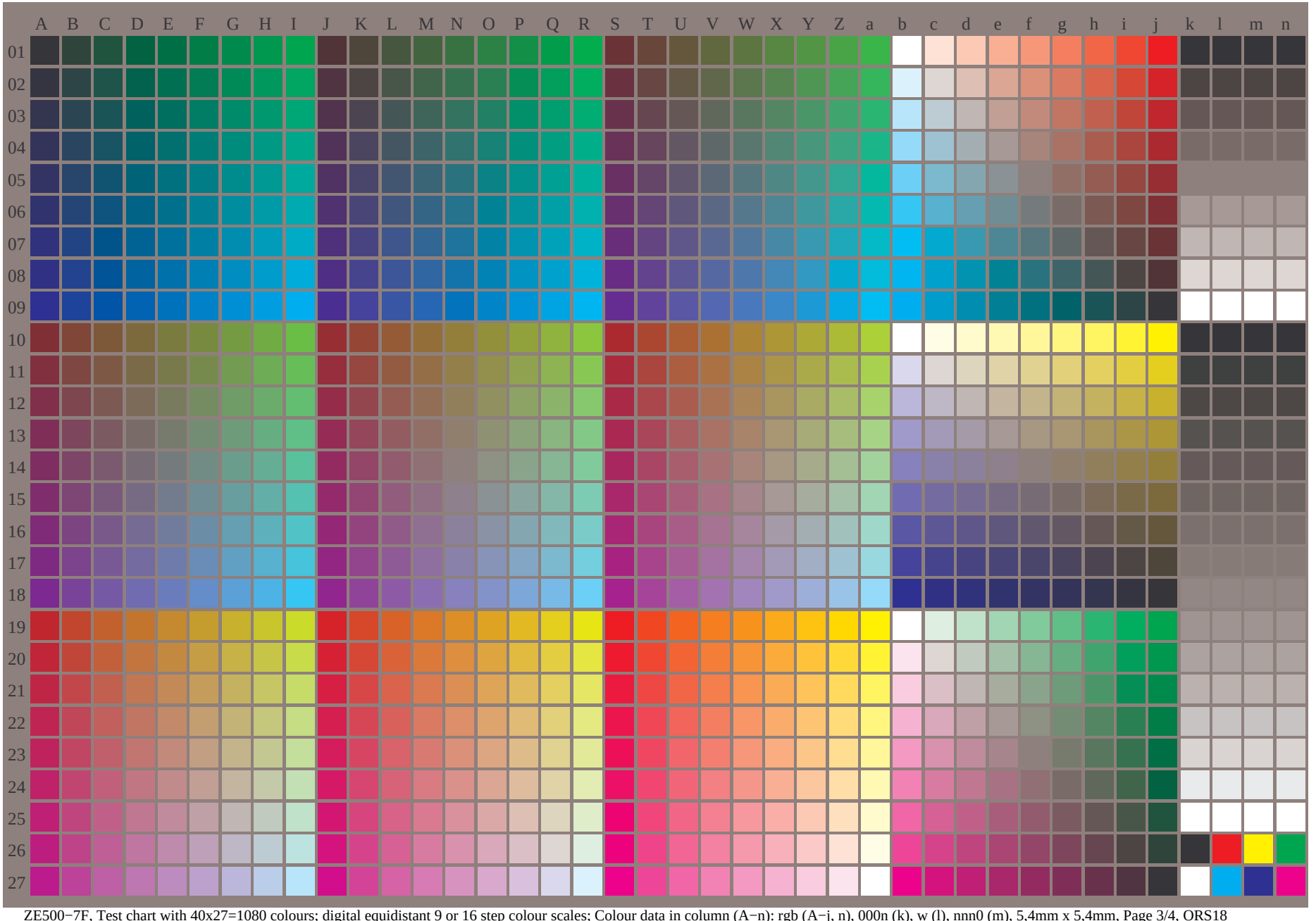
application for evaluation and measurement of printer or monitor systems



ZE500−7F, Test chart with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Page 3/4, ORS18

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Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

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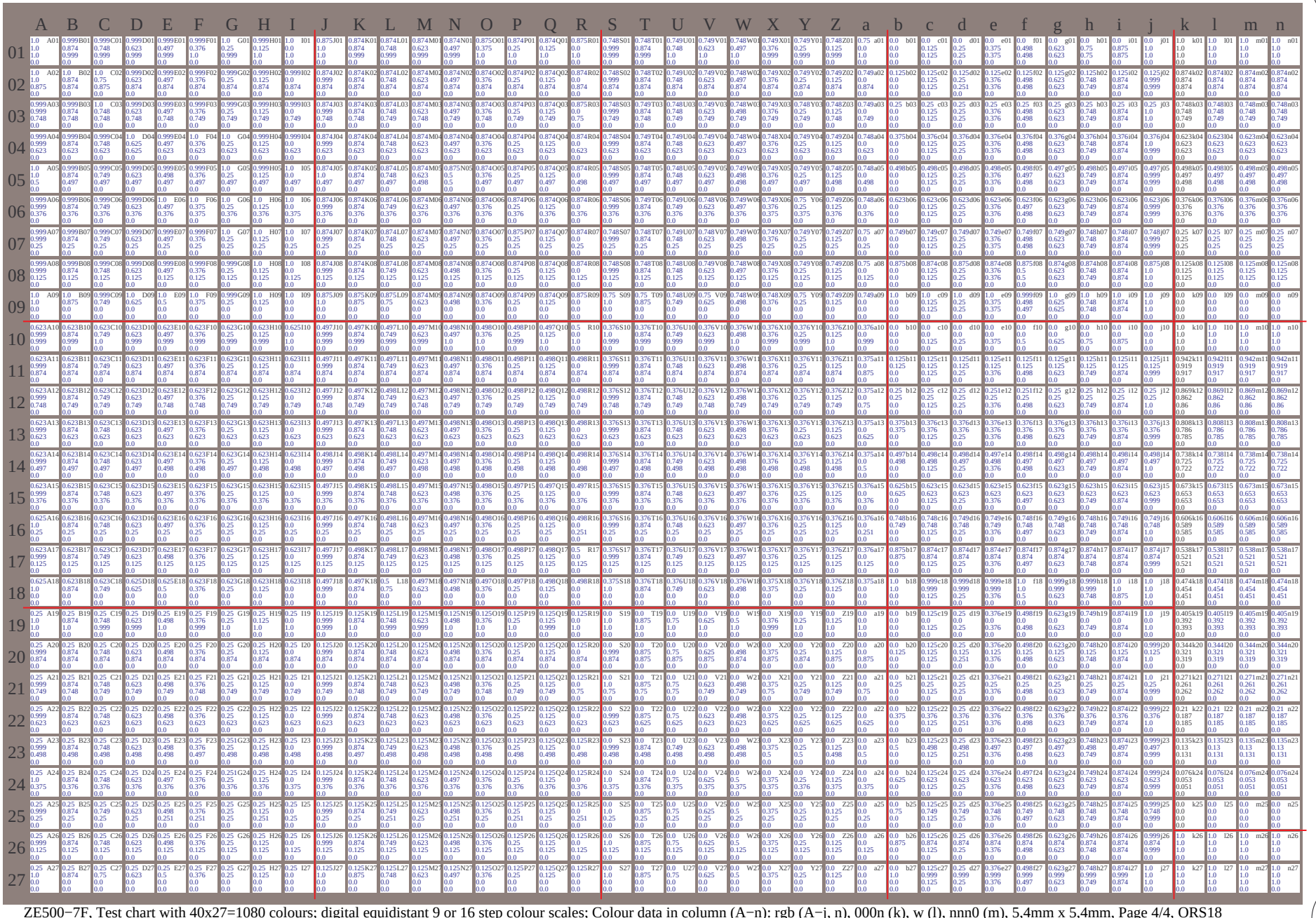

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Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

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application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
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02	0001 A02 18.98 4.36 −5.95	0010 B02 23.08 −3.38 −5.75	0019 C02 27.2 −11.32 −1.1	0028 D02 31.31 −19.25 3.54	0037 E02 35.42 −27.18 8.19	0046 F02 39.53 −35.12 12.83	0055 G02 43.64 −43.05 17.48	0064 H02 47.75 −50.99 22.13	0073 I02 51.86 −58.91 26.77	0082 J02 21.07 9.82 −1.26	0091 K02 27.68 0.31 0.17	0100 L02 31.79 −7.62 4.83	0109 M02 35.9 −15.55 9.47	0118 N02 40.01 −23.48 14.12	0127 O02 44.12 −31.42 18.77	0136 P02 48.24 −39.35 23.42	0145 Q02 52.35 −47.28 28.06	0154 R02 56.46 −55.21 32.71	0163 S02 25.52 17.93 5.3	0172 T02 31.42 8.41 6.75	0181 U02 36.73 −1.14 12.26	0190 V02 40.84 −9.07 16.91	0199 W02 44.95 −17.01 21.55	0208 X02 49.06 −24.94 26.2	0217 Y02 53.17 −32.87 30.85	0226 Z02 57.28 −40.81 35.5	0235 a02 61.39 −48.73 40.14	0730 b02 90.8 −4.69 −1.17	0739 c02 85.73 0.8 4.09	0748 d02 79.8 7.48 10.01	0757 e02 73.86 15.77 15.93	0766 f02 67.93 24.05 21.84	0775 g02 62.0 32.34 27.76	0784 h02 56.06 40.63 33.67	0793 i02 50.13 48.92 39.58	0802 j02 44.2 57.2 45.49	0973 k02 27.68 0.31 0.17	0982 l02 27.68 0.31 0.17	0991 m02 27.68 0.31 0.17	1000 n02 27.68 0.31 0.17
03	0002 A03 19.94 8.23 −11.43	0011 B03 24.05 0.48 −11.23	0020 C03 28.16 −7.27 −11.03	0029 D03 32.27 −15.21 −6.38	0038 E03 36.38 −23.14 −1.74	0047 F03 40.49 −31.08 2.9	0056 G03 44.61 −39.01 7.55	0065 H03 48.72 −46.94 12.2	0074 I03 52.83 −54.87 16.84	0083 J03 22.74 13.69 −6.74	0092 K03 28.64 4.18 −5.3	0101 L03 32.76 −3.57 −5.1	0110 M03 36.87 −11.51 −0.45	0119 N03 40.98 −19.44 4.19	0128 O03 45.09 −27.37 8.84	0137 P03 49.2 −35.31 13.48	0146 Q03 53.31 −43.24 18.13	0155 R03 57.42 −51.17 22.78	0164 S03 25.54 19.16 −2.05	0173 T03 31.45 9.65 −0.6	0182 U03 37.36 0.12 0.82	0191 V03 41.47 −7.8 5.48	0200 W03 45.58 −15.74 10.13	0209 X03 49.69 −23.67 14.77	0218 Y03 53.8 −31.6 19.42	0227 Z03 57.91 −39.54 24.07	0236 a03 62.02 −47.46 28.71	0731 b03 86.2 −8.39 −7.11	0740 c03 81.13 4.5 −1.83	0749 d03 76.06 0.61 3.44	0758 e03 70.12 7.67 9.36	0767 f03 64.19 15.95 15.27	0776 g03 58.25 24.24 21.19	0785 h03 52.32 32.53 27.1	0794 i03 46.39 40.82 33.02	0803 j03 40.46 49.1 38.93	0974 k03 37.36 0.12 0.82	0983 l03 37.36 0.12 0.82	0992 m03 37.36 0.12 0.82	1001 n03 37.36 0.12 0.82
04	0003 A04 20.9 12.1 −16.92	0012 B04 25.01 4.34 −16.72	0021 C04 29.12 −3.41 −16.52	0030 D04 33.24 −11.17 −16.32	0039 E04 37.35 −19.1 −11.67	0048 F04 41.46 −27.03 −7.02	0057 G04 45.57 −34.97 −2.37	0066 H04 49.68 −42.9 2.26	0075 I04 53.79 −50.83 6.91	0084 J04 23.7 17.56 −12.23	0093 K04 29.61 8.05 −10.78	0102 L04 33.72 0.29 −10.58	0111 M04 37.83 −7.46 −10.38	0120 N04 41.94 −15.4 −5.73	0129 O04 46.06 −23.33 −1.09	0138 P04 50.17 −31.26 3.55	0147 Q04 54.28 −39.2 8.2	0156 R04 58.39 −47.13 12.84	0165 S04 26.5 23.03 −7.53	0174 T04 32.41 13.52 −6.09	0183 U04 38.32 3.99 −4.64	0192 V04 42.43 −4.44 0.19	0201 W04 46.54 −12.4 4.84	0210 X04 50.65 −19.63 9.49	0219 Y04 54.77 −27.56 14.14	0228 Z04 58.88 −35.49 18.78	0237 a04 62.98 −43.42 −13.05	0732 b04 81.6 −12.1 −7.77	0741 c04 76.53 −8.21 −2.48	0750 d04 71.46 −4.32 2.79	0759 e04 66.38 0.43 8.71	0768 f04 60.45 7.85 14.62	0777 g04 54.51 16.14 20.53	0786 h04 48.58 24.43 26.45	0795 i04 42.65 32.71 32.36	0804 j04 36.72 40.99 38.48	0975 k04 47.03 −0.05 1.48	0984 l04 47.03 −0.05 1.48	0993 m04 47.03 −0.05 1.48	1002 n04 47.03 −0.05 1.48
05	0004 A05 21.87 15.91 −22.41	0013 B05 25.98 8.21 −22.2	0022 C05 30.09 0.45 −22.0	0031 D05 34.2 −7.3 −21.8	0040 E05 38.31 −15.06 −21.6	0049 F05 42.42 −22.99 −16.95	0058 G05 46.54 −30.92 −12.31	0067 H05 50.65 −38.86 −7.66	0076 I05 54.76 −46.79 −3.01	0085 J05 24.67 21.43 −17.71	0094 K05 30.57 11.92 −16.27	0103 L05 34.68 4.16 −16.07	0112 M05 38.8 −3.59 −15.87	0121 N05 42.91 −11.36 −15.67	0130 O05 47.02 −19.29 −11.02	0139 P05 51.13 −27.22 −6.37	0148 Q05 55.24 −35.16 −1.72	0157 R05 59.35 −43.08 2.91	0166 S05 27.47 26.9 −12.6	0175 T05 33.37 17.38 −11.58	0184 U05 39.28 7.86 −10.13	0193 V05 43.4 0.1 −9.93	0202 W05 47.51 −7.65 −9.73	0211 X05 51.62 −15.58 −5.08	0220 Y05 55.73 −23.52 −0.43	0229 Z05 59.84 −31.45 4.2	0238 a05 63.95 −39.38 8.85	0733 b05 77.1 −15.8 −18.99	0742 c05 71.93 −11.91 −13.71	0751 d05 66.86 −8.02 −6.57	0760 e05 61.78 −4.13 −3.14	0769 f05 56.71 0.24 2.13	0778 g05 50.77 8.04 8.05	0787 h05 44.84 16.33 13.97	0796 i05 38.9 24.61 19.88	0805 j05 32.97 32.89 25.79	0976 k05 56.71 −0.24 2.13	0985 l05 56.71 −0.24 2.13	0994 m05 56.71 −0.24 2.13	1003 n05 56.71 −0.24 2.13
06	0005 A06 22.83 19.84 −27.89	0014 B06 26.94 12.08 −27.69	0023 C06 31.05 4.32 −27.49	0032 D06 35.16 −3.43 −27.29	0041 E06 39.28 −11.19 −27.09	0050 F06 43.39 −18.95 −26.89	0059 G06 47.5 −26.88 −22.24	0068 H06 51.61 −34.82 −17.59	0077 I06 55.72 −42.74 −12.95	0086 J06 25.63 23.5 −23.2	0095 K06 31.54 15.28 −21.76	0104 L06 35.65 8.02 −21.56	0113 M06 39.76 0.26 −21.35	0122 N06 43.87 −7.49 −21.15	0131 O06 47.99 −15.25 −20.95	0140 P06 52.1 −23.18 −16.3	0149 Q06 56.21 −31.11 −11.66	0158 R06 60.32 −39.04 −7.01	0167 S06 28.43 30.77 −18.51	0176 T06 34.34 21.25 −17.06	0185 U06 40.25 11.73 −15.62	0194 V06 44.36 3.97 −15.42	0203 W06 48.47 −3.78 −15.21	0212 X06 52.58 −11.54 −15.01	0221 Y06 56.7 −19.48 −10.37	0230 Z06 60.81 −27.41 −5.72	0239 a06 64.91 −35.34 −1.07	0734 b06 72.41 −19.51 −24.92	0743 c06 67.34 −15.62 −19.64	0752 d06 62.26 −11.73 −14.36	0761 e06 57.18 −7.84 −9.07	0770 f06 52.11 −3.94 −3.79	0779 g06 47.03 0.05 1.48	0788 h06 41.1 8.2 7.4	0797 i06 35.16 16.51 13.31	0806 j06 29.23 24.79 19.22	0977 k06 66.38 −0.43 2.79	0986 l06 66.38 −0.43 2.79	0995 m06 66.38 −0.43 2.79	1004 n06 66.38 −0.43 2.79
07	0006 A07 29.79 23.7 −33.38	0015 B07 33.9 15.95 −33.18	0024 C07 38.02 8.19 −32.98	0033 D07 42.13 0.43 −32.77	0042 E07 46.24 −7.32 −32.57	0051 F07 50.35 −15.08 −32.37	0060 G07 54.47 −22.84 −32.17	0069 H07 58.58 −30.77 −27.52	0078 I07 62.69 −38.7 −22.88	0087 J07 26.5 29.17 −28.69	0096 K07 32.4 19.65 −27.24	0105 L07 36.51 11.89 −27.04	0114 M07 40.62 4.13 −26.84	0123 N07 44.74 −3.62 −26.64	0132 O07 48.85 −11.38 −26.44	0141 P07 52.96 −19.14 −26.24	0150 Q07 57.07 −27.07 −21.59	0159 R07 61.18 −35.0 −16.94	0168 S07 29.39 34.64 −23.99	0177 T07 35.3 25.12 −22.55	0186 U07 41.21 15.6 −21.1	0195 V07 45.32 7.84 −20.9	0204 W07 49.43 0.08 −20.5	0213 X07 53.54 −7.67 −20.3	0222 Y07 57.66 −15.43 −20.3	0231 Z07 61.77 −23.37 −15.65	0240 a07 65.88 −31.29 −11.01	0735 b07 67.8 −23.21 −30.86	0744 c07 62.74 −19.32 −25.58	0753 d07 57.67 −15.43 −20.3	0762 e07 52.59 −11.54 −15.01	0771 f07 47.52 −7.65 −9.73	0780 g07 42.43 −3.76 −4.44	0789 h07 37.36 0.12 0.82	0798 i07 32.29 8.41 6.75	0807 j07 27.22 16.69 12.66	0978 k07 76.06 −0.61 3.44	0987 l07 76.06 −0.61 3.44	0996 m07 76.06 −0.61 3.44	1005 n07 76.06 −0.61 3.44
08	0007 A08 25.72 24.76 −38.86	0016 B08 31.44 28.87 −38.66	0025 C08 37.16 32.98 −38.46	0034 D08 42.88 37.09 −38.26	0043 E08 48.6 41.2 −38.06	0052 F08 54.32 45.32 −37.86	0061 G08 49.43 −37.66	0070 H08 53.54 −37.46	0079 I08 57.65 −32.81	0088 J08 27.56 33.04 −34.17	0097 K08 33.46 23.52 −32.73	0106 L08 37.58 15.76 −32.53	0115 M08 41.69 8.0 −32.33	0124 N08 45.8 0.24 −32.13	0133 O08 49.91 −7.51 −31.92	0142 P08 54.03 −15.27 −31.72	0151 Q08 58.14 −23.03 −31.52	0160 R08 62.25 −30.96 −26.88	0169 S08 30.36 38.51 −29.48	0178 T08 36.26 28.89 −28.03	0187 U08 42.17 19.47 −26.59	0196 V08 46.29 11.7 −26.39	0205 W08 50.4 3.93 −26.19	0214 X08 54.51 −3.8 −25.99	0223 Y08 58.62 −11.56 −25.78	0232 Z08 62.74 −19.32 −25.58	0241 a08 66.84 −27.25 −20.94	0736 b08 63.21 −26.92 −36.8	0745 c08 58.14 −23.03 −31.52	0754 d08 53.06 −19.14 −26.24	0763 e08 47.99 −15.25 −20.95	0772 f08 42.91 −11.36 −15.67	0781 g08 37.83 −7.46 −10.38	0790 h08 32.76 −3.57 −5.1	0799 i08 27.68 0.31 0.17	0808 j08 21.75 8.59 6.09	0979 k08 85.73 −0.8 4.09	0988 l08 85.73 −0.8 4.09	0997 m08 85.73 −0.8 4.09	1006 n08 85.73 −0.8 4.09
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14	0247 A14 30.27 32.37 −8.32	0256 B14 36.17 22.85 −6.88	0265 C14 42.08 13.33 −5.44	0274 D14 47.99 3.81 −3.99	0283 E14 52.11 −3.94 −3.79	0292 F14 56.22 −11.88 0.85	0301 G14 60.33 −19.81 5.5	0310 H14 64.44 −27.75 10.14	0319 I14 68.55 −35.67 14.79	0328 J14 33.07 37.84 −3.63	0337 K14 38.98 28.32 −2.19	0346 L14 44.89 18.8 −0.74	0355 M14 50.8 9.27 0.69	0364 N14 56.71 −0.24 2.13	0373 O14 60.82 −8.17 6.79	0382 P14 64.93 −16.11 11.43	0391 Q14 69.04 −24.04 16.08	0400 R14 73.15 −31.97 20.73	0409 S14 36.81 45.94 2.93	0418 T14 42.72 36.42 4.37	0427 U14 48.63 26.9 5.82	0436 V14 54.54 17.37 7.26	0445 W14 60.45 7.85 8.71	0454 X14 65.75 −1.7 14.22	0463 Y14 69.86 −9.63 18.87	0472 Z14 73.97 −17.57 23.51	0481 a14 78.08 −25.49 28.16	0814 b14 60.56 −19.79	0823 c14 59.6 11.36 −14.31	0832 d14 58.63 7.49 −8.82	0841 e14 57.67 3.62 −3.34	0850 f14 56.71 −0.24 2.13	0859 g14 56.08 −1.51 13.57	0868 h14 55.45 −2.78 24.99	0877 i14 54.82 −4.05 36.42	0886 j14 54.19 −5.32 47.84	1012 k14 38.65 0.1 0.91	1028 l14 38.65 0.1 0.91	1044 m14 38.65 0.1 0.91	1060 n14 38.65 0.1 0.91
15	0248 A15 37.14 36.24 −13.81	0257 B15 43.05 26.72 −12.37	0266 C15 48.96 17.2 −10.92	0275 D15 53.07 7.67 −9.48	0284 E15 57.18 −0.08 −9.28	0293 F15 61.29 −7.84 −9.07	0302 G15 65.41 −15.77 −4.43	0311 H15 69.51 −23.7 0.21	0320 I15 73.62 −31.63 4.86	0329 J15 34.03 41.71 −9.12	0338 K15 39.94 32.19 −7.67	0347 L15 45.85 22.67 −6.23	0356 M15 51.76 13.14 −4.78	0365 N15 57.67 3.62 −3.

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	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
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04	0003 A04 20.9 12.1 −16.92	0012 B04 25.01 4.34 −16.72	0021 C04 29.12 −3.41 −16.52	0030 D04 33.24 −11.17 −16.32	0039 E04 37.35 −19.1 −11.67	0048 F04 41.46 −27.03 −7.02	0057 G04 45.57 −34.97 −2.37	0066 H04 49.68 −42.9 2.26	0075 I04 53.79 −50.83 6.91	0084 J04 23.7 17.56 −12.23	0093 K04 29.61 8.05 −10.78	0102 L04 33.72 0.29 −10.58	0111 M04 37.83 −7.46 −10.38	0120 N04 41.94 −15.4 −5.73	0129 O04 46.06 −23.33 −1.09	0138 P04 50.17 −31.26 3.55	0147 Q04 54.28 −39.2 8.2	0156 R04 58.39 −47.13 12.84	0165 S04 26.5 23.03 −7.53	0174 T04 32.41 13.52 −6.09	0183 U04 38.32 3.99 −4.64	0192 V04 42.43 −3.76 −4.44	0201 W04 46.54 −11.69 0.19	0210 X04 50.65 −19.63 4.84	0219 Y04 54.77 −27.56 9.49	0228 Z04 58.88 −35.49 14.14	0237 a04 62.98 −43.42 18.78	0732 b04 81.6 −12.1 −13.05	0741 c04 76.53 −8.21 −7.77	0750 d04 71.46 −4.32 −2.48	0759 e04 66.38 −0.43 2.79	0768 f04 60.45 7.85 8.71	0777 g04 54.51 16.14 14.62	0786 h04 48.58 24.43 20.53	0795 i04 42.65 32.71 26.45	0804 j04 36.72 40.99 32.36	0975 k04 47.03 −0.05 1.48	0984 l04 47.03 −0.05 1.48	0993 m04 47.03 −0.05 1.48	1002 n04 47.03 −0.05 1.48
05	0004 A05 21.87 15.91 −22.41	0013 B05 25.98 8.21 −22.2	0022 C05 30.09 0.45 −22.0	0031 D05 34.2 −7.3 −21.8	0040 E05 38.31 −15.06 −21.6	0049 F05 42.42 −22.99 −16.95	0058 G05 46.54 −30.92 −12.31	0067 H05 50.65 −38.86 −7.66	0076 I05 54.76 −46.79 −3.01	0085 J05 24.67 21.43 −17.71	0094 K05 30.57 11.92 −16.27	0103 L05 34.68 4.16 −16.07	0112 M05 38.8 −3.59 −15.87	0121 N05 42.91 −11.36 −15.67	0130 O05 47.02 −19.29 −11.02	0139 P05 51.13 −27.22 −6.37	0148 Q05 55.24 −35.16 −1.72	0157 R05 59.35 −43.08 2.91	0166 S05 27.47 26.9 −12.1	0175 T05 33.37 17.38 −11.58	0184 U05 39.28 7.86 −10.13	0193 V05 43.4 0.1 −9.93	0202 W05 47.51 −7.65 −9.73	0211 X05 51.62 −15.58 −5.08	0220 Y05 55.73 −23.52 −0.43	0229 Z05 59.84 −31.45 4.2	0238 a05 63.95 −39.38 8.85	0733 b05 77.1 −15.8 −18.99	0742 c05 71.93 −11.91 −13.71	0751 d05 66.86 −8.02 −6.57	0760 e05 61.78 −4.13 −3.14	0769 f05 56.71 −0.24 2.13	0778 g05 50.77 8.04 8.05	0787 h05 44.84 16.33 15.97	0796 i05 38.9 24.61 19.88	0805 j05 32.97 32.89 25.79	0976 k05 56.71 −0.24 2.13	0985 l05 56.71 −0.24 2.13	0994 m05 56.71 −0.24 2.13	1003 n05 56.71 −0.24 2.13
06	0005 A06 22.83 19.84 −27.89	0014 B06 26.94 12.08 −27.69	0023 C06 31.05 4.32 −27.49	0032 D06 35.16 −3.43 −27.29	0041 E06 39.28 −11.19 −27.09	0050 F06 43.39 −18.95 −26.89	0059 G06 47.5 −26.88 −22.24	0068 H06 51.61 −34.82 −17.59	0077 I06 55.72 −42.74 −12.95	0086 J06 25.63 23.5 −23.2	0095 K06 31.54 15.28 −21.76	0104 L06 35.65 8.02 −21.56	0113 M06 39.76 0.26 −21.35	0122 N06 43.87 −7.49 −21.15	0131 O06 47.99 −15.25 −20.95	0140 P06 52.1 −23.18 −16.3	0149 Q06 56.21 −31.11 −11.66	0158 R06 60.32 −39.04 −7.01	0167 S06 28.43 30.77 −18.51	0176 T06 34.34 21.25 −17.06	0185 U06 40.25 11.73 −15.62	0194 V06 44.36 3.97 −15.42	0203 W06 48.47 −3.78 −15.21	0212 X06 52.58 −11.54 −15.01	0221 Y06 56.7 −19.48 −10.37	0230 Z06 60.81 −27.41 −5.72	0239 a06 64.91 −35.34 −1.07	0734 b06 72.41 −19.51 −24.92	0743 c06 67.34 −15.62 −19.64	0752 d06 62.26 −11.73 −14.36	0761 e06 57.18 −7.84 −9.07	0770 f06 52.11 −3.94 −3.79	0779 g06 47.03 −0.05 1.48	0788 h06 41.1 8.22 7.4	0797 i06 35.16 16.51 13.31	0806 j06 29.23 24.79 19.22	0977 k06 66.38 −0.43 2.79	0986 l06 66.38 −0.43 2.79	0995 m06 66.38 −0.43 2.79	1004 n06 66.38 −0.43 2.79
07	0006 A07 29.9 23.7 −33.38	0015 B07 32.01 15.95 −33.18	0024 C07 34.12 8.19 −32.98	0033 D07 36.13 0.43 −32.77	0042 E07 38.24 −7.32 −32.57	0051 F07 40.35 −15.08 −32.37	0060 G07 42.46 −22.84 −32.17	0069 H07 44.57 −30.77 −27.52	0078 I07 46.68 −38.7 −22.88	0087 J07 26.5 29.17 −28.69	0096 K07 32.4 19.65 −27.24	0105 L07 34.51 11.89 −27.04	0114 M07 36.62 4.13 −26.84	0123 N07 38.73 −3.62 −26.64	0132 O07 40.84 −11.38 −26.44	0141 P07 42.95 −19.14 −26.24	0150 Q07 45.06 −27.07 −21.59	0159 R07 47.17 −35.0 −16.94	0168 S07 29.39 34.64 −23.99	0177 T07 35.3 25.12 −22.55	0186 U07 41.21 15.6 −21.1	0195 V07 45.32 7.84 −20.9	0204 W07 49.43 0.08 −20.5	0213 X07 53.54 −7.67 −20.3	0222 Y07 57.66 −15.43 −20.3	0231 Z07 61.77 −23.37 −15.65	0240 a07 65.88 −31.29 −11.01	0735 b07 67.81 −23.21 −30.86	0744 c07 62.74 −19.32 −25.58	0753 d07 57.66 −15.43 −20.3	0762 e07 52.59 −11.54 −15.01	0771 f07 47.51 −7.65 −9.73	0780 g07 42.43 −3.76 −4.44	0789 h07 37.36 0.12 0.82	0798 i07 32.29 8.41 6.75	0807 j07 27.22 16.69 12.66	0978 k07 76.06 −0.61 3.44	0987 l07 76.06 −0.61 3.44	0996 m07 76.06 −0.61 3.44	1005 n07 76.06 −0.61 3.44
08	0007 A08 24.76 27.5 −38.86	0016 B08 28.87 19.82 −38.66	0025 C08 32.98 12.06 −38.46	0034 D08 37.09 4.3 −38.26	0043 E08 41.2 −3.45 −38.06	0052 F08 45.32 −11.21 −37.86	0061 G08 49.43 −18.97 −37.66	0070 H08 53.54 −26.73 −37.46	0079 I08 57.65 −34.46 −32.81	0088 J08 27.56 33.04 −34.17	0097 K08 33.46 23.52 −32.73	0106 L08 37.58 15.76 −32.53	0115 M08 41.69 8.0 −32.33	0124 N08 45.8 0.24 −32.13	0133 O08 49.91 −7.51 −31.92	0142 P08 54.03 −15.27 −31.72	0151 Q08 58.14 −23.03 −31.52	0160 R08 62.25 −30.76 −26.88	0169 S08 30.36 −29.48 −28.03	0178 T08 36.26 38.51 −26.59	0187 U08 42.17 28.89 −26.39	0196 V08 46.29 19.47 −26.19	0205 W08 50.4 11.79 −25.99	0214 X08 54.51 3.6 −25.78	0223 Y08 58.62 −4.28 −25.58	0232 Z08 62.74 −11.56 −20.94	0241 a08 66.85 −19.32 −36.8	0736 b08 63.21 −27.25 −36.92	0745 c08 58.14 −23.03 −31.52	0754 d08 53.06 −19.14 −26.24	0763 e08 47.99 −15.25 −20.95	0772 f08 42.91 −11.36 −15.67	0781 g08 37.83 −7.46 −10.38	0790 h08 32.76 −3.57 −5.1	0799 i08 27.68 3.25 0.17	0808 j08 21.75 12.69 6.09	0979 k08 85.73 −0.8 4.09	0988 l08 85.73 −0.8 4.09	0997 m08 85.73 −0.8 4.09	1006 n08 85.73 −0.8 4.09
09	0008 A09 25.72 27.26 −44.35	0017 B09 29.83 17.75 −44.14	0026 C09 33.94 8.22 −43.94	0035 D09 38.06 1.32 −43.74	0044 E09 42.17 −9.26 −43.54	0053 F09 46.28 −17.19 −43.34	0062 G09 50.39 −25.13 −43.14	0071 H09 54.51 −33.06 −42.94	0080 I09 58.61 −40.99 −42.75	0089 J09 28.52 36.9 −38.23	0098 K09 34.43 27.39 −38.01	0107 L09 38.54 19.63 −37.81	0116 M09 42.65 11.87 −37.61	0125 N09 46.76 4.11 −37.41	0134 O09 50.88 −3.64 −37.21	0143 P09 54.99 −11.4 −37.02	0152 Q09 59.1 −19.16 −36.8	0161 R09 63.21 −26.92 −34.55	0170 S09 31.32 42.37 −28.07	0179 T09 37.23 32.86 −27.87	0188 U09 43.14 23.33 −27.67	0197 V09 47.25 15.57 −27.47	0206 W09 51.36 7.81 −27.27	0215 X09 55.47 0.05 −27.07	0224 Y09 59.59 −7.7 −31.27	0233 Z09 63.7 −15.46 −31.06	0242 a09 67.81 −23.21 −30.86	0737 b09 58.61 −30.62 −42.74	0746 c09 53.54 −26.73 −37.46	0755 d09 48.47 −22.84 −32.18	0764 e09 43.39 −18.95 −26.89	0773 f09 38.31 −15.06 −21.6	0782 g09 33.24 −11.17 −16.32	0791 h09 28.16 −7.27 −11.03	0800 i09 23.08 −3.38 −5.75	0809 j09 18.02 0.49 −0.47	0980 k09 95.4 −0.98 4.75	0989 l09 95.4 −0.98 4.75	0998 m09 95.4 −0.98 4.75	1007 n09 95.4 −0.98 4.75
10	0243 A10 29.23 24.79 19.22	0252 B10 34.53 15.24 24.73	0261 C10 39.84 5.68 30.24	0270 D10 45.14 −3.87 35.76	0279 E10 49.25 −11.8 40.4	0288 F10 53.36 −19.73 45.05	0297 G10 57.47 −27.67 49.7	0306 H10 61.59 −35.6 54.35	0315 I10 65.69 −43.53 58.99	0324 J10 32.97 32.89 25.79	0333 K10 38.27 23.34 31.3	0342 L10 43.58 13.78 36.81	0351 M10 48.88 4.22 42.32	0360 N10 54.19 −5.32 47.84	0369 O10 58.3 −13.26 52.48	0378 P10 62.41 −21.19 57.13	0387 Q10 66.52 −29.13 61.78	0396 R10 70.63 −37.05 66.42	0405 S10 40.99 32.36 32.36	0414 T10 46.92 31.44 37.87	0423 U10 42.42 21.88 43.38	0432 V10 47.42 12.33 48.89	0441 W10 52.62 2.77 54.4	0450 X10 57.93 −6.78 59.92	0459 Y10 63.23 −14.72 64.56	0468 Z10 67.34 −22.65 69.21	0477 a10 71.45 −30.58 73.85	0810 b10 55.6 −0.98 4.75	0819 c10 95.4 −2.26 16.17	0828 d10 94.77 −3.53 27.6	0837 e10 94.14 −4.8 39.02	0846 f10 93.51 −6.07 50.45	0855 g10 92.88 −7.34 61.88	0864 h10 92.25 −8.61 73.3	0873 i10 91.62 −9.88 84.73	0882 j10 90.99 −11.15 96.15	1008 k10 18.02 0.49 −0.47	1024 l10 18.02 0.49 −0.47	1040 m10 18.02 0.49 −0.47	1056 n10 18.02 0.49 −0.47
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12	0245 A12 29.28 27.26 4.51	0254 B12 35.19 17.75 5.95	0263 C12 41.1 8.22 7.4	0272 D12 46.4 1.32 12.91	0281 E12 50.51 −9.26 17.56	0290 F12 54.62 −17.19 22.21	0299 G12 58.73 −25.13 26.85	0308 H12 62.85 −33.06 31.5	0317 I12 66.95 −40.99 36.15	0326 J12 33.02 35.86 11.08	0335 K12 38.93 25.85 12.52	0344 L12 44.84 16.33 13.97	0353 M12 50.14 6.7 19.48	0362 N12 55.45 −2.98 24.99	0371 O12 59.56 −10.72 29.64	0380 P12 63.67 −18.65 34.29	0389 Q12 67.78 −26.58 38.93	0398 R12 71.89 −34.51 43.58	0407 S12 34.7 43.47 17.65	0416 T12 42.67 52.95 19.09	0425 U12 48.58 24.43 20.53	0434 V12 53.88 14.87 26.05	0443 W12 59.19 5.31 31.56	0452 X12 64.49 −4.24 37.07	0461 Y12 68.6 −12.17 41.72	0470 Z12 72.71 −20.11 46.37	0479 a12 76.82 −28.03 51.01	0812 b12 77.98 7.11 −7.51	0821 c12 77.02 3.25 −2.03	0830 d12 76.06 −0.61 3.44	0839 e12 75.4 −1.88 14.87	0848 f12 74.8 −3.15 26.3	0857 g12 74.17 −4.43 37.73	0866 h12 73.54 −5.7 49.15	0875 i12 72.9 −6.97 60.58	0884 j12 72.28 −8.24 72.0	1010 k12 28.33 0.3 0.21	1026 l12 28.33 0.3 0.21	1042 m12 28.33 0.3 0.21	1058 n12 28.33 0.3 0.21
13	0246 A13 29.3 28.5 −2.84	0255 B13 35.21 18.98 −1.39	0264 C13 41.12 9.46 0.04	0273 D13 47.03 −0.05 1.48	0282 E13 51.14 −7.99 6.13	0291 F13 55.25 −15.92 10.78	0300 G13 59.36 −23.86 15.43	0309 H13 63.48 −31.79 20.08	0318 I13 67.58 −39.72 24.72	0327 J13 33.6 27.08 5.16	0336 K13 39.5 17.56 6.61	0345 L13 44.41 8.04 8.05	0354 M13 49.31 −1.47 13.57	0363 N13 54.22 −10.98 18.21	0372 O13 59.07 −17.38 22.86	0381 P13 63.92 −23.81 27.51	0390 Q13 68.41 −31.24 32.15	0399 R13 72.52 −38.67 36.79	0408 S13 36.79 32.19 10.29	0417 T13 42.69 35.19 11.73	0426 U13 48.6 25.66 13.18	0435 V13 54.5 16.14 14.62	0444 W13 59.26 6.58 20.13	0453 X13 63.92 −2.97 25.65	0462 Y13 69.23 −10.9 30.29	0471 Z13 73.34 −18.84 34.94	0480 a13 77.45 −26.76 39.59	0813 b13 69.27 11.17 −13.65	0822 c13 68.31 7.3 −8.17	0831 d13 67.34 3.4 −2.68	0840 e13 66.38 −0.43 2.79	0849 f13 65.75 −1.7 14.22	0858 g13 65.12 −2.97 25.65	0867 h13 64.49 −4.24 37.07	0876 i13 63.86 −5.51 48.5	0885 j13 63.23 −6.78 59.92	1011 k13 33.49 0.2 0.56	1027 l13 33.49 0.2 0.56	1043 m13 33.49 0.2 0.56	1059 n13 33.49 0.2 0.56
14	0247 A14 30.27 32.37 −8.32	0256 B14 36.17 22.85 −6.88	0265 C14 42.08 13.33 −5.44	0274 D14 47.99 3.81 −3.99	0283 E14 52.11 −3.94 −3.79	0292 F14 56.22 −11.88 0.85	0301 G14 60.33 −19.81 5.5	0310 H14 64.44 −27.75 10.14	0319 I14 68.55 −35.67 14.79	0328 J14 33.07 37.84 −3.63	0337 K14 38.98 28.32 −0.74	0346 L14 44.89 18.8 0.69	0355 M14 50.8 9.27 2.13	0364 N14 56.71 −0.24 6.79	0373 O14 60.82 −8.17 11.43	0382 P14 64.93 −16.11 16.08	0391 Q14 69.04 −24.04 20.73	0400 R14 73.15 −31.97 25.38	0409 S14 36.81 45.94 2.93	0418 T14 42.72 36.42 4.37	0427 U14 48.63 26.9 5.82	0436 V14 54.54 17.37 7.26	0445 W14 60.45 7.85 8.71	0454 X14 65.75 −1.7 14.22	0463 Y14 69.86 −9.63 18.87	0472 Z14 73.97 −17.57 23.51	0481 a14 78.08 −25.49 28.16	0814 b14 60.56 15.22 −19.79	0823 c14 59.6 11.36 −14.31	0832 d14 58.63 7.49 −8.82	0841 e14 57.67 3.62 −3.34	0850 f14 56.71 −0.24 2.13	0859 g14 56.08 −1.5 13.57	0868 h14 55.45 −2.78 24.99	0877 i14 54.82 −4.05 36.42	0886 j14 54.19 −5.32 47.84	1012 k14 38.65 0.1 0.91	1028 l14 38.65 0.1 0.91	1044 m14 38.65 0.1 0.91	1060 n14 38.65 0.1 0.91
15	0248 A15 37.14 36.24 −13.81	0257 B15 43.05 26.72 −12.37	0266 C15 48.96 17.2 −10.92	0275 D15 53.07 7.67 −9.48	0284 E15 57.18 −0.08 −9.28	0293 F15 61.29 −7.84 −9.07	0302 G15 65.41 −15.77 −4.43	0311 H15 69.51 −23.7 0.21	0320 I15 73.62 −31.63 4.86	0329 J15 34.03 41.71 −9.12	0338

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	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
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01	0000 A01 18.02 0.49 -0.47	0009 B01 22.12 -7.42 4.17	0018 C01 26.23 -15.36 8.82	0027 D01 30.34 -23.29 13.46	0036 E01 34.45 -31.22 18.11	0045 F01 38.57 -39.16 22.76	0054 G01 42.68 -47.09 27.41	0063 H01 46.79 -55.03 32.05	0072 I01 50.9 -62.95 36.7	0081 J01 21.75 8.59 6.09	0090 K01 27.05 -0.95 11.6	0099 L01 31.16 -8.89 16.24	0108 M01 35.27 -16.82 20.89	0117 N01 39.38 -24.75 25.54	0126 O01 43.5 -32.69 30.19	0135 P01 47.61 -40.62 34.83	0144 Q01 51.72 -48.55 39.48	0153 R01 55.83 -56.48 44.12	0162 S01 25.49 16.69 12.66	0171 T01 30.79 7.14 18.16	0180 U01 36.1 -2.41 23.68	0189 V01 40.21 -10.34 28.32	0198 W01 44.32 -18.28 32.97	0207 X01 48.43 -26.21 37.62	0216 Y01 52.54 -34.14 42.27	0225 Z01 56.65 -42.08 46.91	0234 a01 60.76 -50.01 51.56	0243 b01 95.4 -0.98 4.75	0252 c01 89.47 7.29 10.66	0261 d01 83.53 15.57 16.58	0270 e01 77.6 23.86 22.49	0279 f01 71.67 32.15 28.4	0288 g01 65.73 40.44 34.32	0297 h01 59.8 48.72 40.23	0306 i01 53.87 57.01 46.15	0315 j01 47.94 65.29 52.06	0324 k01 18.02 0.49 -1.47	0333 l01 18.02 0.49 -0.47	0342 m01 18.02 0.49 -0.47
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07	0006 A07 27.9 23.7 -33.38	0015 B07 32.01 15.95 -33.18	0024 C07 36.13 8.19 -32.98	0033 D07 40.24 0.43 -32.77	0042 E07 44.35 -7.32 -32.57	0051 F07 48.47 -15.08 -32.37	0060 G07 52.58 -22.84 -32.17	0069 H07 56.69 -30.77 -27.52	0078 I07 60.8 -38.7 -22.88	0087 J07 26.7 29.17 -28.69	0096 K07 32.5 19.65 -27.24	0105 L07 36.61 11.89 -27.04	0114 M07 40.72 4.13 -26.84	0123 N07 44.83 -3.62 -26.64	0132 O07 48.95 -11.38 -26.44	0141 P07 53.06 -19.14 -26.24	0150 Q07 57.17 -27.07 -21.59	0159 R07 61.28 -35.0 -16.94	0168 S07 29.39 34.64 -23.99	0177 T07 35.3 25.12 -22.55	0186 U07 41.21 15.6 -21.1	0195 V07 45.32 7.84 -20.9	0204 W07 49.44 0.08 -20.5	0213 X07 53.55 -7.67 -20.3	0222 Y07 57.66 -15.43 -20.5	0231 Z07 61.77 -23.37 -15.65	0240 a07 65.88 -31.29 -11.01	0735 b07 67.8 -23.21 -30.86	0744 c07 62.74 -19.32 -25.58	0753 d07 57.67 -15.43 -20.3	0762 e07 52.59 -11.54 -15.01	0771 f07 47.51 -7.65 -9.73	0780 g07 42.43 -3.76 -4.44	0789 h07 37.36 0.12 0.82	0798 i07 32.28 8.41 6.75	0807 j07 27.2 16.69 12.66	0978 k07 76.06 -0.61 3.44	0987 l07 76.06 -0.61 3.44	0996 m07 76.06 -0.61 3.44	1005 n07 76.06 -0.61 3.44
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	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
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04	0003 A04 20.9 12.1 −16.92	0012 B04 25.01 4.34 −16.72	0021 C04 29.12 −3.41 −16.52	0030 D04 33.24 −11.17 −16.32	0039 E04 37.35 −19.1 −11.67	0048 F04 41.46 −27.03 −7.02	0057 G04 45.57 −34.97 −2.37	0066 H04 49.68 −42.9 2.26	0075 I04 53.79 −50.83 6.91	0084 J04 23.7 17.56 −12.23	0093 K04 29.61 8.05 −10.78	0102 L04 33.72 0.29 −10.58	0111 M04 37.83 −7.46 −10.38	0120 N04 41.94 −15.4 −5.73	0129 O04 46.06 −23.33 −1.09	0138 P04 50.17 −31.26 3.55	0147 Q04 54.28 −39.2 8.2	0156 R04 58.39 −47.13 12.84	0165 S04 26.5 23.03 −7.53	0174 T04 32.41 13.52 −6.09	0183 U04 38.32 3.99 −4.64	0192 V04 42.43 −3.76 −4.44	0201 W04 46.54 −11.7 0.19	0210 X04 50.65 −19.63 4.84	0219 Y04 54.77 −27.56 9.49	0228 Z04 58.88 −35.49 14.14	0237 a04 62.98 −43.42 18.78	0732 b04 81.6 −12.1 −13.05	0741 c04 76.53 −8.21 −7.77	0750 d04 71.46 −4.32 −2.48	0759 e04 66.38 0.57 2.79	0768 f04 60.45 7.85 8.71	0777 g04 54.51 16.14 14.62	0786 h04 48.58 24.43 20.53	0795 i04 42.65 32.71 26.45	0804 j04 36.72 40.99 32.36	0975 k04 47.03 −0.05 1.48	0984 l04 47.03 −0.05 1.48	0993 m04 47.03 −0.05 1.48	1002 n04 47.03 −0.05 1.48
05	0004 A05 21.87 15.91 −22.41	0013 B05 25.98 8.21 −22.2	0022 C05 30.09 0.45 −22.0	0031 D05 34.2 −7.3 −21.8	0040 E05 38.31 −15.06 −21.6	0049 F05 42.42 −22.99 −16.95	0058 G05 46.54 −30.92 −12.31	0067 H05 50.65 −38.86 −7.66	0076 I05 54.76 −46.79 −3.01	0085 J05 24.67 21.43 −17.71	0094 K05 30.57 11.92 −16.27	0103 L05 34.68 4.16 −16.07	0112 M05 38.8 −3.59 −15.87	0121 N05 42.91 −11.36 −15.67	0130 O05 47.02 −19.29 −11.02	0139 P05 51.13 −27.22 −6.37	0148 Q05 55.24 −35.16 −1.72	0157 R05 59.35 −43.08 2.91	0166 S05 27.47 26.9 −13.12	0175 T05 33.37 17.38 −11.58	0184 U05 39.28 7.86 −10.13	0193 V05 43.4 0.1 −9.93	0202 W05 47.51 −7.65 −9.73	0211 X05 51.62 −15.58 −5.08	0220 Y05 55.73 −23.52 −0.43	0229 Z05 59.84 −31.45 4.2	0238 a05 63.95 −39.38 8.85	0733 b05 77.5 −15.8 −18.99	0742 c05 71.93 −11.91 −13.71	0751 d05 66.86 −8.02 −8.57	0760 e05 61.78 −4.13 −3.14	0769 f05 56.71 0.24 2.13	0778 g05 50.77 8.04 8.05	0787 h05 44.84 16.33 15.97	0796 i05 38.9 24.61 19.88	0805 j05 32.97 32.89 25.79	0976 k05 56.71 −0.24 2.13	0985 l05 56.71 −0.24 2.13	0994 m05 56.71 −0.24 2.13	1003 n05 56.71 −0.24 2.13
06	0005 A06 22.83 19.84 −27.89	0014 B06 26.94 12.08 −27.69	0023 C06 31.05 4.32 −27.49	0032 D06 35.16 −3.43 −27.29	0041 E06 39.28 −11.19 −27.09	0050 F06 43.39 −18.95 −26.89	0059 G06 47.5 −26.88 −22.24	0068 H06 51.61 −34.82 −17.59	0077 I06 55.72 −42.74 −12.95	0086 J06 25.63 23.5 −23.2	0095 K06 31.54 15.28 −21.76	0104 L06 35.65 8.02 −21.56	0113 M06 39.76 0.26 −21.35	0122 N06 43.87 −7.49 −21.15	0131 O06 47.99 −15.25 −20.95	0140 P06 52.1 −23.18 −16.3	0149 Q06 56.21 −31.11 −11.66	0158 R06 60.32 −39.04 −7.01	0167 S06 28.43 30.77 −18.51	0176 T06 34.34 21.25 −17.06	0185 U06 40.25 11.73 −15.62	0194 V06 44.36 3.97 −15.42	0203 W06 48.47 −3.78 −15.21	0212 X06 52.58 −11.54 −15.01	0221 Y06 56.7 −19.48 −10.37	0230 Z06 60.81 −27.41 −5.72	0239 a06 64.91 −35.34 −1.07	0734 b06 72.41 −19.51 −24.92	0743 c06 67.34 −15.62 −19.64	0752 d06 62.26 −11.73 −14.36	0761 e06 57.18 −7.84 −9.07	0770 f06 52.11 −3.94 −3.79	0779 g06 47.03 −0.05 1.48	0788 h06 41.1 8.2 7.4	0797 i06 35.16 16.51 13.31	0806 j06 29.23 24.79 19.22	0977 k06 66.38 −0.43 2.79	0986 l06 66.38 −0.43 2.79	0995 m06 66.38 −0.43 2.79	1004 n06 66.38 −0.43 2.79
07	0006 A07 22.9 23.7 −33.38	0015 B07 27.0 15.95 −33.18	0024 C07 31.1 8.19 −32.98	0033 D07 35.2 0.43 −32.77	0042 E07 39.3 −7.32 −32.57	0051 F07 43.4 −15.08 −32.37	0060 G07 47.5 −22.84 −32.17	0069 H07 51.6 −30.77 −27.52	0078 I07 55.7 −38.7 −22.88	0087 J07 26.5 29.17 −28.69	0096 K07 32.5 19.65 −27.24	0105 L07 36.6 11.89 −27.04	0114 M07 40.7 4.13 −26.84	0123 N07 44.8 −3.62 −26.64	0132 O07 48.9 −11.38 −26.44	0141 P07 53.0 −19.14 −26.24	0150 Q07 57.1 −27.07 −21.59	0159 R07 61.2 −35.0 −16.94	0168 S07 29.39 34.64 −23.99	0177 T07 35.3 25.12 −22.55	0186 U07 41.21 15.6 −21.1	0195 V07 45.32 7.84 −20.9	0204 W07 49.44 0.08 −20.7	0213 X07 53.55 −7.67 −20.5	0222 Y07 57.66 −15.43 −20.3	0231 Z07 61.77 −23.37 −15.65	0240 a07 65.88 −31.29 −11.01	0735 b07 67.8 −23.21 −30.86	0744 c07 62.74 −19.32 −25.58	0753 d07 57.67 −15.43 −20.3	0762 e07 52.59 −11.54 −15.01	0771 f07 47.51 −7.65 −9.73	0780 g07 42.43 −3.76 −4.44	0789 h07 37.36 0.12 0.82	0798 i07 32.28 8.41 6.75	0807 j07 27.2 16.69 12.66	0978 k07 76.06 −0.61 3.44	0987 l07 76.06 −0.61 3.44	0996 m07 76.06 −0.61 3.44	1005 n07 76.06 −0.61 3.44
08	0007 A08 24.76 27.5 −38.86	0016 B08 28.87 19.82 −38.66	0025 C08 32.98 12.06 −38.46	0034 D08 37.09 4.3 −38.26	0043 E08 41.2 −3.45 −38.06	0052 F08 45.32 −11.21 −37.86	0061 G08 49.43 −18.97 −37.66	0070 H08 53.54 −26.73 −37.46	0079 I08 57.65 −34.46 −32.81	0088 J08 27.6 33.04 −34.17	0097 K08 33.46 23.52 −32.73	0106 L08 37.58 15.76 −32.53	0115 M08 41.69 8.0 −32.33	0124 N08 45.8 0.24 −32.13	0133 O08 49.91 −7.51 −31.92	0142 P08 54.03 −15.27 −31.72	0151 Q08 58.14 −23.03 −31.52	0160 R08 62.25 −30.76 −26.88	0169 S08 30.36 38.51 −29.48	0178 T08 36.26 28.89 −28.03	0187 U08 42.17 19.47 −26.59	0196 V08 46.29 11.7 −26.39	0205 W08 50.4 3.93 −26.19	0214 X08 54.51 −3.8 −25.99	0223 Y08 58.62 −11.56 −25.78	0232 Z08 62.74 −19.32 −25.58	0241 a08 66.84 −27.25 −20.94	0736 b08 63.21 −36.92 −36.8	0745 c08 58.14 −31.52 −26.24	0754 d08 53.06 −26.12 −20.95	0763 e08 47.99 −20.73 −15.67	0772 f08 42.91 −15.35 −10.38	0781 g08 37.83 −9.96 −5.1	0790 h08 32.76 −4.58 0.17	0799 i08 27.68 2.95 6.09	0808 j08 21.75 21.58 4.09	0979 k08 85.73 −0.8 4.09	0988 l08 85.73 −0.8 4.09	0997 m08 85.73 −0.8 4.09	1006 n08 85.73 −0.8 4.09
09	0008 A09 25.72 27.26 −44.35	0017 B09 29.83 17.75 −44.14	0026 C09 33.94 8.22 −43.94	0035 D09 38.06 1.32 −43.74	0044 E09 42.17 −9.26 −43.54	0053 F09 46.28 −17.19 −43.34	0062 G09 50.39 −25.13 −43.14	0071 H09 54.51 −33.06 −42.94	0080 I09 58.61 −40.99 −42.75	0089 J09 28.52 36.9 −38.65	0098 K09 34.43 27.39 −38.21	0107 L09 38.54 19.63 −37.81	0116 M09 42.65 11.87 −37.41	0125 N09 46.76 4.11 −37.01	0134 O09 50.88 −3.64 −36.61	0143 P09 54.99 −11.4 −36.2	0152 Q09 59.1 −19.16 −35.8	0161 R09 63.21 −26.92 −31.2	0170 S09 31.32 42.37 −32.85	0179 T09 37.23 32.86 −31.39	0188 U09 43.14 23.33 −29.94	0197 V09 47.25 15.57 −29.74	0206 W09 51.36 7.81 −29.54	0215 X09 55.47 0.05 −29.34	0224 Y09 59.59 −7.7 −29.14	0233 Z09 63.7 −15.46 −31.06	0242 a09 67.81 −23.21 −36.98	0737 b09 58.61 −30.62 −42.74	0746 c09 53.54 −26.3 −37.46	0755 d09 48.47 −22.84 −32.17	0764 e09 43.39 −18.95 −26.89	0773 f09 38.31 −15.06 −21.6	0782 g09 33.24 −11.17 −16.32	0791 h09 28.16 −7.27 −11.03	0800 i09 23.08 −3.38 −5.75	0809 j09 18.02 0.49 −0.47	0980 k09 95.4 −0.98 4.75	0989 l09 95.4 −0.98 4.75	0998 m09 95.4 −0.98 4.75	1007 n09 95.4 −0.98 4.75
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12	0245 A12 29.28 27.26 4.51	0254 B12 35.19 17.75 5.95	0263 C12 41.1 8.22 7.4	0272 D12 46.4 1.32 12.91	0281 E12 50.51 −9.26 17.56	0290 F12 54.62 −17.19 22.21	0299 G12 58.73 −25.13 26.85	0308 H12 62.85 −33.06 31.5	0317 I12 66.95 −40.99 36.15	0326 J12 33.02 35.36 11.08	0335 K12 38.93 25.85 12.52	0344 L12 44.84 16.33 13.97	0353 M12 50.14 6.7 19.48	0362 N12 55.45 −2.78 24.99	0371 O12 59.56 −10.72 29.64	0380 P12 63.67 −18.65 34.29	0389 Q12 67.78 −26.58 38.93	0398 R12 71.89 −34.51 43.58	0407 S12 36.76 43.47 17.65	0416 T12 42.67 32.95 19.09	0425 U12 48.58 24.43 20.53	0434 V12 53.88 14.87 26.05	0443 W12 59.19 5.31 31.56	0452 X12 64.49 −4.24 37.07	0461 Y12 68.6 −12.17 41.72	0470 Z12 72.71 −20.11 46.37	0479 a12 76.82 −28.03 51.01	0812 b12 77.98 7.11 −7.51	0821 c12 77.02 3.25 −2.03	0830 d12 76.06 −0.61 3.44	0839 e12 75.4 −1.88 14.87	0848 f12 74.8 −3.15 26.3	0857 g12 74.17 −4.43 37.73	0866 h12 73.54 −5.7 49.15	0875 i12 72.9 −6.97 60.58	0884 j12 72.28 −8.24 72.0	1010 k12 28.33 0.3 0.21	1026 l12 28.33 0.3 0.21	1042 m12 28.33 0.3 0.21	1058 n12 28.33 0.3 0.21
13	0246 A13 29.3 28.5 −2.84	0255 B13 35.21 18.98 −1.39	0264 C13 41.12 9.46 0.04	0273 D13 47.03 −0.05 1.48	0282 E13 51.14 −7.99 6.13	0291 F13 55.25 −15.92 10.78	0300 G13 59.36 −23.86 15.43	0309 H13 63.48 −31.79 20.08	0318 I13 67.58 −39.72 24.72	0327 J13 33.06 36.6 5.2	0336 K13 38.97 27.08 6.6	0345 L13 44.88 17.56 8.05	0354 M13 50.78 8.04 9.51	0363 N13 56.07 −1.51 13.57	0372 O13 60.19 −9.45 18.21	0381 P13 64.3 −17.38 22.86	0390 Q13 68.41 −25.31 27.51	0399 R13 72.52 −33.24 32.15	0408 S13 36.79 42.69 10.29	0417 T13 42.69 48.6 11.73	0426 U13 48.6 54.51 13.18	0435 V13 54.5 59.82 14.62	0444 W13 59.82 65.12 20.13	0453 X13 65.13 70.43 25.65	0462 Y13 69.23 −10.9 30.29	0471 Z13 73.34 −18.84 34.94	0480 a13 77.45 −26.76 39.59	0813 b13 69.27 11.17 −13.65	0822 c13 68.31 7.3 −8.17	0831 d13 67.34 3.43 −2.68	0840 e13 66.38 −0.43 2.79	0849 f13 65.75 −1.7 14.22	0858 g13 65.12 −2.97 25.65	0867 h13 64.49 −4.24 37.07	0876 i13 63.86 −5.51 48.5	0885 j13 63.23 −6.78 59.92	1011 k13 33.49 0.2 0.56	1027 l13 33.49 0.2 0.56	1043 m13 33.49 0.2 0.56	1059 n13 33.49 0.2 0.56
14	0247 A14 30.27 32.37 −8.32	0256 B14 36.17 22.85 −6.88	0265 C14 42.08 13.33 −5.44	0274 D14 47.99 3.81 −3.99	0283 E14 52.11 −3.94 −3.79	0292 F14 56.22 −11.88 0.85	0301 G14 60.33 −19.81 5.5	0310 H14 64.44 −27.75 10.14	0319 I14 68.55 −35.67 14.79	0328 J14 33.07 37.84 −3.63	0337 K14 38.98 28.32 −2.19	0346 L14 44.89 18.8 −0.74	0355 M14 50.8 9.27 0.69	0364 N14 56.71 −0.24 2.13	0373 O14 60.82 −8.17 6.79	0382 P14 64.93 −16.11 11.43	0391 Q14 69.04 −24.04 16.08	0400 R14 73.15 −31.97 20.73	0409 S14 36.81 45.94 2.93	0418 T14 42.72 36.42 4.37	0427 U14 48.63 26.9 5.82	0436 V14 54.54 17.37 7.26	0445 W14 60.45 7.85 8.71	0454 X14 65.75 −1.7 14.22	0463 Y14 69.86 −9.63 18.87	0472 Z14 73.97 −17.57 23.51	0481 a14 78.08 −25.49 28.16	0814 b14 60.56 −19.79	0823 c14 59.6 11.36 −14.31	0832 d14 58.63 7.49 −8.82	0841 e14 57.67 3.62 −3.34	0850 f14 56.71 −0.24 2.13	0859 g14 56.08 −1.51 13.57	0868 h14 55.45 −2.78 24.99	0877 i14 54.82 −4.05 36.42	0886 j14 54.19 −5.32 47.84	1012 k14 38.65 0.1 0.91	1028 l14 38.65 0.1 0.91	1044 m14 38.65 0.1 0.91	1060 n14 38.65 0.1 0.91
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
01	0000 A01 18.02 0.49 -0.47	0009 B01 22.12 -7.42 4.17	0018 C01 26.23 -15.36 8.82	0027 D01 30.34 -23.29 13.46	0036 E01 34.45 -31.22 18.11	0045 F01 38.57 -39.16 22.76	0054 G01 42.68 -47.09 27.41	0063 H01 46.79 -55.03 32.05	0072 I01 50.9 -62.95 36.7	0081 J01 21.75 8.59 6.09	0090 K01 27.05 -0.95 11.6	0099 L01 31.16 -8.89 16.24	0108 M01 35.27 -16.82 20.89	0117 N01 39.38 -24.75 25.54	0126 O01 43.5 -32.69 30.19	0135 P01 47.61 -40.62 34.83	0144 Q01 51.72 -48.55 39.48	0153 R01 55.83 -56.48 44.12	0162 S01 25.49 16.69 12.66	0171 T01 30.79 7.14 18.16	0180 U01 36.1 -2.41 23.68	0189 V01 40.21 -10.34 28.32	0198 W01 44.32 -18.28 32.97	0207 X01 48.43 -26.21 37.62	0216 Y01 52.54 -34.14 42.27	0225 Z01 56.65 -42.08 46.91	0234 a01 60.76 -50.01 51.56	0243 b01 95.4 -0.98 4.75	0252 c01 89.47 7.29 10.66	0261 d01 83.53 15.57 16.58	0270 e01 77.6 23.86 22.49	0279 f01 71.67 32.15 28.4	0288 g01 65.73 40.44 34.32	0297 h01 59.8 48.72 40.23	0306 i01 53.87 57.01 46.15	0315 j01 47.94 65.29 52.06	0324 k01 18.02 0.49 -1.47	0333 l01 18.02 0.49 -0.47	0342 m01 18.02 0.49 -0.47
02	0001 A02 18.98 4.36 -5.95	0010 B02 23.08 -3.38 -5.75	0019 C02 27.2 -11.32 -1.1	0028 D02 31.31 -19.25 3.54	0037 E02 35.42 -27.18 8.19	0046 F02 39.53 -35.12 12.83	0055 G02 43.64 -43.05 17.48	0064 H02 47.75 -50.99 22.13	0073 I02 51.86 -58.91 26.77	0082 J02 21.77 9.82 -1.26	0091 K02 27.68 0.31 0.17	0100 L02 31.79 -7.62 4.83	0109 M02 35.9 -15.55 9.47	0118 N02 40.01 -23.48 14.12	0127 O02 44.12 -31.42 18.77	0136 P02 48.24 -39.35 23.42	0145 Q02 52.35 -47.28 28.06	0154 R02 56.46 -55.21 32.71	0163 S02 25.52 17.93 5.3	0172 T02 31.42 8.41 6.75	0181 U02 36.73 -1.14 12.26	0190 V02 40.84 -9.07 16.91	0199 W02 44.95 -17.01 21.55	0208 X02 49.06 -24.94 26.2	0217 Y02 53.17 -32.87 30.85	0226 Z02 57.28 -40.81 35.5	0235 a02 61.39 -48.73 40.14	0730 b02 90.8 -4.69 -1.17	0739 c02 85.73 -0.8 4.09	0748 d02 79.8 7.48 10.01	0757 e02 73.86 15.77 15.93	0766 f02 67.93 24.05 21.84	0775 g02 62.0 32.34 27.76	0784 h02 56.06 40.63 33.67	0793 i02 50.13 48.92 39.58	0802 j02 44.2 57.2 45.49	0973 k02 27.68 0.31 0.17	0982 l02 27.68 0.31 0.17	0991 m02 27.68 0.31 0.17
03	0002 A03 19.94 8.23 -11.43	0011 B03 24.05 0.48 -11.23	0020 C03 28.16 -7.27 -11.03	0029 D03 32.27 -15.21 -6.38	0038 E03 36.38 -23.14 -1.74	0047 F03 40.49 -31.08 2.9	0056 G03 44.61 -39.01 7.55	0065 H03 48.72 -46.94 12.2	0074 I03 52.83 -54.87 16.84	0083 J03 22.74 13.69 -6.74	0092 K03 28.64 4.18 -5.3	0101 L03 32.76 -3.57 -5.1	0110 M03 36.87 -11.51 -0.45	0119 N03 40.98 -19.44 4.19	0128 O03 45.09 -27.37 8.84	0137 P03 49.2 -35.31 13.48	0146 Q03 53.31 -43.24 18.13	0155 R03 57.42 -51.17 22.78	0164 S03 25.54 19.16 -2.05	0173 T03 31.45 19.65 -0.6	0182 U03 37.36 0.12 0.82	0191 V03 41.47 -7.8 5.48	0200 W03 45.58 -15.74 10.13	0209 X03 49.69 -23.67 14.77	0218 Y03 53.8 -31.6 19.42	0227 Z03 57.91 -39.54 24.07	0236 a03 62.02 -47.46 28.71	0731 b03 86.2 -8.39 -7.11	0740 c03 81.13 4.5 -1.83	0749 d03 76.06 -0.61 3.44	0758 e03 70.12 7.67 9.36	0767 f03 64.19 15.95 15.27	0776 g03 58.25 24.24 21.19	0785 h03 52.32 32.53 27.1	0794 i03 46.39 40.82 33.02	0803 j03 40.46 49.1 38.93	0974 k03 37.36 0.12 0.82	0983 l03 37.36 0.12 0.82	0992 m03 37.36 0.12 0.82	1001 n03 37.36 0.12 0.82
04	0003 A04 20.9 12.1 -16.92	0012 B04 25.01 4.34 -16.72	0021 C04 29.12 -3.41 -16.52	0030 D04 33.24 -11.17 -16.32	0039 E04 37.35 -19.1 -11.67	0048 F04 41.46 -27.03 -7.02	0057 G04 45.57 -34.97 -2.37	0066 H04 49.68 -42.9 2.26	0075 I04 53.79 -50.83 6.91	0084 J04 23.7 17.56 -12.23	0093 K04 29.61 8.05 -10.78	0102 L04 33.72 0.29 -10.58	0111 M04 37.83 -7.46 -10.38	0120 N04 41.94 -15.4 -5.73	0129 O04 46.06 -23.33 -1.09	0138 P04 50.17 -31.26 3.55	0147 Q04 54.28 -39.2 8.2	0156 R04 58.39 -47.13 12.84	0165 S04 26.5 23.03 -7.53	0174 T04 32.41 13.52 -6.09	0183 U04 38.32 3.99 -4.64	0192 V04 42.43 -3.76 -4.44	0201 W04 46.54 -11.51 0.19	0210 X04 50.65 -19.63 4.84	0219 Y04 54.77 -27.56 9.49	0228 Z04 58.88 -35.49 14.14	0237 a04 62.98 -43.42 18.78	0732 b04 81.6 -12.1 -13.05	0741 c04 76.53 -8.21 -7.77	0750 d04 71.46 -4.32 -2.48	0759 e04 66.38 -0.43 2.79	0768 f04 60.45 7.85 8.71	0777 g04 54.51 16.14 14.62	0786 h04 48.58 24.43 20.53	0795 i04 42.65 32.71 26.45	0804 j04 36.72 40.99 32.36	0975 k04 47.03 -0.05 1.48	0984 l04 47.03 -0.05 1.48	0993 m04 47.03 -0.05 1.48	1002 n04 47.03 -0.05 1.48
05	0004 A05 21.87 15.91 -22.41	0013 B05 25.98 8.21 -22.2	0022 C05 30.09 0.45 -22.0	0031 D05 34.2 -7.3 -21.8	0040 E05 38.31 -15.06 -21.6	0049 F05 42.42 -22.99 -16.95	0058 G05 46.54 -30.92 -12.31	0067 H05 50.65 -38.86 -7.66	0076 I05 54.76 -46.79 -3.01	0085 J05 24.67 21.43 -17.71	0094 K05 30.57 11.92 -16.67	0103 L05 34.68 4.16 -16.07	0112 M05 38.8 -3.59 -15.87	0121 N05 42.91 -11.36 -15.67	0130 O05 47.02 -19.29 -11.02	0139 P05 51.13 -27.22 -6.37	0148 Q05 55.24 -35.16 -1.72	0157 R05 59.35 -43.08 2.91	0166 S05 27.47 26.9 -12.1	0175 T05 33.37 17.38 -11.58	0184 U05 39.28 7.86 -10.13	0193 V05 43.4 0.1 -9.93	0202 W05 47.51 -7.65 -9.73	0211 X05 51.62 -15.58 -5.08	0220 Y05 55.73 -23.52 -0.43	0229 Z05 59.84 -31.45 4.2	0238 a05 63.95 -39.38 8.85	0733 b05 77.5 -15.8 -18.99	0742 c05 71.93 -11.91 -13.71	0751 d05 66.86 -8.02 -8.57	0760 e05 61.78 -4.13 -3.14	0769 f05 56.71 -0.24 2.13	0778 g05 50.77 8.04 8.05	0787 h05 44.84 16.33 13.97	0796 i05 38.9 24.61 19.88	0805 j05 32.97 32.89 25.79	0976 k05 56.71 -0.24 2.13	0985 l05 56.71 -0.24 2.13	0994 m05 56.71 -0.24 2.13	1003 n05 56.71 -0.24 2.13
06	0005 A06 22.83 19.84 -27.89	0014 B06 26.94 12.08 -27.69	0023 C06 31.05 4.32 -27.49	0032 D06 35.16 -3.43 -27.29	0041 E06 39.28 -11.19 -27.09	0050 F06 43.39 -18.95 -26.89	0059 G06 47.5 -26.88 -22.24	0068 H06 51.61 -34.82 -17.59	0077 I06 55.72 -42.74 -12.95	0086 J06 25.63 23.5 -23.2	0095 K06 31.54 15.28 -21.76	0104 L06 35.65 8.02 -21.56	0113 M06 39.76 0.26 -21.35	0122 N06 43.87 -7.49 -21.15	0131 O06 47.99 -15.25 -20.95	0140 P06 52.1 -23.18 -16.3	0149 Q06 56.21 -31.11 -11.66	0158 R06 60.32 -39.04 -7.01	0167 S06 28.43 30.77 -18.51	0176 T06 34.34 21.25 -17.06	0185 U06 40.25 11.73 -15.62	0194 V06 44.36 3.97 -15.42	0203 W06 48.47 -3.78 -15.21	0212 X06 52.58 -11.54 -15.01	0221 Y06 56.7 -19.48 -10.37	0230 Z06 60.81 -27.41 -5.72	0239 a06 64.91 -35.34 -1.07	0734 b06 72.41 -19.51 -24.92	0743 c06 67.34 -15.62 -19.64	0752 d06 62.26 -11.73 -14.36	0761 e06 57.18 -7.84 -9.07	0770 f06 52.11 -3.94 -3.79	0779 g06 47.03 0.05 1.48	0788 h06 41.1 8.12 7.4	0797 i06 35.16 16.51 13.31	0806 j06 29.23 24.79 19.22	0977 k06 66.38 -0.43 2.79	0986 l06 66.38 -0.43 2.79	0995 m06 66.38 -0.43 2.79	1004 n06 66.38 -0.43 2.79
07	0006 A07 29.9 23.7 -33.38	0015 B07 33.9 15.95 -33.18	0024 C07 38.01 8.19 -32.98	0033 D07 42.12 0.43 -32.77	0042 E07 46.23 -7.32 -32.57	0051 F07 50.34 -15.08 -32.37	0060 G07 54.45 -22.84 -32.17	0069 H07 58.56 -30.77 -27.52	0078 I07 62.67 -38.7 -22.88	0087 J07 26.5 29.17 -28.69	0096 K07 32.4 19.65 -27.24	0105 L07 36.51 11.89 -27.04	0114 M07 40.62 4.13 -26.84	0123 N07 44.73 -3.62 -26.64	0132 O07 48.85 -11.38 -26.44	0141 P07 52.96 -19.14 -26.24	0150 Q07 57.07 -27.07 -21.59	0159 R07 61.18 -35.0 -16.94	0168 S07 29.39 34.64 -23.99	0177 T07 35.3 25.12 -22.55	0186 U07 41.21 15.6 -21.1	0195 V07 45.32 7.84 -20.9	0204 W07 49.44 0.08 -20.5	0213 X07 53.55 -7.67 -20.3	0222 Y07 57.66 -15.43 -20.3	0231 Z07 61.77 -23.37 -15.65	0240 a07 65.88 -31.29 -11.01	0735 b07 67.81 -23.21 -30.86	0744 c07 62.73 -19.32 -25.58	0753 d07 57.66 -15.43 -20.3	0762 e07 52.58 -11.54 -15.01	0771 f07 47.51 -7.65 -9.73	0780 g07 42.43 -3.76 -4.44	0789 h07 37.36 0.12 0.82	0798 i07 32.28 8.41 6.75	0807 j07 27.21 16.69 12.66	0978 k07 76.06 -0.61 3.44	0987 l07 76.06 -0.61 3.44	0996 m07 76.06 -0.61 3.44	1005 n07 76.06 -0.61 3.44
08	0007 A08 24.76 27.5 -38.86	0016 B08 28.87 19.82 -38.66	0025 C08 32.98 12.06 -38.46	0034 D08 37.09 4.3 -38.26	0043 E08 41.2 -3.45 -38.06	0052 F08 45.32 -11.21 -37.86	0061 G08 49.43 -18.97 -37.66	0070 H08 53.54 -26.73 -37.46	0079 I08 57.65 -34.66 -32.81	0088 J08 27.56 33.04 -34.17	0097 K08 33.46 23.52 -32.73	0106 L08 37.58 15.76 -32.53	0115 M08 41.69 8.0 -32.33	0124 N08 45.8 0.24 -32.13	0133 O08 49.91 -7.51 -31.92	0142 P08 54.03 -15.27 -31.72	0151 Q08 58.14 -23.03 -31.52	0160 R08 62.25 -30.79 -26.88	0169 S08 30.36 38.51 -29.48	0178 T08 36.26 28.89 -28.03	0187 U08 42.17 19.47 -26.59	0196 V08 46.29 11.7 -26.39	0205 W08 50.4 3.93 -26.19	0214 X08 54.51 -3.8 -25.99	0223 Y08 58.62 -11.56 -25.78	0232 Z08 62.74 -19.32 -25.58	0241 a08 66.84 -27.25 -20.94	0736 b08 63.21 -36.8 -36.8	0745 c08 58.14 -31.52 -31.52	0754 d08 53.06 -26.24 -26.24	0763 e08 47.99 -20.95 -20.95	0772 f08 42.91 -15.67 -15.67	0781 g08 37.83 -10.38 -10.38	0790 h08 32.76 -5.1 -5.1	0799 i08 27.68 0.17 0.17	0808 j08 21.75 6.09 6.09	0979 k08 85.73 -0.8 4.09	0988 l08 85.73 -0.8 4.09	0997 m08 85.73 -0.8 4.09	1006 n08 85.73 -0.8 4.09
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10	0243 A10 29.23 24.79 19.22	0252 B10 34.53 15.24 24.73	0261 C10 39.84 5.68 30.24	0270 D10 45.14 -3.87 35.76	0279 E10 49.25 -11.8 40.4	0288 F10 53.36 -19.73 45.05	0297 G10 57.47 -27.67 49.7	0306 H10 61.59 -35.6 54.35	0315 I10 65.69 -43.53 58.99	0324 J10 32.97 32.89 25.79	0333 K10 38.27 23.34 31.3	0342 L10 43.58 13.78 36.81	0351 M10 48.88 4.22 42.32	0360 N10 54.19 -5.32 47.84	0369 O10 58.3 -13.26 52.48	0378 P10 62.41 -21.19 57.13	0387 Q10 66.52 -29.13 61.78	0396 R10 70.63 -37.05 66.42	0405 S10 40.99 40.32 32.36	0414 T10 46.92 31.44 37.87	0423 U10 42.02 21.88 43.38	0432 V10 47.42 12.33 48.89	0441 W10 52.62 2.77 54.4	0450 X10 57.93 -6.78 59.92	0459 Y10 63.23 -14.72 64.56	0468 Z10 68.54 -22.65 69.21	0477 a10 75.56 -30.58 73.85	0810 b10 95.4 -0.98 4.75	0819 c10 89.47 -0.98 16.17	0828 d10 83.53 -0.98 27.6	0837 e10 77.6 -0.98 39.02	0846 f10 71.67 -0.98 50.45	0855 g10 65.73 -0.98 61.88	0864 h10 59.8 -0.98 73.3	0873 i10 53.87 -0.98 84.73	0882 j10 47.94 -0.98 96.15	1008 k10 18.02 0.49 -0.47	1024 l10 18.02 0.49 -0.47	1040 m10 18.02 0.49 -0.47	1056 n10 18.02 0.49 -0.47
11	0244 A11 35.16 26.03 11.87	0253 B11 40.47 16.51 13.31	0262 C11 45.77 -2.6 18.83	0271 D11 51.08 -10.53 24.34	0280 E11 56.39 -18.46 28.99	0289 F11 61.7 -26.4 33.63	0298 G11 67.02 -34.33 38.28	0307 H11 72.33 -42.26 42.93	0316 I11 77.64 -50.19 47.57	0325 J11 33.9 38.4 18.44	0334 K11 39.21 24.61 19.88	0343 L11 44.51 15.05 25.39	0352 M11 49.82 5.5 30.91	0361 N11 55.13 -4.05 36.42	0370 O11 60.45 -11.99 41.07	0379 P11 65.76 -19.92 45.71	0388 Q11 71.07 -27.86 50.36	0397 R11 76.38 -35.78 55.01	0406 S11 43.47 42.23 25.0	0415 T11 49.38 32.71 26.45	0424 U11 55.29 23.16 31.96	0433 V11 61.2 13.6 37.47	0442 W11 67.11 4.04 42.99	0451 X11 73.02 -5.51 48.5	0460 Y11 78.93 -13.44 53.15	0469 Z11 84.84 -21.38 57.79	0478 a11 90.75 -29.31 62.44	0811 b11 86.69 3.06 -1.37	0820 c11 85.73 -0.8 4.09	0829 d11 84.77 -5.27 15.53	0838 e11 83.81 -9.74 26.95	0847 f11 82.85 -14.21 38.38	0856 g11 81.89 -18.68 49.81	0865 h11 80.93 -23.15 61.23	0874 i11 79.97 -27.62 72.66	0883 j11 79.01 -32.09 84.08	1009 k11 23.17 0.4 -0.12	1025 l11 23.17 0.4 -0.12	1041 m11 23.17 0.4 -0.12	1057 n11 23.17 0.4 -0.12
12	0245 A12 29.28 27.26 4.51	0254 B12 35.19 17.75 5.95	0263 C12 41.1 8.22 7.4	0272 D12 46.4 -1.32 12.91	0281 E12 50.51 -9.26 17.56	0290 F12 54.62 -17.19 22.21	0299 G12 58.73 -25.13 26.85	0308 H12 62.85 -33.06 31.5	0317 I12 66.95 -40.99 36.15	0326 J12 33.02 35.36 11.08	0335 K12 38.93 25.85 12.52	0344 L12 44.84 16.33 13.97	0353 M12 50.14 6.7 19.48	0362 N12 55.45 -2.9 24.99	0371 O12 59.56 -10.72 29.64	0380 P12 63.67 -18.65 34.29	0389 Q12 67.78 -26.58 38.93	0398 R12 71.89 -34.51 43.58	0407 S12 34.7 43.47 17.65	0416 T12 42.67 52.95 19.09	0425 U12 48.58 24.43 20.53	0434 V12 53.88 14.87 26.05	0443 W12 59.19 5.31 31.56	0452 X12 64.49 -4.24 37.07	0461 Y12 68.6 -12.17 41.72	0470 Z12 72.71 -20.11 46.37	0479 a12 76.82 -28.03 51.01	0812 b12 77.98 7.11 -7.51	0821 c12 77.02 3.25 -2.03	0830 d12 76.06 -0.61 3.44	0839 e12 75.4 -1.88 14.87	0848 f12 74.8 -3.15 26.3	0857 g12 74.17 -4.43 37.73	0866 h12 73.54 -5.7 49.15	0875 i12 72.9 -6.97 60.58	0884 j12 72.28 -8.24 72.0	1010 k12 28.33 0.3 0.21	1026 l12 28.33 0.3 0.21	1042 m12 28.33 0.3 0.21	1058 n12 28.33 0.3 0.21
13	0246 A13 29.3 28.5 -2.84	0255 B13 35.21 18.98 -1.39	0264 C13 41.12 9.46 0.04	0273 D13 47.03 -0.05 1.48	0282 E13 51.14 -7.99 6.13	0291 F13 55.25 -15.92 10.78	0300 G13 59.36 -23.86 15.43	0309 H13 63.48 -31.79 20.08	0318 I13 67.58 -39.72 24.72	0327 J13 33.6 36.6 5.2	0336 K13 39.5 27.08 6.6	0345 L13 44.91 17.56 8.05	0354 M13 50.32 8.04 13.57	0363 N13 55.73 -1.52 18.21	0372 O13 61.14 -9.45 22.86	0381 P13 66.55 -17.38 27.51	0390 Q13 71.96 -25.31 32.15	0399 R13 77.37 -33.24 36.8	0408 S13 36.79 44.19 10.29	0417 T13 42.69 35.19 11.73	0426 U13 48.6 25.66 13.18	0435 V13 54.51 16.14 14.62	0444 W13 60.42 6.58 20.13	0453 X13 66.33 -2.97 25.65	0462 Y13 72.24 -10.9 30.29	0471 Z13 73.34 -18.84 34.94	0480 a13 77.45 -26.76 39.59	0813 b13 69.27 11.17 -13.65	0822 c13 68.31 7.3 -8.17	0831 d13 67.34 3.43 -2.68	0840 e13 66.38 -0.43 2.79	0849 f13 65.75 -1.7 14.22	0858 g13 65.12 -2.97 25.65	0867 h13 64.49 -4.24 37.07	0876 i13 63.86 -5.51 48.5	0885 j13 63.23 -6.78 59.92	1011 k13 33.49 0.2 0.56	1027 l13 33.49 0.2 0.56	1043 m13 33.49 0.2 0.56	1059 n13 33.49 0.2 0.56
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01	0000 A01 18.02 0.49 -0.47	0009 B01 22.12 -7.42 4.17	0018 C01 26.23 -15.36 8.82	0027 D01 30.34 -23.29 13.46	0036 E01 34.45 -31.22 18.11	0045 F01 38.57 -39.16 22.76	0054 G01 42.68 -47.09 27.41	0063 H01 46.79 -55.03 32.05	0072 I01 50.9 -62.95 36.7	0081 J01 21.75 8.59 6.09	0090 K01 27.05 -0.95 11.6	0099 L01 31.16 -8.89 16.24	0108 M01 35.27 -16.82 20.89	0117 N01 39.38 -24.75 25.54	0126 O01 43.5 -32.69 30.19	0135 P01 47.61 -40.62 34.83	0144 Q01 51.72 -48.55 39.48	0153 R01 55.83 -56.48 44.12	0162 S01 25.49 16.69 12.66	0171 T01 30.79 7.14 18.16	0180 U01 36.1 -2.41 23.68	0189 V01 40.21 -10.34 28.32	0198 W01 44.32 -18.28 32.97	0207 X01 48.43 -26.21 37.62	0216 Y01 52.54 -34.14 42.27	0225 Z01 56.65 -42.08 46.91	0234 a01 60.76 -50.01 51.56	0243 b01 95.4 -0.98 4.75	0252 c01 89.47 7.29 10.66	0261 d01 83.53 15.57 16.58	0270 e01 77.6 23.86 22.49	0279 f01 71.67 32.15 28.4	0288 g01 65.73 40.44 34.32	0297 h01 59.8 48.72 40.23	0306 i01 53.87 57.01 46.15	0315 j01 47.94 65.29 52.06	0324 k01 18.02 0.49 -1.47	0333 l01 18.02 0.49 -0.47	0342 m01 18.02 0.49 -0.47	0351 n01 18.02 0.49 -0.47
02	0001 A02 18.98 4.36 -5.95	0010 B02 23.08 -3.38 -5.75	0019 C02 27.2 -11.32 -1.1	0028 D02 31.31 -19.25 3.54	0037 E02 35.42 -27.18 8.19	0046 F02 39.53 -35.12 12.83	0055 G02 43.64 -43.05 17.48	0064 H02 47.75 -50.99 22.13	0073 I02 51.86 -58.91 26.77	0082 J02 21.07 9.82 -1.26	0091 K02 27.68 0.31 0.17	0100 L02 31.79 -7.62 4.83	0109 M02 35.9 -15.55 9.47	0118 N02 40.01 -23.48 14.12	0127 O02 44.12 -31.42 18.77	0136 P02 48.24 -39.35 23.42	0145 Q02 52.35 -47.28 28.06	0154 R02 56.46 -55.21 32.71	0163 S02 25.52 17.93 5.3	0172 T02 31.42 8.41 6.75	0181 U02 36.73 -1.14 12.26	0190 V02 40.84 -9.07 16.91	0199 W02 44.95 -17.01 21.55	0208 X02 49.06 -24.94 26.2	0217 Y02 53.17 -32.87 30.85	0226 Z02 57.28 -40.81 35.5	0235 a02 61.39 -48.73 40.14	0244 b02 90.8 -4.69 -1.17	0253 c02 85.73 0.8 4.09	0262 d02 79.8 7.48 10.01	0271 e02 73.86 15.77 15.93	0280 f02 67.93 24.05 21.84	0289 g02 62.0 32.34 27.76	0298 h02 56.06 40.63 33.67	0307 i02 50.13 48.92 39.58	0316 j02 44.2 57.2 45.49	0325 k02 27.68 0.31 0.17	0334 l02 27.68 0.31 0.17	0343 m02 27.68 0.31 0.17	0352 n02 27.68 0.31 0.17
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07	0006 A07 22.9 23.7 -33.38	0015 B07 27.01 15.95 -33.18	0024 C07 31.12 8.19 -32.98	0033 D07 35.23 0.43 -32.77	0042 E07 39.34 -7.32 -32.57	0051 F07 43.45 -15.08 -32.37	0060 G07 47.56 -22.84 -32.17	0069 H07 51.67 -30.77 -27.52	0078 I07 55.78 -38.7 -22.88	0087 J07 26.57 29.17 -28.69	0096 K07 32.5 19.65 -27.24	0105 L07 36.61 11.89 -27.04	0114 M07 40.72 4.13 -26.84	0123 N07 44.83 -3.62 -26.64	0132 O07 48.95 -11.38 -26.44	0141 P07 53.06 -19.14 -26.24	0150 Q07 57.17 -27.07 -21.59	0159 R07 61.28 -35.0 -16.94	0168 S07 29.39 34.64 -23.99	0177 T07 35.3 25.12 -22.55	0186 U07 41.21 15.6 -21.1	0195 V07 45.32 7.84 -20.9	0204 W07 49.44 0.08 -20.5	0213 X07 53.55 -7.67 -20.3	0222 Y07 57.66 -15.43 -20.3	0231 Z07 61.77 -23.37 -15.65	0240 a07 65.88 -31.29 -11.01	0249 b07 78.1 -23.21 -30.86	0258 c07 67.1 -19.32 -25.58	0267 d07 62.43 -15.43 -20.94	0276 e07 57.76 -11.54 -16.3	0285 f07 53.08 -7.65 -11.67	0294 g07 48.41 -3.76 -7.33	0303 h07 43.73 0.12 -4.44	0312 i07 39.06 8.41 -1.55	0321 j07 34.38 16.69 -1.42	0330 k07 67.1 -0.61 3.44	0339 l07 67.1 -0.61 3.44	0348 m07 67.1 -0.61 3.44	0357 n07 67.1 -0.61 3.44
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	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
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06	0005 A06 19.0 47.52 −64.73	0014 B06 26.05 32.26 −53.49	0023 C06 33.12 16.98 −42.23	0032 D06 40.18 1.71 −30.97	0041 E06 47.24 −13.56 −19.71	0050 F06 54.3 −28.83 −8.46	0059 G06 64.75 −39.18 1.52	0068 H06 75.2 −49.52 11.51	0077 I06 85.64 −59.85 21.49	0086 J06 22.36 49.81 −59.09	0095 K06 27.12 38.03 −51.8	0104 L06 34.18 22.75 −40.54	0113 M06 41.24 7.47 −29.28	0122 N06 48.3 −7.79 −18.02	0131 O06 55.36 −23.07 −6.77	0140 P06 65.82 −33.41 3.21	0149 Q06 76.27 −43.76 13.2	0158 R06 86.71 −54.09 23.18	0167 S06 25.73 52.1 −53.44	0176 T06 30.49 40.31 −46.15	0185 U06 35.25 28.52 −38.84	0194 V06 42.31 13.24 −27.59	0203 W06 49.37 −2.03 −16.33	0212 X06 56.43 −17.3 −5.07	0221 Y06 66.88 −27.64 4.91	0230 Z06 77.33 −37.99 14.89	0239 a06 87.78 −48.32 24.87	0734 b06 90.07 −28.83 −8.46	0743 c06 79.22 −23.07 −6.77	0752 d06 68.36 −17.3 −5.07	0761 e06 57.5 −11.53 −3.38	0770 f06 46.64 −5.76 −1.69	0779 g06 35.79 0.0 −0.01	0788 h06 30.17 9.61 8.06	0797 i06 24.55 19.22 16.13	0806 j06 18.94 28.83 24.19	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
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09	0008 A09 30.39 33.19 −103.57	0017 B09 37.44 21.4 −92.73	0026 C09 44.51 9.61 −81.07	0035 D09 51.57 30.22 −69.81	0044 E09 58.63 14.95 −58.55	0053 F09 65.69 −0.32 −47.3	0062 G09 72.75 −15.6 −36.04	0071 H09 79.81 −30.87 −24.78	0080 I09 86.87 −46.14 −13.54	0089 J09 33.75 58.51 −97.93	0098 K09 38.51 45.57 −90.63	0107 L09 43.27 52.63 −78.38	0116 M09 48.03 59.69 −66.52	0125 N09 52.79 66.75 −54.67	0134 O09 57.55 73.82 −42.81	0143 P09 62.31 80.88 −30.95	0152 Q09 67.08 87.93 −19.09	0161 R09 71.84 97.42 −7.23	0170 S09 37.19 48.06 −81.1	0179 T09 41.87 63.83 −77.68	0188 U09 46.64 57.03 −76.43	0197 V09 53.7 41.76 −64.75	0206 W09 60.76 26.48 −53.43	0215 X09 67.82 11.2 −42.23	0224 Y09 74.88 −4.06 −30.97	0233 Z09 81.94 −19.34 −19.71	0242 a09 89.0 −34.6 −11.84	0737 b09 86.87 −46.14 −13.54	0746 c09 76.02 −40.37 −11.84	0755 d09 65.16 −34.6 −10.15	0764 e09 54.3 −28.83 −8.46	0773 f09 43.44 −23.07 −6.77	0782 g09 32.58 −17.3 −5.07	0791 h09 21.72 −11.53 −3.38	0800 i09 10.86 −5.76 −1.69	0809 j09 0.03 0.0 −0.01	0980 k09 95.41 0.0 −0.01	0989 l09 95.41 0.0 −0.01	0998 m09 95.41 0.0 −0.01	1007 n09 95.41 0.0 −0.01
10	0243 A10 18.94 28.83 24.19	0252 B10 24.21 16.64 27.47	0261 C10 29.48 4.44 30.74	0270 D10 34.75 −7.75 34.02	0279 E10 41.02 −18.09 44.0	0288 F10 55.65 −28.43 53.99	0297 G10 66.1 −38.78 63.98	0306 H10 76.55 −49.12 73.97	0315 I10 87.0 −59.45 83.95	0324 J10 25.25 38.44 32.26	0333 K10 30.52 26.25 35.54	0342 L10 35.79 14.05 38.81	0351 M10 41.06 1.86 42.09	0360 N10 46.33 −10.33 45.36	0369 O10 56.78 −20.68 55.35	0378 P10 67.23 −31.02 65.34	0387 Q10 77.68 −41.36 75.32	0396 R10 88.13 −51.69 85.3	0405 S10 31.57 48.06 40.33	0414 T10 36.83 35.87 43.6	0423 U10 42.1 23.67 46.88	0432 V10 47.37 11.47 50.15	0441 W10 52.64 −0.72 53.43	0450 X10 57.91 −12.92 56.7	0459 Y10 68.36 −23.26 66.69	0468 Z10 78.81 −33.6 76.68	0477 a10 89.26 −43.94 86.66	0810 b10 95.41 0.0 −0.01	0819 c10 95.41 −2.58 11.33	0828 d10 94.71 −5.16 22.67	0837 e10 94.36 −7.75 34.02	0846 f10 94.02 −10.33 45.36	0855 g10 93.68 −12.92 56.7	0864 h10 93.33 −15.5 68.05	0873 i10 92.99 −18.09 79.39	0882 j10 92.65 −20.67 90.73	1008 k10 0.03 0.0 −0.01	1024 l10 0.03 0.0 −0.01	1040 m10 0.03 0.0 −0.01	1056 n10 0.03 0.0 −0.01
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12	0245 A12 20.65 33.19 −6.52	0254 B12 25.4 21.4 0.76	0263 C12 30.17 9.61 8.06	0272 D12 35.44 −2.58 11.34	0281 E12 45.89 −12.92 21.33	0290 F12 56.34 −23.27 31.31	0299 G12 66.79 −33.61 41.3	0308 H12 77.24 −43.95 51.29	0317 I12 87.68 −54.28 61.27	0326 J12 26.96 42.8 54.8	0335 K12 31.72 16.13 19.41	0344 L12 36.48 19.41 22.68	0353 M12 41.75 −2.58 32.67	0362 N12 47.02 −12.92 42.66	0371 O12 57.47 −23.27 52.65	0380 P12 67.92 −33.61 62.64	0389 Q12 78.37 −43.96 72.63	0398 R12 88.81 −54.29 82.62	0407 S12 33.27 48.63 9.61	0416 T12 38.03 40.63 16.9	0425 U12 42.79 28.84 24.2	0434 V12 48.06 16.64 27.48	0443 W12 53.33 4.44 30.75	0452 X12 58.6 −7.75 34.03	0461 Y12 69.05 −18.09 44.01	0470 Z12 79.5 −28.43 54.0	0479 a12 89.94 −38.77 63.98	0812 b12 79.15 19.0 −25.88	0821 c12 75.35 9.5 −12.95	0830 d12 71.57 0.0 −0.01	0839 e12 71.21 2.58 11.34	0848 f12 70.87 5.16 22.68	0857 g12 70.52 7.75 34.03	0866 h12 70.18 10.34 45.37	0875 i12 69.84 12.92 56.71	0884 j12 69.49 15.5 68.05	1010 k12 12.74 0.0 −0.01	1026 l12 12.74 0.0 −0.01	1042 m12 12.74 0.0 −0.01	1058 n12 12.74 0.0 −0.01
13	0246 A13 21.5 35.37 −21.89	0255 B13 26.26 23.58 −14.6	0264 C13 31.02 11.79 −7.3	0273 D13 35.79 0.0 −0.01	0282 E13 46.23 −10.34 9.98	0291 F13 56.67 −20.68 19.97	0300 G13 67.13 −31.02 29.96	0309 H13 77.59 −41.37 39.95	0318 I13 88.03 −51.71 49.92	0327 J13 27.81 44.98 −57.12	0336 K13 32.57 33.2 −6.53	0345 L13 37.33 21.4 8.06	0354 M13 42.09 9.61 11.34	0363 N13 46.85 −2.58 21.33	0372 O13 57.31 −12.92 31.3	0381 P13 67.76 −23.27 41.3	0390 Q13 78.22 −33.61 41.3	0399 R13 88.67 −43.94 51.28	0408 S13 34.12 54.59 −5.75	0417 T13 38.88 42.81 1.51	0426 U13 43.64 31.02 8.83	0435 V13 48.4 19.22 16.13	0444 W13 53.17 7.42 19.41	0453 X13 57.93 −4.38 22.68	0462 Y13 69.39 −14.72 32.67	0471 Z13 79.85 −25.06 42.66	0480 a13 90.29 −35.4 52.65	0813 b13 71.02 28.51 −38.83	0822 c13 67.23 19.01 −25.88	0831 d13 63.43 9.5 −12.95	0840 e13 59.64 0.0 −0.01	0849 f13 59.29 −2.58 11.34	0858 g13 58.94 −5.17 22.68	0867 h13 58.6 −7.75 34.03	0876 i13 58.26 −10.34 45.37	0885 j13 57.91 −12.92 56.7	1011 k13 19.1 0.0 −0.01	1027 l13 19.1 0.0 −0.01	1043 m13 19.1 0.0 −0.01	1059 n13 19.1 0.0 −0.01
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06	0005 A06 19.0 47.52 −64.73	0014 B06 26.05 32.26 −53.49	0023 C06 33.12 16.98 −42.23	0032 D06 40.18 1.71 −30.97	0041 E06 47.24 −13.56 −19.71	0050 F06 54.3 −28.83 −8.46	0059 G06 64.75 −39.18 1.52	0068 H06 75.2 −49.52 11.51	0077 I06 85.64 −59.85 21.49	0086 J06 22.36 49.81 −59.09	0095 K06 27.12 38.03 −51.8	0104 L06 34.18 22.75 −40.54	0113 M06 41.24 7.47 −29.28	0122 N06 48.3 −7.79 −18.02	0131 O06 55.36 −23.07 −6.77	0140 P06 65.82 −33.41 3.21	0149 Q06 76.27 −43.76 13.2	0158 R06 86.71 −54.09 23.18	0167 S06 25.73 52.1 −53.44	0176 T06 30.49 40.31 −46.15	0185 U06 35.25 28.52 −38.84	0194 V06 42.31 13.24 −27.59	0203 W06 49.37 −2.03 −16.33	0212 X06 56.43 −17.3 −5.07	0221 Y06 66.88 −27.64 4.91	0230 Z06 77.33 −37.99 14.89	0239 a06 87.78 −48.32 24.87	0734 b06 90.07 −28.83 −8.46	0743 c06 79.22 −23.07 −6.77	0752 d06 68.36 −17.3 −5.07	0761 e06 57.5 −11.53 −3.38	0770 f06 46.64 −5.76 −1.69	0779 g06 35.79 0.0 −0.01	0788 h06 30.17 9.61 8.06	0797 i06 24.55 19.22 16.13	0806 j06 18.94 28.83 24.19	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
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08	0007 A08 26.59 68.54 −90.63	0016 B08 33.65 51.28 −79.39	0025 C08 40.71 36.0 −68.13	0034 D08 47.77 20.72 −56.87	0043 E08 54.83 5.45 −45.61	0052 F08 61.89 −9.82 −34.36	0061 G08 68.96 −25.1 −23.1	0070 H08 76.02 −40.37 −11.84	0079 I08 86.46 −50.71 1.86	0088 J08 29.96 48.82 −84.99	0097 K08 34.71 57.04 −77.69	0106 L08 41.78 41.76 −66.44	0115 M08 48.84 26.49 −55.18	0124 N08 55.9 11.21 −43.92	0133 O08 62.96 −4.06 −32.66	0142 P08 70.02 −19.33 −21.41	0151 Q08 77.08 −34.6 −10.15	0160 R08 87.53 −44.94 −0.17	0169 S08 33.32 71.1 −79.34	0178 T08 38.08 59.3 −72.05	0187 U08 42.84 47.53 −64.75	0196 V08 49.9 32.26 −53.49	0205 W08 56.96 18.98 −42.23	0214 X08 64.02 5.69 −30.97	0223 Y08 71.09 −7.0 −19.71	0232 Z08 78.15 −20.3 −8.46	0241 a08 88.15 −30.97 1.51	0736 b08 87.93 −40.37 −11.84	0745 c08 77.08 −34.61 −10.15	0754 d08 66.22 −28.84 −8.46	0763 e08 55.36 −23.07 −6.77	0772 f08 44.51 −17.3 −5.07	0781 g08 33.65 −11.53 −3.38	0790 h08 22.79 −5.76 −1.69	0799 i08 11.94 0.0 −0.01	0808 j08 6.32 9.6 8.06	0979 k08 83.49 0.0 −0.01	0988 l08 83.49 0.0 −0.01	0997 m08 83.49 0.0 −0.01	1006 n08 83.49 0.0 −0.01
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10	0243 A10 18.94 28.83 24.19	0252 B10 24.21 16.64 27.47	0261 C10 29.48 4.44 30.74	0270 D10 34.75 −7.75 34.02	0279 E10 45.2 −18.09 44.0	0288 F10 55.65 −28.43 53.99	0297 G10 66.1 −38.78 63.98	0306 H10 76.55 −49.12 73.97	0315 I10 87.0 −59.45 83.95	0324 J10 25.25 38.44 32.26	0333 K10 30.52 26.25 35.54	0342 L10 35.79 14.05 38.81	0351 M10 41.06 1.86 42.09	0360 N10 46.33 −10.33 45.36	0369 O10 56.78 −20.68 55.35	0378 P10 67.23 −31.02 65.34	0387 Q10 77.68 −41.36 75.32	0396 R10 88.13 −51.69 85.3	0405 S10 31.57 48.06 40.33	0414 T10 36.83 35.87 43.6	0423 U10 42.1 23.67 46.88	0432 V10 47.37 11.47 50.15	0441 W10 52.64 −0.72 53.43	0450 X10 57.91 −12.92 56.7	0459 Y10 68.36 −23.26 66.69	0468 Z10 78.81 −33.6 76.68	0477 a10 89.26 −43.94 86.66	0810 b10 95.41 0.0 −0.01	0819 c10 95.41 −2.58 11.33	0828 d10 94.71 −5.16 22.67	0837 e10 94.36 −7.75 34.02	0846 f10 94.02 −10.33 45.36	0855 g10 93.68 −12.92 56.7	0864 h10 93.33 −15.5 68.05	0873 i10 92.99 −18.09 79.39	0882 j10 92.65 −20.67 90.73	1008 k10 0.03 0.0 −0.01	1024 l10 0.03 0.0 −0.01	1040 m10 0.03 0.0 −0.01	1056 n10 0.03 0.0 −0.01
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12	0245 A12 20.65 33.19 −6.52	0254 B12 25.4 21.4 0.76	0263 C12 30.17 9.61 8.06	0272 D12 35.44 −2.58 11.34	0281 E12 45.89 −12.92 21.33	0290 F12 56.34 −23.27 31.31	0299 G12 66.79 −33.61 41.3	0308 H12 77.24 −43.95 51.29	0317 I12 87.68 −54.28 61.27	0326 J12 26.96 42.8 1.54	0335 K12 31.72 10.19 8.83	0344 L12 36.48 19.02 16.13	0353 M12 41.25 7.57 19.41	0362 N12 47.02 −5.17 22.68	0371 O12 57.47 −15.51 32.67	0380 P12 67.92 −25.85 42.66	0389 Q12 78.37 −36.19 52.65	0398 R12 88.81 −46.53 62.62	0407 S12 33.27 40.63 9.61	0416 T12 38.03 28.84 16.9	0425 U12 42.79 17.05 24.2	0434 V12 48.06 5.26 27.48	0443 W12 53.33 −6.53 30.75	0452 X12 58.6 −18.09 34.03	0461 Y12 69.05 −29.64 44.01	0470 Z12 79.5 −28.43 54.0	0479 a12 89.94 −38.77 63.98	0812 b12 79.15 19.0 −25.88	0821 c12 75.35 9.5 −12.95	0830 d12 71.57 0.0 −0.01	0839 e12 71.21 2.58 11.34	0848 f12 70.87 5.17 22.68	0857 g12 70.52 7.75 34.03	0866 h12 70.18 10.34 45.37	0875 i12 69.84 12.92 56.71	0884 j12 69.49 15.5 68.05	1010 k12 12.74 0.0 −0.01	1026 l12 12.74 0.0 −0.01	1042 m12 12.74 0.0 −0.01	1058 n12 12.74 0.0 −0.01
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
01	000 a01 0.03 0.0 -0.01	000 b01 10.46 -10.33 9.97	000 c01 20.91 -20.67 19.96	000 d01 31.36 -31.01 29.95	000 e01 41.81 -41.36 39.94	000 f01 52.26 -51.72 49.92	000 g01 62.71 -62.08 59.91	000 h01 73.16 -72.38 69.9	000 i01 83.61 -82.67 79.88	000 j01 6.32 9.6 8.06	000 k01 11.59 -2.58 11.33	000 l01 22.04 -12.92 21.32	000 m01 32.49 -23.26 31.3	000 n01 42.94 -33.61 41.29	000 o01 53.39 -43.95 51.28	000 p01 63.84 -54.29 61.27	000 q01 74.29 -64.63 71.25	000 r01 84.74 -74.97 81.23	000 s01 12.63 19.21 16.13	000 t01 17.9 7.03 19.4	000 u01 23.17 -5.16 22.67	000 v01 33.62 -15.51 32.66	000 w01 44.07 -25.85 42.65	000 x01 54.52 -36.19 52.64	000 y01 64.97 -46.53 62.62	000 z01 75.42 -56.88 72.61	000 a02 85.87 -67.21 82.59	000 b02 95.41 0.0 -0.01	000 c02 9.79 0.01 8.06	000 d02 19.25 -2.58 16.13	000 e02 28.71 -5.17 24.19	000 f02 38.16 -7.75 32.26	000 g02 47.61 -10.34 40.33	000 h02 57.06 -12.92 48.4	000 i02 66.51 -15.51 56.47	000 j02 76.89 0.01 64.53	000 k02 0.01 0.0 -0.01	000 l02 0.01 0.03 -0.01	000 m02 0.03 0.0 -0.01	000 n02 0.03 0.0 -0.01
02	001 a02 3.81 9.49 -12.93	001 b02 10.86 -5.76 -1.69	001 c02 21.32 -16.1 8.29	001 d02 31.77 -26.44 18.28	001 e02 42.22 -36.79 28.27	001 f02 52.67 -47.13 38.25	001 g02 63.12 -57.47 48.24	001 h02 73.57 -67.81 58.23	001 i02 84.01 -78.15 68.21	002 j02 11.78 -7.29	001 k02 11.94 -0.01	001 l02 22.38 -10.34 9.98	001 m02 32.83 -20.68 19.97	001 n02 43.28 -31.02 29.96	001 o02 53.74 -41.37 39.95	001 p02 64.19 -51.71 49.93	001 q02 74.64 -62.05 59.92	001 r02 85.08 -72.38 69.9	001 s02 13.48 21.39 0.77	001 t02 18.24 9.61 8.06	001 u02 23.51 -2.58 11.34	001 v02 33.96 -12.92 21.33	001 w02 44.41 -23.27 31.31	001 x02 54.87 -33.61 41.3	001 y02 65.32 -43.95 51.29	001 z02 75.77 -54.29 61.28	001 a03 86.21 -64.63 71.26	001 b03 94.33 -5.76 -1.69	001 c03 9.33 0.0 -0.01	001 d03 19.78 9.61 8.06	001 e03 30.22 19.22 16.13	001 f03 40.67 28.84 24.2	001 g03 51.12 38.45 32.27	001 h03 61.56 48.06 40.34	001 i03 72.01 57.68 48.41	001 j03 82.45 67.28 56.47	002 k03 0.0 0.0 -0.01	002 l03 0.01 0.0 -0.01	001 m03 11.94 0.0 -0.01	001 n03 11.94 0.0 -0.01
03	002 a03 7.61 19.0 -25.88	001 b03 14.66 3.74 -14.64	002 c03 21.72 -11.53 -3.38	002 d03 32.17 -21.87 6.6	002 e03 42.63 -32.21 16.59	002 f03 53.08 -42.56 26.57	002 g03 63.53 -52.9 36.56	002 h03 73.98 -63.24 46.55	002 i03 84.42 -73.57 56.53	003 j03 10.97 21.29 -20.24	002 k03 17.73 9.5 -12.95	002 l03 22.79 -5.76 -1.69	002 m03 33.24 -16.11 8.29	002 n03 43.69 -26.45 18.28	002 o03 54.14 -36.79 28.27	002 p03 64.59 -47.13 38.25	002 q03 75.05 -57.48 48.24	002 r03 85.49 -67.81 58.22	002 s03 14.33 23.57 -14.59	002 t03 19.09 11.79 -7.3	002 u03 23.87 0.0 -0.01	002 v03 34.31 -10.34 9.98	002 w03 44.76 -20.68 19.97	002 x03 55.21 -31.02 29.96	002 y03 65.66 -41.37 39.95	002 z03 76.11 -51.71 49.93	002 a04 86.55 -62.04 59.91	003 b04 93.26 -11.53 -3.38	002 c04 8.91 -5.76 -1.69	002 d04 19.35 0.0 -0.01	002 e04 29.79 9.61 8.06	002 f04 40.24 19.22 16.13	002 g04 50.68 28.84 24.2	002 h04 61.13 38.45 32.27	002 i04 71.57 48.06 40.34	002 j04 82.02 57.67 48.4	003 k04 0.0 0.0 -0.01	003 l04 0.01 0.0 -0.01	002 m04 11.94 0.0 -0.01	002 n04 11.94 0.0 -0.01
04	003 a04 11.4 28.51 -38.83	002 b04 18.46 13.25 -27.59	002 c04 25.52 -2.02 -16.33	003 d04 32.58 -17.3 -5.07	003 e04 43.03 -27.64 4.91	003 f04 53.48 -37.98 14.89	003 g04 63.94 -48.32 24.88	003 h04 74.39 -58.67 34.87	003 i04 84.83 -69.01 44.85	004 j04 14.77 30.79 -33.19	003 k04 19.53 19.01 -25.9	003 l04 26.59 3.73 -14.64	003 m04 33.65 -11.53 -3.38	003 n04 44.1 -21.88 6.6	003 o04 54.55 -32.2 16.59	003 p04 65.0 -42.56 26.57	003 q04 75.45 -52.9 36.56	003 r04 85.9 -63.24 46.54	003 s04 18.13 33.08 -27.54	003 t04 22.89 21.3 -20.25	003 u04 27.65 9.5 -12.95	003 v04 34.71 -5.76 -1.69	003 w04 45.17 -16.1 8.29	003 x04 55.62 -26.45 18.28	003 y04 66.07 -36.79 28.27	003 z04 76.52 -47.13 38.25	003 a05 86.96 -57.47 48.23	004 b05 92.2 -17.3 -5.07	003 c05 7.64 0.0 -0.01	003 d05 18.08 9.61 8.06	003 e05 28.53 19.22 16.13	003 f05 38.97 28.84 24.2	003 g05 49.42 38.45 32.27	003 h05 59.86 48.06 40.33	003 i05 70.31 57.68 48.41	003 j05 80.75 67.28 56.47	004 k05 0.0 0.0 -0.01	004 l05 0.01 0.0 -0.01	003 m04 11.94 0.0 -0.01	003 n04 11.94 0.0 -0.01
05	004 a05 15.2 38.02 -51.78	003 b05 22.26 22.75 -40.54	002 c05 29.32 7.48 -29.28	003 d05 36.38 -7.79 -18.02	004 e05 43.44 -23.07 -6.76	004 f05 53.89 -33.41 2.51	004 g05 64.34 -43.75 13.5	004 h05 74.79 -54.09 23.19	004 i05 85.24 -64.43 33.17	005 j05 18.56 40.3 -46.14	004 k05 23.36 28.52 -38.84	003 l05 30.38 13.24 -27.59	004 m05 37.44 -2.03 -16.33	004 n05 51.3 -17.3 -5.07	004 o05 54.96 -27.64 4.91	004 p05 65.41 -37.99 14.89	004 q05 75.86 -48.33 24.88	004 r05 86.3 -58.66 34.86	004 s05 21.93 30.8 -40.49	004 t05 26.69 19.01 -33.2	004 u05 31.45 3.73 -25.9	004 v05 38.51 -5.76 -14.64	004 w05 45.57 -11.53 -3.38	004 x05 56.02 -21.88 6.6	004 y05 66.48 -32.22 16.59	004 z05 76.93 -42.56 26.57	004 a06 87.37 -52.89 36.55	005 b06 91.13 -23.07 -6.76	004 c06 6.28 -17.3 -5.07	004 d06 17.73 0.0 -0.01	004 e06 29.17 9.61 8.06	004 f06 40.62 19.22 16.13	004 g06 52.06 28.84 24.2	004 h06 63.51 38.45 32.27	004 i06 74.95 48.06 40.33	004 j06 86.39 57.67 48.4	005 k06 0.0 0.0 -0.01	005 l06 0.01 0.0 -0.01	004 m05 11.94 0.0 -0.01	004 n05 11.94 0.0 -0.01
06	005 a06 19.0 47.52 -64.73	004 b06 26.05 32.26 -53.49	003 c06 33.12 16.98 -42.23	004 d06 40.18 1.71 -30.97	004 e06 47.24 -13.56 -19.71	004 f06 54.3 -28.83 -8.46	004 g06 64.75 -39.18 1.52	004 h06 75.2 -49.52 11.51	004 i06 85.64 -59.85 21.49	006 j06 22.36 49.81 -59.09	005 k06 27.12 38.03 -51.8	004 l06 34.18 22.75 -40.54	004 m06 41.24 7.47 -29.28	004 n06 48.3 -7.79 -18.02	004 o06 55.36 -23.07 -6.77	004 p06 65.82 -33.41 3.21	004 q06 76.27 -43.76 13.2	004 r06 86.71 -54.09 23.18	004 s06 25.73 52.1 -53.44	004 t06 30.49 40.31 -46.15	004 u06 35.25 28.52 -38.84	004 v06 42.31 13.24 -27.59	004 w06 49.37 -2.03 -16.33	004 x06 56.43 -17.3 -5.07	004 y06 66.88 -27.64 4.91	004 z06 77.33 -37.99 14.89	004 a07 87.78 -48.32 24.87	005 b07 90.07 -28.83 -8.46	004 c07 5.62 -23.07 -6.77	004 d07 17.06 -5.76 -1.69	004 e07 28.51 9.61 8.06	004 f07 39.95 19.22 16.13	004 g07 51.39 28.84 24.2	004 h07 62.84 38.45 32.27	004 i07 74.28 48.06 40.33	004 j07 85.73 57.67 48.4	006 k07 0.0 0.0 -0.01	006 l07 0.01 0.0 -0.01	005 m06 11.94 0.0 -0.01	005 n06 11.94 0.0 -0.01
07	006 a07 29.85 57.03 -77.68	005 b07 36.91 41.77 -66.44	004 c07 43.97 26.49 -55.18	005 d07 51.04 11.22 -43.92	004 e07 58.1 -4.05 -32.66	005 f07 65.15 -19.33 -21.41	005 g07 72.21 -34.6 -10.15	005 h07 79.26 -44.95 -0.16	005 i07 86.31 -55.28 9.81	007 j07 10.38 59.32 -72.04	006 k07 16.37 47.53 -64.75	005 l07 22.36 32.26 -53.49	005 m07 28.35 16.98 -42.23	005 n07 34.34 1.7 -30.97	005 o07 40.33 -13.56 -19.71	005 p07 51.1 -28.84 -8.46	005 q07 61.55 -39.18 1.52	005 r07 72.01 -49.52 11.5	005 s07 61.6 -66.39 -66.39	005 t07 49.82 -59.1 -59.1	005 u07 38.03 -51.8 -51.8	005 v07 22.75 -40.54 -40.54	005 w07 7.47 -29.28 -29.28	005 x07 -7.79 -18.02 -18.02	005 y07 -23.07 -6.77 -6.77	005 z07 -38.36 4.91 4.91	005 a08 -53.64 14.89 14.89	005 b08 -69.01 24.87 24.87	006 c08 78.15 -34.6 -10.15	005 d08 89.29 -28.84 -8.46	005 e08 -23.07 -6.77 -6.77	005 f08 -17.3 -5.07 -5.07	005 g08 -11.53 -3.38 -3.38	005 h08 -5.76 -1.69 -1.69	005 i08 0.0 0.0 -0.01	005 j08 11.52 9.61 8.06	006 k08 23.04 19.22 16.13	005 l08 34.57 28.84 24.2	005 m08 46.09 38.45 32.27	005 n08 57.61 48.06 40.33	005 o08 69.14 57.67 48.4	006 p08 80.66 67.28 56.47	006 q08 92.18 76.89 64.53	006 r08 103.69 86.49 67.8	006 s08 71.09 71.09 -44.94	006 t08 71.09 71.09 -44.94	006 u08 71.09 71.09 -44.94	006 v08 71.09 71.09 -44.94	006 w08 71.09 71.09 -44.94	006 x08 71.09 71.09 -44.94	006 y08 71.09 71.09 -44.94	006 z08 71.09 71.09 -44.94	006 a09 71.09 71.09 -44.94	006 b09 71.09 71.09 -44.94	006 c09 71.09 71.09 -44.94	006 d09 71.09 71.09 -44.94	006 e09 71.09 71.09 -44.94	006 f09 71.09 71.09 -44.94	006 g09 71.09 71.09 -44.94	006 h09 71.09 71.09 -44.94	006 i09 71.09 71.09 -44.94	006 j09 71.09 71.09 -44.94	006 k09 71.09 71.09 -44.94	006 l09 71.09 71.09 -44.94	006 m09 71.09 71.09 -44.94	006 n09 71.09 71.09 -44.94
08	007 a08 26.59 68.54 -90.63	006 b08 33.65 51.28 -79.39	005 c08 40.71 36.0 -68.13	006 d08 47.77 20.72 -56.87	004 e08 54.83 5.45 -45.61	006 f08 61.89 -9.82 -34.36	006 g08 68.96 -25.1 -23.1	006 h08 76.02 -40.37 -11.84	006 i08 83.09 -55.64 1.86	008 j08 29.96 62.82 -84.99	007 k08 34.71 57.04 -77.69	006 l08 41.78 41.76 -66.44	006 m08 48.84 26.49 -55.18	006 n08 55.9 11.21 -43.92	006 o08 62.96 -4.06 -32.66	006 p08 70.02 -19.33 -21.41	006 q08 77.08 -34.6 -10.15	006 r08 87.53 -44.94 -0.17	006 s08 71.1 -79.34 -79.34	006 t08 59.3 -72.05 -72.05	006 u08 48.24 -64.75 -64.75	006 v08 33.32 -53.49 -53.49	006 w08 38.08 -42.23 -42.23	006 x08 42.84 -30.97 -30.97	006 y08 49.9 -19.71 -19.71	006 z08 56.96 -8.46 -8.46	006 a09 64.02 1.7 1.7	006 b09 71.09 -13.56 -13.56	006 c09 78.15 -28.84 -28.84	006 d09 88.59 -44.94 -44.94	006 e09 87.93 -40.37 -11.84	006 f09 77.08 -34.6 -10.15	006 g09 66.22 -23.07 -8.46	006 h09 55.36 -17.3 -6.77	006 i09 44.51 -11.53 -5.07	006 j09 33.65 -5.76 -3.38	006 k09 22.79 0.0 -1.69	006 l09 11.94 6.32 0.01	006 m09 6.32 33.49 8.06	006 n09 33.49 60.67 -0.01	006 o09 60.67 16.0 -0.01	006 p09 16.0 0.0 -0.01	006 q09 0.0 0.0 -0.01	006 r09 0.0 0.0 -0.01	006 s09 0.0 0.0 -0.01	006 t09 0.0 0.0 -0.01	006 u09 0.0 0.0 -0.01	006 v09 0.0 0.0 -0.01	006 w09 0.0 0.0 -0.01	006 x09 0.0 0.0 -0.01	006 y09 0.0 0.0 -0.01	006 z09 0.0 0.0 -0.01	006 a10 0.0 0.0 -0.01	006 b10 0.0 0.0 -0.01	006 c10 0.0 0.0 -0.01	006 d10 0.0 0.0 -0.01	006 e10 0.0 0.0 -0.01	006 f10 0.0 0.0 -0.01	006 g10 0.0 0.0 -0.01	006 h10 0.0 0.0 -0.01	006 i10 0.0 0.0 -0.01	006 j10 0.0 0.0 -0.01	006 k10 0.0 0.0 -0.01	006 l10 0.0 0.0 -0.01	006 m10 0.0 0.0 -0.01	006 n10 0.0 0.0 -0.01
09	008 a09 30.39 76.04 -103.57	007 b09 37.44 60.78 -92.41	006 c09 44.51 45.5 -81.07	006 d09 51.57 30.22 -68.81	004 e09 58.63 14.95 -56.55	006 f09 65.69 -0.32 -47.1	006 g09 72.75 -15.6 -36.04	006 h09 79.81 -30.87 -24.78	008 i09 86.87 -46.14 -13.52	009 j09 33.75 78.52 -97.93	008 k09 38.51 66.54 -90.63	007 l09 45.57 51.26 -79.32	006 m09 52.63 35.99 -68.02	006 n09 59.69 20.71 -56.72	006 o09 66.75 5.43 -45.6	006 p09 73.82 -9.83 -34.35	006 q09 80.88 -25.11 -23.1	006 r09 87.93 -40.37 -11.84	006 s09 170.9 41.87 -72.88	006 t09 179.9 46.64 -57.08	006 u09 188.9 53.7 -41.26	006 v09 197.9 41.76 -26.48	006 w09 206.9 60.76 -12.2	006 x09 215.9 67.82 2.1	006 y09 224.9 74.88 -4.06	006 z09 233.9 81.94 -19.34	006 a10 242.9 89 -34.6	006 b10 251.9 -46.53 -46.4	006 c10 260.9 86.87 -46.14	006 d10 269.9 76.02 -40.37	006 e10 278.9 65.16 -34.6	006 f10 287.9 54.3 -28.83	006 g10 296.9 43.44 -23.07	006 h10 305.9 32.58 -17.3	006 i10 314.9 21.72 -11.53	006 j10 323.9 10.86 -5.76	006 k10 0.0 0.0 -0.01	006 l10 0.0 9.5 -0.01	006 m10 0.0 19.0 -0.01	006 n10 0.0 28.48 -0.01	006 o10 0.0 37.97 -0.01	006 p10 0.0 47.46 -0.01	006 q10 0.0 56.95 -0.01	006 r10 0.0 66.44 -0.01	006 s10 0.0 75.93 -0.01	006 t10 0.0 85.42 -0.01	006 u10 0.0 94.91 -0.01	006 v10 0.0 104.4 -0.01	006 w10 0.0 113.9 -0.01	006 x10 0.0 123.4 -0.01	006 y10 0.0 132.9 -0.01	006 z10 0.0 142.4 -0.01	006 a11 0.0 151.9 -0.01	006 b11 0.0 161.4 -0.01	006 c11 0.0 170.9 -0.01	006 d11 0.0 180.4 -0.01	006 e11 0.0 189.9 -0.01	006 f11 0.0 199.4 -0.01	006 g11 0.0 208.9 -0.01	006 h11 0.0 218.4 -0.01	006 i11 0.0 227.9 -0.01	006 j11 0.0 237.4 -0.01	006 k11 0.0 0.0 -0.01	006 l11 0.0 0.0 -0.01	006 m11 0.0 0.0 -0.01	006 n11 0.0 0.0 -0.01
10	0243 a10 18.94 28.83 24.19	0252 b10 24.21 16.64 27.47	0261 c10 29.48 4.44 30.74	0270 d10 34.75 -7.75 34.02	0279 e10 45.2 -18.09 44.0	0288 f10 55.65 -28.43 53.99	0297 g10 66.1 -38.78 63.98	0306 h10 76.55 -49.12 73.97	0315 i10 87.0 -59.45 83.95	0324 j10 25.25 38.44 32.26	0333 k10 30.52 26.25 35.54	0342 l10 35.79 14.05 38.81	0351 m10 41.06 1.86 42.09	0360 n10 46.33 -10.33 45.36	0369 o10 56.78 -20.68 55.35	0378 p10 67.23 -31.02 65.34	0387 q10 77.68 -41.36 75.32	0396 r10 88.13 -51.69 85.3	0405 s10 31.57 48.06 40.33	0414 t10 36.83 35.87 43.6	0423 u10 42.1 23.67 46.88	0432 v10 47.37 11.47 50.15	0441 w10 52.64 -0.72 53.43	0450 x10 57.91 -12.92 56.7	0459 y10 68.36 -23.26 66.69	0468 z10 78.81 -33.6 76.68	0477 a10 89.26 -43.94 86.66	0810 b10 95.41 0.0 -0.01	0819 c10 9.05 -2.58 11.33	0828 d10 14.94 -5.16 22.67	0837 e10 24.36 -7.75 34.02	0846 f10 33.78 -10.33 45.36	0855 g10 43.21 -12.92 56.7	0864 h10 93.68 -15.5 68.05	0873 i10 62.33 -18.09 79.39	0882 j10 92.99 -20.67 90.73	1008 k10 0.03 0.0 -0.01	1024 l10 0.03 0.0 -0.01	1040 m10 0.03 0.0 -0.01	1056 n10 0.03 0.0 -0.01
11	0244 a11 24.55 31.01 8.84	0253 b11 29.82 19.22 16.13	0262 c11 35.09 7.02 19.41	0271 d11 40.36 -5.17 22.68	0280 e11 45.64 -15.51 32.67	0289 f11 50.91 -25.85 42.66	0298 g11 56.18 -36.19 52.65	0307 h11 61.45 -46.54 62.63	0316 i11 66.73 -56.87 72.61	0325 j11 18.67 40.62 16.91	0334 k11 23.41 28.84 24.2	0343 l11 28.16 16.64 27.48	0352 m11 32.91 4.44 30.75	0361 n11 37.65 -7.75 34.03	0370 o11 47.11 -18.09 44.01	0379 p11 56.57 -28.43 54.0	0388 q11 67.02 -38.78 63.99	0397 r11 77.47 -49.11 73.97	0406 s11 50.23 24.98	0415 t11 48.25 32.27	0424 u11 46.27 39.56	0433 v11 44.29 46.85	0442 w11 42.31 54.15	0451 x11 40.33 45.37	0460 y11 38.35 55.36	0469 z11 36.37 65.35	0478 a11 34.39 75.32	0811 b11 87.27 9.49 -12.93	0820 c11 83.49 0.0 -0.01	0829 d11 79.71 -2.58 11.34	0838 e11 75.93 -5.17 22.68	0847 f11 72.15 -7.75 34.03	0856 g11 68.37 -10.34 45.37	0865 h11 64.59 -12.92 56.71	0874 i11 60.81 -15.51 68.05	0883 j11 57.03 -18.09 79.39	1009 k11 0.0 0.0 -0.01	1025 l11 0.0 0.0 -0.01	1041 m11 0.0 0.0 -0.01	1057 n11 0.0 0.0 -0.01
12	0245 a12 20.65 33.19 -6.52	0254 b12 25.4 21.4 0.76	0263 c12 30.17 9.61 8.06	0272 d12 35.44 -2.58 11.34	0281 e12 45.89 -12.92 21.33	0290 f12 56.34 -23.27 31.31	0299 g12 66.79 -33.61 41.3	0308 h12 77.24 -43.95 51.29	0317 i12 87.68 -54.28 61.27	0326 j12 26.96 42.8 54.8	0335 k12 31.72 16.13 19.41	0344 l12 36.48 19.41 22.68	0353 m12 41.75 7.02 32.67	0362 n12 47.02 -5.17 42.66	0371 o12 57.47 -15.51 52.65	0380 p12 67.92 -25.85 62.65	0389 q12 78.37 -36.19 72.65	0398 r12 88.81 -46.53 82.64	0407 s12 33.27 40.63 9.61	0416 t12 38.03 28.84 16.9	0425 u12 42.79 17.05 24.2	0434 v12 48.06 5.26 27.48	0443 w12 53.33 -6.53 30.75	0452 x12 58.6 -17.8 34.03	0461 y12 69.05 -28.17 44.01	0470 z12 79.5 -38.43 54.0	0479 a12 89.94 -48.7 63.98	0812 b12 79.15 19.0 -25.88	0821 c12 75.35 9.5 -12.95	0830 d12 71.57 0.0 -0.01	0839 e12 71.21 -2.58 11.34	0848 f12 70.87 -5.17 22.68	0857 g12 70.52 -7.75 34.03	0866 h12 70.18 -10.34 45.37	0875 i12 69.84 -12.92 56.71	0884 j12 69.49 -15.5 68.05	1010 k12 12.74 0.0 -0.01	1026 l12 12.74 0.0 -0.01	1042 m12 12.74 0.0 -0.01	1058 n12 12.74 0.0 -0.01
13	0246 a13 21.5 35.37 -21.89	0255 b13 26.26 23.58 -14.6	0264 c13 31.02 11.79 -7.3	0273 d13 35.79 0.0 -0.01	0282 e13 46.23 -10.34 9.98	0291 f13 56.67 -20.68 19.97	0300 g13 67.13 -31.02 29.96	0309 h13 77.59 -41.37 39.95	0318 i13 88.03 -51.7 49.92	0327 j13 27.81 44.98 -12.82	0336 k13 32.57 33.2 -6.53	0345 l13 37.33 21.4 0.76	0354 m13 42.09 9.61 8.06	0363 n13 46.85 -2.58 11.34	0372 o13 57.31 -12.92 21.33	0381 p13 67.76 -23.27 31.3	0390 q13 78.22 -33.61 41.3	0399 r13 88.67 -43.94 51.28	0408 s13 34.12 54.59 -5.76	0417 t13 38.88 42.81 1.51	0426 u13 43.64 31.02 8.83	0435 v13 48.4 19.23 16.13	0444 w13 53.17 7.44 23.44	0453 x13 57.94 -4.37 30.75	0462 y13 62.71 -15.51 34.03	0471 z13 67.48 -26.85 42.66	0480 a13 72.24 -36.18 52.64	0813 b13 71.02 28.51 -38.83	0822 c13 67.23 19.01 -25.91	0831 d13 63.43 9.5 -12.95	0840 e13 59.64 0.0 -0.01	0849 f13 59.29 -2.58 11.34	0858 g13 58.94 -5.17 22.68	0867 h13

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01	000 a01 0.03 0.0 −0.01	000 b01 10.46 −10.33 9.97	000 c01 20.91 −2.67 19.96	000 d01 31.36 −31.01 29.95	000 e01 41.81 −41.36 39.94	000 f01 52.26 −51.72 49.92	000 g01 62.71 −62.38 59.91	000 h01 73.16 −72.38 69.9	000 i01 83.61 −82.76 79.88	000 j01 6.32 9.6 8.06	000 k01 11.59 −2.58 11.33	000 l01 22.04 −12.92 21.32	000 m01 32.49 −23.26 31.3	000 n01 42.94 −33.61 41.29	000 o01 53.39 −43.95 51.28	000 p01 63.84 −54.29 61.27	000 q01 74.29 −64.63 71.25	000 r01 84.74 −74.97 81.23	000 s01 12.63 19.21 16.13	000 t01 17.9 7.03 19.4	000 u01 23.17 −5.16 22.67	000 v01 33.62 −15.51 32.66	000 w01 44.07 −25.85 42.65	000 x01 54.52 −36.19 52.64	000 y01 64.97 −46.53 62.62	000 z01 75.42 −56.88 72.61	000 a02 85.87 −67.21 82.59	000 b02 95.41 0.0 −0.01	000 c02 89.79 0.0 8.06	000 d02 84.17 9.6 16.13	000 e02 78.56 19.21 24.19	000 f02 72.94 28.83 32.26	000 g02 67.33 38.44 40.33	000 h02 61.72 48.06 48.4	000 i02 56.1 57.67 56.47	000 j02 50.49 67.28 64.53	000 k02 0.03 76.89 0.01	000 l02 0.03 0.0 −0.01	000 m02 0.03 0.0 −0.01	000 n02 0.03 0.0 −0.01
02	001 a02 3.81 9.49 −12.93	001 b02 10.86 −5.76 −1.69	001 c02 21.32 −16.1 8.29	001 d02 31.77 −26.44 18.28	001 e02 42.22 −36.79 28.27	001 f02 52.67 −47.13 38.25	001 g02 63.12 −57.47 48.24	001 h02 73.57 −67.81 58.23	001 i02 84.01 −78.15 68.21	001 j02 7.17 11.78 −7.29	001 k02 11.94 0.0 −0.01	001 l02 22.38 −10.34 9.98	001 m02 32.83 −20.68 19.97	001 n02 43.28 −31.02 29.96	001 o02 53.74 −41.37 39.95	001 p02 64.19 −51.71 49.93	001 q02 74.64 −62.05 59.92	001 r02 85.08 −72.38 69.9	001 s02 13.48 21.39 0.77	001 t02 18.24 9.61 8.06	001 u02 23.51 −2.58 11.34	001 v02 33.96 −12.92 21.33	001 w02 44.41 −23.27 31.31	001 x02 54.87 −33.61 41.3	001 y02 65.32 −43.95 51.29	001 z02 75.77 −54.29 61.28	001 a02 86.21 −64.63 71.26	001 b02 94.33 −5.76 −1.69	001 c02 83.49 0.0 −0.01	001 d02 77.87 9.61 8.06	001 e02 72.25 19.22 16.13	001 f02 66.64 28.84 24.2	001 g02 61.03 38.45 32.27	001 h02 55.41 48.06 40.34	001 i02 49.8 57.68 48.41	001 j02 44.19 67.28 56.47	001 k02 11.94 0.0 −0.01	001 l02 11.94 0.0 −0.01	001 m02 11.94 0.0 −0.01	001 n02 11.94 0.0 −0.01
03	002 a03 7.61 19.0 −25.88	002 b03 14.66 3.74 −14.64	002 c03 21.72 −11.53 −3.38	002 d03 32.17 −21.87 6.6	002 e03 42.63 −32.21 16.59	002 f03 53.08 −42.56 26.57	002 g03 63.53 −52.9 36.56	002 h03 73.98 −63.24 46.55	002 i03 84.42 −73.57 56.53	003 j03 10.97 21.29 −20.24	003 k03 17.73 9.5 −12.95	003 l03 22.79 −5.76 −1.69	003 m03 33.24 −16.11 8.29	003 n03 43.69 −26.45 18.28	003 o03 54.14 −36.79 28.27	003 p03 64.59 −47.13 38.25	003 q03 75.05 −57.48 48.24	003 r03 85.49 −67.81 58.22	003 s03 14.33 23.57 −14.59	003 t03 19.09 11.79 −7.3	003 u03 23.87 0.0 −0.01	003 v03 34.31 −10.34 9.98	003 w03 44.76 −20.68 19.97	003 x03 55.21 −31.02 29.96	003 y03 65.66 −41.37 39.95	003 z03 76.11 −51.71 49.93	003 a03 86.55 −62.04 59.91	003 b03 93.26 −11.53 −3.38	003 c03 82.41 5.76 −1.69	003 d03 71.57 0.0 −0.01	003 e03 65.94 9.61 8.06	003 f03 60.33 19.22 16.13	003 g03 54.71 28.84 24.2	003 h03 49.1 38.45 32.27	003 i03 43.49 48.06 40.34	003 j03 37.88 57.67 48.41	003 k03 23.87 0.0 −0.01	003 l03 23.87 0.0 −0.01	003 m03 23.87 0.0 −0.01	003 n03 23.87 0.0 −0.01
04	004 a04 11.4 28.51 −38.83	004 b04 18.46 13.25 −27.59	004 c04 25.52 −2.02 −16.33	004 d04 32.58 −17.3 −5.07	004 e04 43.03 −27.64 4.91	004 f04 53.48 −37.98 14.89	004 g04 63.94 −48.32 24.88	004 h04 74.39 −58.67 34.87	004 i04 84.83 −69.0 44.85	004 j04 14.77 30.79 −33.19	004 k04 19.53 19.01 −25.9	004 l04 26.59 3.73 −14.64	004 m04 33.65 −11.53 −3.38	004 n04 44.1 −21.88 6.6	004 o04 54.55 −32.2 16.59	004 p04 65.0 −42.56 26.57	004 q04 75.45 −52.9 36.56	004 r04 85.9 −63.24 46.54	004 s04 18.13 33.08 −27.54	004 t04 22.89 21.3 −20.25	004 u04 27.65 9.5 −12.95	004 v04 34.71 −5.76 −1.69	004 w04 45.17 −16.1 8.29	004 x04 55.62 −26.45 18.28	004 y04 66.07 −36.79 28.27	004 z04 76.52 −47.13 38.25	004 a04 86.96 −57.47 48.23	004 b04 92.2 −17.3 −5.07	004 c04 81.35 −11.53 −3.38	004 d04 70.49 −5.76 −1.69	004 e04 59.64 0.0 −0.01	004 f04 54.02 9.61 8.06	004 g04 48.4 19.22 16.13	004 h04 42.79 28.84 24.2	004 i04 37.18 38.45 32.27	004 j04 31.57 48.06 40.33	004 k04 35.79 0.0 −0.01	004 l04 35.79 0.0 −0.01	004 m04 35.79 0.0 −0.01	004 n04 35.79 0.0 −0.01
05	005 a05 15.2 38.02 −51.78	005 b05 22.26 22.75 −40.54	005 c05 29.32 7.48 −29.28	005 d05 36.38 −7.79 −18.02	005 e05 43.44 −23.07 −6.76	005 f05 53.89 −33.41 3.21	005 g05 64.34 −43.75 13.2	005 h05 74.79 −54.09 23.19	005 i05 85.24 −64.43 33.17	005 j05 18.56 40.3 −46.14	005 k05 23.32 28.52 −38.84	005 l05 30.38 13.24 −27.59	005 m05 37.44 −2.03 −16.33	005 n05 51.44 −17.3 −5.07	005 o05 54.96 −27.64 4.91	005 p05 65.41 −37.99 14.89	005 q05 75.86 −48.33 24.88	005 r05 86.3 −58.66 34.85	005 s05 21.93 40.49 −40.49	005 t05 26.69 30.8 −33.2	005 u05 31.45 19.01 −25.9	005 v05 38.51 3.73 −14.64	005 w05 45.57 −11.53 −3.38	005 x05 56.02 −21.88 6.6	005 y05 66.48 −32.22 16.59	005 z05 76.93 −42.56 26.57	005 a05 87.37 −52.89 36.55	005 b05 91.13 −23.07 −6.76	005 c05 80.28 −17.3 −5.07	005 d05 69.42 −11.53 −3.38	005 e05 58.56 −5.76 −1.69	005 f05 47.72 0.0 −0.01	005 g05 42.11 9.61 8.06	005 h05 36.48 19.22 16.13	005 i05 30.86 28.84 24.2	005 j05 25.25 38.44 32.27	005 k05 47.72 0.0 −0.01	005 l05 47.72 0.0 −0.01	005 m05 47.72 0.0 −0.01	005 n05 47.72 0.0 −0.01
06	006 a06 19.0 47.52 −64.73	006 b06 26.05 32.26 −53.49	006 c06 33.12 16.98 −42.23	006 d06 40.18 1.71 −30.97	006 e06 47.24 −13.56 −19.71	006 f06 54.3 −28.83 −8.46	006 g06 64.75 −39.18 1.52	006 h06 75.2 −49.52 11.51	006 i06 85.64 −59.85 21.49	006 j06 22.36 49.81 −59.09	006 k06 27.12 38.03 −51.8	006 l06 34.18 22.75 −40.54	006 m06 41.24 7.47 −29.28	006 n06 48.3 −7.79 −18.02	006 o06 55.36 −23.07 −6.77	006 p06 65.82 −33.41 3.21	006 q06 76.27 −43.75 13.2	006 r06 86.71 −54.09 23.18	006 s06 25.73 52.1 −53.44	006 t06 30.49 40.31 −46.15	006 u06 35.25 28.52 −38.84	006 v06 42.31 13.24 −27.59	006 w06 49.37 −2.03 −16.33	006 x06 56.43 −17.3 −5.07	006 y06 66.88 −27.64 4.91	006 z06 77.33 −37.99 14.89	006 a06 87.78 −48.32 24.87	006 b06 90.07 −28.83 −8.46	006 c06 79.22 −23.07 −6.77	006 d06 68.36 −17.3 −5.07	006 e06 57.5 −11.53 −3.38	006 f06 46.64 −5.76 −1.69	006 g06 35.79 0.0 −0.01	006 h06 30.17 9.61 8.06	006 i06 24.55 19.22 16.13	006 j06 18.94 28.83 24.19	006 k06 59.64 0.0 −0.01	006 l06 59.64 0.0 −0.01	006 m06 59.64 0.0 −0.01	006 n06 59.64 0.0 −0.01
07	007 a07 2.31 57.03 −77.68	007 b07 29.85 41.77 −66.44	007 c07 16.91 26.49 −55.18	007 d07 4.97 11.22 −43.92	007 e07 −7.3 −4.05 −32.66	007 f07 −19.57 −19.33 −21.41	007 g07 −32.14 −34.6 −10.15	007 h07 −44.71 −44.95 −0.16	007 i07 −57.28 −55.28 9.81	007 j07 16.18 59.32 −72.04	007 k07 19.37 47.53 −64.75	007 l07 22.56 32.26 −53.49	007 m07 25.74 16.98 −42.23	007 n07 28.93 1.7 −30.97	007 o07 32.12 −13.56 −19.71	007 p07 35.31 −28.84 −8.46	007 q07 38.49 −39.18 1.52	007 r07 41.68 −49.52 11.5	007 s07 −3.33 61.6 −66.39	007 t07 −4.84 49.82 −59.1	007 u07 −6.35 38.03 −51.8	007 v07 −7.87 22.75 −40.54	007 w07 −9.38 7.47 −29.28	007 x07 −10.9 −7.79 −18.02	007 y07 −12.42 −23.07 −6.77	007 z07 −13.96 −33.41 3.21	007 a07 −15.49 −43.75 13.19	007 b07 −17.01 −46.15 −10.15	007 c07 −18.54 −28.84 −8.46	007 d07 −20.06 −23.07 −6.77	007 e07 −21.59 −17.3 −5.07	007 f07 −23.11 −11.53 −3.38	007 g07 −24.64 −5.76 −1.69	007 h07 −26.17 0.0 −0.01	007 i07 −27.69 9.61 8.06	007 j07 −29.22 19.22 16.13	007 k07 71.57 0.0 −0.01	007 l07 71.57 0.0 −0.01	007 m07 71.57 0.0 −0.01	007 n07 71.57 0.0 −0.01
08	008 a08 30.39 33.19 −103.57	008 b08 37.44 60.78 −92.41	008 c08 44.51 45.5 −81.07	008 d08 51.57 30.22 −68.81	008 e08 58.63 14.95 −56.54	008 f08 65.69 −0.32 −44.28	008 g08 72.75 −15.6 −31.41	008 h08 79.81 −30.87 −18.54	008 i08 86.87 −46.14 −5.68	008 j08 33.75 58.72 −97.93	008 k08 38.51 66.54 −90.63	008 l08 45.57 51.26 −78.32	008 m08 52.63 35.99 −66.02	008 n08 59.69 20.71 −53.72	008 o08 66.75 5.43 −41.42	008 p08 73.82 −9.83 −29.12	008 q08 80.88 −25.11 −16.82	008 r08 87.93 −40.37 −4.52	008 s08 37.10 41.87 −68.81	008 t08 39.15 46.64 −57.68	008 u08 41.2 53.7 −46.43	008 v08 43.25 41.76 −35.17	008 w08 45.31 26.48 −23.91	008 x08 47.36 11.2 −12.65	008 y08 49.42 −4.06 −1.39	008 z08 51.47 −19.34 9.34	008 a08 53.53 −34.6 21.28	008 b08 55.58 −46.14 −10.15	008 c08 57.64 −34.61 −8.46	008 d08 59.69 −23.07 −6.77	008 e08 61.75 −11.53 −3.38	008 f08 63.8 0.0 −0.01	008 g08 65.85 11.54 8.06	008 h08 67.91 23.07 16.13	008 i08 69.96 34.61 24.19	008 j08 72.02 46.15 32.27	008 k08 89.09 0.0 −0.01	008 l08 89.09 0.0 −0.01	008 m08 89.09 0.0 −0.01	008 n08 89.09 0.0 −0.01
09	009 a09 15.2 24.19 −124.9	009 b09 22.26 27.47 −113.7	009 c09 29.32 30.74 −102.5	009 d09 36.38 34.02 −91.27	009 e09 43.44 44.0 −80.04	009 f09 53.89 53.99 −68.78	009 g09 64.34 63.98 −57.53	009 h09 74.79 73.97 −46.27	009 i09 85.24 83.95 −35.02	009 j09 18.56 32.26 −84.99	009 k09 23.32 35.54 −77.69	009 l09 30.38 14.05 −66.44	009 m09 37.44 1.86 −55.18	009 n09 44.51 42.09 −43.92	009 o09 51.57 45.36 −32.66	009 p09 58.63 55.35 −21.41	009 q09 65.69 65.34 −10.15	009 r09 72.75 75.32 0.81	009 s09 37.10 35.3 −79.34	009 t09 39.15 43.3 −72.05	009 u09 41.2 43.6 −64.75	009 v09 43.25 46.88 −53.49	009 w09 45.31 50.15 −42.23	009 x09 47.36 53.43 −30.97	009 y09 49.42 56.7 −19.71	009 z09 51.47 66.69 −8.46	009 a09 53.53 76.68 1.7	009 b09 55.58 86.66 −13.56	009 c09 57.64 −11.32 −28.84	009 d09 59.69 −10.15 −23.07	009 e09 61.75 −8.46 −17.3	009 f09 63.8 −6.77 −11.53	009 g09 65.85 −5.07 −5.76	009 h09 67.91 −3.38 0.0	009 i09 69.96 −1.69 9.61	009 j09 72.02 0.0 19.22	009 k09 95.41 0.0 −0.01	009 l09 95.41 0.0 −0.01	009 m09 95.41 0.0 −0.01	009 n09 95.41 0.0 −0.01
10	010 a10 18.94 28.83 −24.19	010 b10 24.21 16.64 27.47	010 c10 29.48 4.44 30.74	010 d10 34.75 −7.75 34.02	010 e10 41.02 −18.09 44.0	010 f10 55.65 −28.43 53.99	010 g10 66.1 −38.78 63.98	010 h10 76.55 −49.12 73.97	010 i10 87.0 −59.45 83.95	010 j10 38.44 32.26	010 k10 26.25 35.54	010 l10 30.52 38.81	010 m10 35.79 42.09	010 n10 41.06 45.36	010 o10 46.33 55.35	010 p10 56.78 65.34	010 q10 67.23 75.32	010 r10 77.68 85.3	010 s10 31.57 48.06 40.33	010 t10 36.83 35.87 43.6	010 u10 42.1 23.67 46.88	010 v10 47.37 11.47 50.15	010 w10 52.64 −0.72 53.43	010 x10 57.91 −12.92 56.7	010 y10 63.18 −23.26 66.69	010 z10 68.36 −33.6 76.68	010 a10 78.81 −43.94 86.66	010 b10 89.26 0.0 −0.01	010 c10 95.41 −2.58 11.33	010 d10 95.05 −5.16 22.67	010 e10 94.71 −7.75 34.02	010 f10 94.36 −10.33 45.36	010 g10 94.02 −12.92 56.7	010 h10 93.68 −15.5 68.05	010 i10 93.32 −18.09 79.39	010 j10 92.65 −20.67 90.73	010 k10 0.03 0.0 −0.01	010 l10 0.03 0.0 −0.01	010 m10 0.03 0.0 −0.01	010 n10 0.03 0.0 −0.01
11	011 a11 25.15 33.19 −6.52	011 b11 29.82 21.4 0.76	011 c11 34.49 9.61 8.06	011 d11 39.16 −2.58 11.34	011 e11 43.83 −12.92 21.33	011 f11 48.5 −23.27 31.31	011 g11 53.17 −33.61 41.3	011 h11 57.84 −43.95 51.29	011 i11 62.51 −54.28 61.27	011 j11 30.86 27.81 44.98	011 k11 26.13 32.57 33.2	011 l11 41.4 37.33 21.4	011 m11 56.67 42.09 9.61	011 n11 71.94 46.36 −2.58	011 o11 87.21 50.62 −12.92	011 p11 102.48 54.89 −23.27	011 q11 117.75 59.16 −33.61	011 r11 133.02 63.43 −43.94	011 s11 50.23 24.98 −5.75	011 t11 37.18 32.27 18.1	011 u11 42.4 38.88 31.02	011 v11 47.62 43.64 19.41	011 w11 52.84 48.4 7.02	011 x11 58.05 53.17 −5.17	011 y11 63.27 58.94 −15.51	011 z11 68.48 69.39 −25.85	011 a11 73.69 79.85 −36.18	011 b11 78.91 90.29 −46.52	011 c11 84.12 71.02 28.51	011 d11 89.34 67.23 19.01	011 e11 94.55 63.43 9.5	011 f11 99.76 59.64 0.0	011 g11 104.98 55.3 −9.5	011 h11 110.19 51.1 −19.01	011 i11 115.4 46.8 −28.51	011 j11 120.62 42.66 −38.03	011 k11 0.03 0.0 −0.01	011 l11 0.03 0.0 −0.01	011 m11 0.03 0.0 −0.01	011 n11 0.03 0.0 −0.01
12	012 a12 24.47 34.84 −75.29	012 b12 30.05 27.55 −34.82	012 c12 34.82 −20.25 −39.58	012 d12 39.58 −12.95 −44.35	012 e12 44.64 −1.69 −49.11	012 f12 57.09 8.29 −53.87	012 g12 67.54 18.28 −58.64	012 h12 77.99 28.27 −63.41	012 i12 88.44 38.24 −68.17	012 j12 28.66 −29.19 −42.14	012 k12 33.42 −21.9 −48.85	012 l12 38.18 −14.6 −55.56	012 m12 42.94 −7.3 −62.28	012 n12 47.72 −0.01 −69.01	012 o12 58.16 9.98 −75.74	012 p12 68.61 19.97 −82.47	012 q12 79.06 29.96 −89.21	012 r12 89.5 39.94 −95.94	012 s12 34.97 −21.12 56.77	012 t12 39.73 −13.83 44.99	012 u12 44.49 −6.53 33.2	012 v12 49.25 0.76 21.4	012 w12 54.02 8.06 9.61	012 x12 58.78 15.36 −2.58	012 y12 63.54 22.67 −14.6	012 z12 68.31 29.97 −26.42	012 a12 73.07 37.28 −38.23	012 b12 77.83 44.58 −50.05	012 c12 82.59 51.89 −61.87	012 d12 87.35 59.19 −73.69	012 e12 92.11 66.5 −85.51	012 f12 96.87 73.8 −97.33	012 g12 101.63 81.11 −109.15	012 h12 106.39 88.41 −120.97	012 i12 111.15 95.72 −132.79	012 j12 115.91 103.02 −144.61	012 k12 0.03 0.0 −0.01	012 l12 0.03 0.0 −0.01	012 m12 0.03 0.0 −0.01	012 n12 0.03 0.0 −0.01
13	013 a13 25.29 44.87 −94.73	013 b13 30.05 33.09 −42.5	013 c13 34.82 21.3 −32.2	013 d13 39.58 9.5 −21.9	013 e13 44.64 −5.76 −11.69	013 f13 57.09 −16.11 8.29	013 g13 67.54 −26.46 18.28	013 h13 77.99 −36.79 28.27	013 i13 88.44 −47.13 38.24	013 j13 28.66 −29.19 −42.14	013 k13 33.42 −21.9 −48.85	013 l13 38.18 −14.6 −55.56	013 m13 42.94 −7.3 −62.28	013 n13 47.72 −0.01 −69.01	013 o13 58.16 9.98 −75.74	013 p13 68.61 19.97 −82.47	013 q13 79.06 29.96 −89.21	013 r13 89.5 39.94 −95.94	013 s13 34.12 54.59 −5.75	013 t13 38.88 42.81 18.1	013 u13 43.64 31.02 8.83	013 v13 48.4 19.24 16.13	013 w13 53.17 7.02 19.41	013 x13 57.93 −5.17 22.68	013 y13 62.69 −15.51 32.67	013 z13 67.46 −25.85 42.66	013 a13 72.22 −36.18 52.64	013 b13 76.98 −46.52 62.62	013 c13 81.74 −56.85 72.61	013 d13 86.51 −67.18 82.59	013 e13 91.27 −77.52 92.58	013 f13 96.03 −87.85 102.57	013 g13 100.79 −98.18 112.55	013 h13 105.56 −108.52 122.54	013 i13 110.32 −118.85 132.52	013 j13 115.08 −129.18 142.51	013 k13 0.03 0.0 −0.01	013 l13 0.03 0.0 −0.01	013 m13 0.03 0.0 −0.01	013 n13 0.03 0.0 −0.01
14	014 a14 37.88 57.67 48.4	014 b14 43.14 45.48 51.67	014 c14 48.41 33.28 54.95	014 d14 53.68 21.08 58.22	014 e14 58.95 8.88 61.5	014 f14 64.22 −3.3 64.77	014 g14 69.49 −15.5 68.05	014 h14 79.94 −25.85 78.04	014 i14 90.39 −36.18 88.02	014 j14 44.19 67.28 56.47	014 k14 49.45 55.09 59.74	014 l14 54.72 42.9 63.02	014 m14 59.99 30.7 66.29	014 n14 65.26 18.5 69.57	014 o14 70.53 6.3 72.84	014 p14 75.8 −5.89 76.12	014 q14 81.07 −18.09 79.39	014 r14 86.34 −28.42 89.37	014 s14 50.49 76.89 64.53	014 t14 55.76 74.7 67.8	014 u14 61.03 71.08 71.08	014 v14 66.3 74.35 74.35	014 w14 71.57 77.63 77.63	014 x14 76.84 80.9 80.9	014 y14 82.11 84.18 84.18	014 z14 87.38 87.45 87.45	014 a14 92.65 90.73 90.73	014 b14 95.41 −0.01 0.01	014 c14 93.92 9.97 9.97	014 d14 92.43 19.96 19.96	014 e14 90.94 29.95 29.95	014 f14 89.45 39.94 39.94	014 g14 87.96 49.92 49.92	014 h14 86.47 59.91 59.91	014 i14 84.98 69.9 69.9	014 j14 83.49 79.88 79.88	014 k14 0.03 0.0 −0.01	014 l14 0.03 0.0 −0.01	014 m14 0.03 0.0 −0.01	014 n14 0.03 0.0 −0.01
15	015 a15 39.58 53.23 17.68	015 b15 44.34 42.03 24.97	015 c15 49.1 34.8 32.27	015 d15 54.37 28.45 35.55	015 e15 59.64 24.05 38.82	015 f15 64.91 14.01 42.1	015 g15 70.18 3.98 45.37	015 h15 80.63 −20.68 55.36	015 i15 91.07 −31.01 65.34	015 j15 45.89 50.65 64.53	015 k15 51.45 55.41 69.86	015 l15 60.68 46.06 40.34	015 m15 65.95 45.87 43.61	015 n15 71.22 47.7 46.89	015 o15 76.49 47.52 50.16	015 p15 81.76 47.35 53.44	015 q15 87.02 47.18 56.71	015 r15 92.2 47.01 66.69	015 s15 50.21 33.81 33.81	015 t15 52.2 41.9 41.9	015 u15 54.19 48.4 48.4	015 v15 56.18 54.9 51.68	015 w15 58.17 61.39 54.95	015 x15 60.16 67.88 58.23	015 y15 62.15 74.37 61.5	015 z15 64.14 80.86 64.78	015 a15 66.13 87.35 68.05	015 b15 68.12 93.84 71.32	015 c15 70.11 100.33 74.59	015 d15 72.1 106.82 77.86	015 e15 74.09 113.31 81.13	015 f15 76.08 119.8 84.4	015 g15 78.07 126.29 87.67	015 h15 80.06 132.78 90.94	015 i15 82.05 139.27 94.21	015 j15 84.04 145.76 97.48	015 k15 0.03 0.

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
01	0000 A01 0.03 0.0 −0.01	0009 B01 10.46 −10.33 9.97	0018 C01 20.91 −20.67 19.96	0027 D01 31.36 −31.01 29.95	0036 E01 41.81 −41.36 39.94	0045 F01 52.26 −51.72 49.92	0054 G01 62.71 −62.38 59.91	0063 H01 73.16 −72.38 69.9	0072 I01 83.61 −82.78 79.88	0081 J01 6.32 9.6 8.06	0090 K01 11.59 −2.58 11.33	0099 L01 22.04 −12.92 21.32	0108 M01 32.49 −23.26 31.3	0117 N01 42.94 −33.61 41.29	0126 O01 53.39 −43.95 51.28	0135 P01 63.84 −54.29 61.27	0144 Q01 74.29 −64.63 71.25	0153 R01 84.74 −74.97 81.23	0162 S01 12.63 19.21 16.13	0171 T01 17.9 7.03 19.4	0180 U01 23.17 −5.16 22.67	0189 V01 33.62 −15.51 32.66	0198 W01 44.07 −25.85 42.65	0207 X01 54.52 −36.19 52.64	0216 Y01 64.97 −46.53 62.62	0225 Z01 75.42 −56.88 72.61	0234 a01 85.87 −67.21 82.59	0243 b01 95.41 0.0 −0.01	0252 c01 89.79 0.0 8.06	0261 d01 84.17 19.21 16.15	0270 e01 78.56 28.83 24.19	0279 f01 72.94 38.44 32.26	0288 g01 67.33 48.06 40.33	0297 h01 61.72 57.67 48.4	0306 i01 56.1 67.28 56.47	0315 j01 50.49 76.89 64.53	0324 k01 0.03 0.0 −0.01	0333 l01 0.03 0.0 −0.01	0342 m01 0.03 0.0 −0.01	0351 n01 0.03 0.0 −0.01
02	0001 A02 3.81 9.49 −12.93	0010 B02 10.86 −5.76 −1.69	0019 C02 21.32 −16.1 8.29	0028 D02 31.77 −26.44 18.28	0037 E02 42.22 −36.79 28.27	0046 F02 52.67 −47.13 38.25	0055 G02 63.12 −57.47 48.24	0064 H02 73.57 −67.81 58.23	0073 I02 84.01 −78.15 68.21	0082 J02 10.97 21.29 −12.95	0091 K02 17.0 9.5 −1.69	0100 L02 11.94 −5.76 8.29	0109 M02 22.38 −10.34 19.97	0118 N02 32.83 −20.68 29.96	0127 O02 43.28 −31.02 39.95	0136 P02 53.74 −41.37 49.93	0145 Q02 64.19 −51.71 59.92	0154 R02 74.64 −62.05 69.9	0163 S02 13.48 21.39 0.77	0172 T02 18.24 9.61 8.06	0181 U02 23.51 −2.58 11.34	0190 V02 33.96 −12.92 21.33	0199 W02 44.41 −23.27 31.31	0208 X02 54.87 −33.61 41.3	0217 Y02 65.32 −43.95 51.29	0226 Z02 75.77 −54.29 61.28	0235 a02 86.21 −64.63 71.26	0730 b02 94.33 −5.76 −1.69	0739 c02 83.49 0.0 −0.01	0748 d02 77.87 9.61 8.06	0757 e02 72.25 19.22 16.13	0766 f02 66.64 28.84 24.2	0775 g02 61.03 38.45 32.27	0784 h02 55.41 48.06 40.34	0793 i02 49.8 57.68 48.41	0802 j02 44.19 67.28 56.47	0973 k02 11.94 0.0 −0.01	0982 l02 11.94 0.0 −0.01	0991 m02 11.94 0.0 −0.01	1000 n02 11.94 0.0 −0.01
03	0002 A03 7.61 19.0 −25.88	0011 B03 14.66 3.74 −14.64	0020 C03 21.72 −11.53 −3.38	0029 D03 32.17 −21.87 6.6	0038 E03 42.63 −32.21 16.59	0047 F03 53.08 −42.56 26.57	0056 G03 63.53 −52.9 36.56	0065 H03 73.98 −63.24 46.55	0074 I03 84.42 −73.57 56.53	0083 J03 21.29 −20.24	0092 K03 9.5 −12.95 −1.69	0101 L03 22.79 −5.76 8.29	0110 M03 33.24 −16.11 18.28	0119 N03 43.69 −26.45 28.27	0128 O03 54.14 −36.79 38.25	0137 P03 64.59 −47.13 48.24	0146 Q03 75.05 −57.48 58.22	0155 R03 85.49 −67.81 68.21	0164 S03 14.33 23.57 −14.59	0173 T03 19.09 11.79 −7.3	0182 U03 23.87 0.0 −0.01	0191 V03 34.31 −10.34 9.98	0200 W03 44.76 −20.68 19.97	0209 X03 55.21 −31.02 29.96	0218 Y03 65.66 −41.37 39.95	0227 Z03 76.11 −51.71 49.93	0236 a03 86.55 −62.04 59.91	0731 b03 93.26 −11.53 −3.38	0740 c03 82.41 5.76 −1.69	0749 d03 71.57 0.0 −0.01	0758 e03 65.94 9.61 8.06	0767 f03 60.33 19.22 16.13	0776 g03 54.71 28.84 24.2	0785 h03 49.1 38.45 32.27	0794 i03 43.49 48.06 40.34	0803 j03 37.88 57.67 48.4	0974 k03 23.87 0.0 −0.01	0983 l03 23.87 0.0 −0.01	0992 m03 23.87 0.0 −0.01	1001 n03 23.87 0.0 −0.01
04	0003 A04 11.4 28.51 −38.83	0012 B04 18.46 13.25 −27.59	0021 C04 25.52 −2.02 −16.33	0030 D04 32.58 −17.3 −5.07	0039 E04 43.03 −27.64 4.91	0048 F04 53.48 −37.98 14.89	0057 G04 63.94 −48.32 24.88	0066 H04 74.39 −58.67 34.87	0075 I04 84.83 −69.0 44.85	0084 J04 14.77 30.79 −33.19	0093 K04 19.53 19.01 −25.9	0102 L04 26.59 3.73 −14.64	0111 M04 33.65 −11.53 −3.38	0120 N04 44.1 −21.88 6.6	0129 O04 54.55 −32.22 16.59	0138 P04 65.0 −42.56 26.57	0147 Q04 75.45 −52.9 36.56	0156 R04 85.9 −63.24 46.54	0165 S04 18.13 33.08 −27.54	0174 T04 22.89 21.3 −20.25	0183 U04 27.65 9.5 −12.95	0192 V04 34.71 −5.76 −1.69	0201 W04 45.17 −16.1 8.29	0210 X04 55.62 −26.45 18.28	0219 Y04 66.07 −36.79 28.27	0228 Z04 76.52 −47.13 38.25	0237 a04 86.96 −57.47 48.23	0732 b04 92.2 −17.3 −5.07	0741 c04 81.35 −11.53 −3.38	0750 d04 70.49 −5.76 −1.69	0759 e04 59.64 0.0 −0.01	0768 f04 54.02 9.61 8.06	0777 g04 48.4 19.22 16.13	0786 h04 42.79 28.84 24.2	0795 i04 37.18 38.45 32.27	0804 j04 31.57 48.06 40.33	0975 k04 35.79 0.0 −0.01	0984 l04 35.79 0.0 −0.01	0993 m04 35.79 0.0 −0.01	1002 n04 35.79 0.0 −0.01
05	0004 A05 15.2 38.02 −51.78	0013 B05 22.26 22.75 −40.54	0022 C05 29.32 7.48 −29.28	0031 D05 36.38 −7.79 −18.02	0040 E05 43.44 −23.07 −6.76	0049 F05 53.89 −33.41 3.21	0058 G05 64.34 −43.75 13.2	0067 H05 74.79 −54.09 23.19	0076 I05 85.24 −64.43 33.17	0085 J05 18.56 28.52 −38.84	0094 K05 23.32 13.24 −27.59	0103 L05 30.38 −2.03 −16.33	0112 M05 37.44 −17.3 −5.07	0121 N05 51.54 −27.64 4.91	0130 O05 54.96 −37.99 14.89	0139 P05 65.41 −48.33 24.88	0148 Q05 75.86 −58.66 34.85	0157 R05 86.3 −68.99 44.84	0166 S05 21.93 32.09 −40.49	0175 T05 26.69 30.8 −33.2	0184 U05 31.45 19.01 −25.9	0193 V05 38.51 3.73 −14.64	0202 W05 45.57 −11.53 −3.38	0211 X05 56.02 −21.88 6.6	0220 Y05 66.48 −32.22 16.59	0229 Z05 76.93 −42.56 26.57	0238 a05 87.37 −52.89 36.55	0733 b05 91.13 −23.07 −5.76	0742 c05 80.28 −17.3 −5.07	0751 d05 69.42 −11.53 −3.38	0760 e05 58.56 −5.76 −1.69	0769 f05 47.72 0.0 −0.01	0778 g05 42.12 9.61 8.06	0787 h05 36.48 19.22 16.13	0796 i05 30.86 28.84 24.2	0805 j05 25.25 38.45 32.27	0976 k05 47.72 0.0 −0.01	0985 l05 47.72 0.0 −0.01	0994 m05 47.72 0.0 −0.01	1003 n05 47.72 0.0 −0.01
06	0005 A06 19.0 47.52 −64.73	0014 B06 26.05 32.26 −53.49	0023 C06 33.12 16.98 −42.23	0032 D06 40.18 1.71 −30.97	0041 E06 47.24 −13.56 −19.71	0050 F06 54.3 −28.83 −8.46	0059 G06 64.75 −39.18 1.52	0068 H06 75.2 −49.52 11.51	0077 I06 85.64 −59.85 21.49	0086 J06 22.36 49.81 −59.09	0095 K06 27.12 38.03 −51.8	0104 L06 34.18 22.75 −40.54	0113 M06 41.24 7.47 −29.28	0122 N06 48.3 −7.79 −18.02	0131 O06 55.36 −23.07 −6.77	0140 P06 65.82 −33.41 3.21	0149 Q06 76.27 −43.76 13.2	0158 R06 86.71 −54.09 23.18	0167 S06 25.73 52.1 −53.44	0176 T06 30.49 40.31 −46.15	0185 U06 35.25 28.52 −38.84	0194 V06 42.31 13.24 −27.59	0203 W06 49.37 −2.03 −16.33	0212 X06 56.43 −17.3 −5.07	0221 Y06 66.88 −27.64 4.91	0230 Z06 77.33 −37.99 14.89	0239 a06 87.78 −48.32 24.87	0734 b06 90.07 −28.83 −8.46	0743 c06 79.22 −23.07 −6.77	0752 d06 68.36 −17.3 −5.07	0761 e06 57.5 −11.53 −3.38	0770 f06 46.64 −5.76 −1.69	0779 g06 35.79 0.0 −0.01	0788 h06 30.17 9.61 8.06	0797 i06 24.55 19.22 16.13	0806 j06 18.94 28.83 24.19	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
07	0006 A07 2.31 57.03 −77.68	0015 B07 29.85 41.77 −66.44	0024 C07 36.91 26.49 −55.18	0033 D07 43.97 11.22 −43.92	0042 E07 51.04 −4.05 −32.66	0051 F07 58.1 −19.33 −21.41	0060 G07 65.16 −34.6 −10.15	0069 H07 72.21 −44.95 −0.16	0078 I07 79.27 −55.28 9.81	0087 J07 16.38 59.32 −72.04	0096 K07 19.37 47.53 −64.75	0105 L07 22.36 32.26 −53.49	0114 M07 25.34 16.98 −42.23	0123 N07 28.33 1.7 −30.97	0132 O07 31.32 −13.56 −19.71	0141 P07 34.31 −28.84 −8.46	0150 Q07 37.29 −39.18 1.52	0159 R07 40.28 −49.52 11.5	0168 S07 18.42 61.6 −66.39	0177 T07 24.28 49.82 −59.1	0186 U07 30.15 38.03 −51.8	0195 V07 36.01 22.75 −40.54	0204 W07 41.87 7.47 −29.28	0213 X07 47.74 −7.79 −18.02	0222 Y07 53.6 −23.07 −6.77	0231 Z07 77.74 −33.41 3.21	0240 a07 88.18 −43.75 13.19	0735 b07 89.0 −34.6 −10.15	0744 c07 78.15 −28.84 −8.46	0753 d07 67.29 −23.07 −6.77	0762 e07 56.42 −17.3 −5.07	0771 f07 45.57 −11.53 −3.38	0780 g07 34.71 −5.76 −1.69	0789 h07 29.12 0.0 −0.01	0798 i07 23.47 9.61 8.06	0807 j07 18.24 19.21 16.13	0978 k07 71.57 0.0 −0.01	0987 l07 71.57 0.0 −0.01	0996 m07 71.57 0.0 −0.01	1005 n07 71.57 0.0 −0.01
08	0007 A08 26.59 68.54 −90.63	0016 B08 33.65 51.28 −79.39	0025 C08 40.71 36.0 −68.13	0034 D08 47.77 20.72 −56.87	0043 E08 54.83 5.45 −45.61	0052 F08 61.89 −9.82 −34.36	0061 G08 68.96 −25.1 −23.1	0070 H08 76.02 −40.37 −11.84	0079 I08 86.46 −50.71 1.86	0088 J08 29.96 41.26 −84.99	0097 K08 34.71 57.04 −77.69	0106 L08 41.78 41.76 −66.44	0115 M08 48.84 26.49 −55.18	0124 N08 55.9 11.21 −43.92	0133 O08 62.96 −4.06 −32.66	0142 P08 70.02 −19.33 −21.41	0151 Q08 77.08 −34.61 −10.15	0160 R08 87.53 −44.94 −0.17	0169 S08 33.32 71.1 −79.34	0178 T08 38.08 59.33 −72.05	0187 U08 42.84 47.53 −64.75	0196 V08 49.9 32.26 −53.49	0205 W08 56.96 19.98 −42.23	0214 X08 64.02 1.7 −30.97	0223 Y08 71.09 −13.56 −19.71	0232 Z08 78.15 −28.84 −8.46	0241 a08 88.59 −39.17 1.51	0736 b08 87.93 −40.37 −11.84	0745 c08 77.08 −34.61 −10.15	0754 d08 66.22 −28.84 −8.46	0763 e08 55.36 −23.07 −6.77	0772 f08 44.51 −17.3 −5.07	0781 g08 33.65 −11.53 −3.38	0790 h08 22.79 −5.76 −1.69	0799 i08 11.94 0.0 −0.01	0808 j08 6.32 9.6 8.06	0979 k08 83.49 0.0 −0.01	0988 l08 83.49 0.0 −0.01	0997 m08 83.49 0.0 −0.01	1006 n08 83.49 0.0 −0.01
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10	0243 A10 18.94 28.83 24.19	0252 B10 24.21 16.64 27.47	0261 C10 29.48 4.44 30.74	0270 D10 34.75 −7.75 34.02	0279 E10 41.02 −18.09 44.0	0288 F10 55.65 −28.43 53.99	0297 G10 66.1 −38.78 73.97	0306 H10 76.55 −49.12 83.95	0315 I10 87.0 −59.45 92.7	0324 J10 25.25 38.44 32.26	0333 K10 30.52 26.25 35.54	0342 L10 35.79 14.05 38.81	0351 M10 41.06 1.86 42.09	0360 N10 46.33 −10.33 45.36	0369 O10 56.78 −20.68 55.35	0378 P10 67.23 −31.02 65.34	0387 Q10 77.68 −41.36 75.32	0396 R10 88.13 −51.69 85.3	0405 S10 31.57 48.06 40.33	0414 T10 36.83 35.87 43.6	0423 U10 42.1 23.67 46.88	0432 V10 47.37 11.47 50.15	0441 W10 52.64 −0.72 53.43	0450 X10 57.91 −12.92 56.7	0459 Y10 68.36 −23.26 66.69	0468 Z10 78.81 −33.6 76.68	0477 a10 89.26 −43.94 86.66	0810 b10 95.41 0.0 −0.01	0819 c10 95.41 −2.58 11.33	0828 d10 94.71 −5.16 22.67	0837 e10 94.36 −7.75 34.02	0846 f10 94.02 −10.33 45.36	0855 g10 93.68 −12.92 56.7	0864 h10 93.33 −15.5 68.05	0873 i10 92.99 −18.09 79.39	0882 j10 92.65 −20.67 90.73	1008 k10 0.03 0.0 −0.01	1024 l10 0.03 0.0 −0.01	1040 m10 0.03 0.0 −0.01	1056 n10 0.03 0.0 −0.01
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13	0246 A13 21.5 35.37 −21.89	0255 B13 26.26 23.58 −14.6	0264 C13 31.02 11.79 −7.3	0273 D13 35.79 0.0 −0.01	0282 E13 46.23 −10.34 9.98	0291 F13 56.68 −20.68 19.97	0300 G13 67.13 −31.02 29.96	0309 H13 77.59 −41.37 39.95	0318 I13 88.03 −51.71 49.92	0327 J13 27.81 44.98 −7.3	0336 K13 32.57 33.2 8.06	0345 L13 37.33 21.4 11.34	0354 M13 42.09 9.61 19.41	0363 N13 47.36 −2.58 21.33	0372 O13 57.81 −12.92 31.3	0381 P13 68.26 −23.27 41.3	0390 Q13 78.72 −33.61 41.3	0399 R13 89.16 −43.94 51.28	0408 S13 34.12 54.59 −5.76	0417 T13 38.88 42.81 1.51	0426 U13 43.64 31.02 8.83	0435 V13 48.4 19.22 16.13	0444 W13 53.17 7.02 19.41	0453 X13 57.94 −5.17 22.68	0462 Y13 69.39 −15.51 32.67	0471 Z13 79.85 −25.85 42.66	0480 a13 90.29 −36.18 52.64	0813 b13 71.02 28.51 −38.83	0822 c13 67.23 19.01 −25.91	0831 d13 63.43 9.5 −12.95	0840 e13 59.64 0.0 −0.01	0849 f13 59.29 −2.58 11.34	0858 g13 58.94 −5.17 22.68	0867 h13 58.6 −7.75 34.03	0876 i13 58.26 −10.34 45.37	0885 j13 57.91 −12.92 56.7	1011 k13 19.1 0.0 −0.01	1027 l13 19.1 0.0 −0.01	1043 m13 19.1 0.0 −0.01	1059 n13 19.1 0.0 −0.01
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15	0248 A15 29.75 54.38 −47.79	0257 B15 33.85 42.6 −40.5	0266 C15 38.61 30.8 −33.2	0275 D15 43.38 19.01 −25.9	0284 E15 50.44 3.73 −14.64	0293 F15 57.5 −11.53 −3.38	0302 G15 67.95 −21.88 6.6	0311 H15 78.4 −32.22 16.59	0320 I15 88.84 −42.55 26.56	0329 J15 32.46 56.67 −42.14	0338 K15 37.21 44.88 −34.85	0347 L15

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02	0001 A02 3.81 9.49 -12.93	0010 B02 10.86 -5.76 -1.69	0019 C02 21.32 -16.1 8.29	0028 D02 31.77 -26.44 18.28	0037 E02 42.22 -36.79 28.27	0046 F02 52.67 -47.13 38.25	0055 G02 63.12 -57.47 48.24	0064 H02 73.57 -67.81 58.23	0073 I02 84.01 -78.15 68.21	0082 J02 7.17 11.78 -7.29	0091 K02 11.94 0.0 -0.01	0100 L02 22.38 -10.34 9.98	0109 M02 32.83 -20.68 19.97	0118 N02 43.28 -31.02 29.96	0127 O02 53.74 -41.37 39.95	0136 P02 64.19 -51.71 49.93	0145 Q02 74.64 -62.05 59.92	0154 R02 85.08 -72.38 69.9	0163 S02 13.48 21.39 0.77	0172 T02 18.24 9.61 8.06	0181 U02 23.51 -2.58 11.34	0190 V02 33.96 -12.92 21.33	0199 W02 44.41 -23.27 31.31	0208 X02 54.87 -33.61 41.3	0217 Y02 65.32 -43.95 51.29	0226 Z02 75.77 -54.29 61.28	0235 a02 86.21 -64.63 71.26	0730 b02 94.33 -5.76 -1.69	0739 c02 83.49 0.0 -0.01	0748 d02 77.87 9.61 8.06	0757 e02 72.25 19.22 16.13	0766 f02 66.64 28.84 24.2	0775 g02 61.03 38.45 32.27	0784 h02 55.41 48.06 40.34	0793 i02 49.8 57.68 48.41	0802 j02 44.19 67.28 56.47	0973 k02 11.94 0.0 -0.01	0982 l02 11.94 0.0 -0.01	0991 m02 11.94 0.0 -0.01	1000 n02 11.94 0.0 -0.01
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
01	0000 A01 0.03 0.0 −0.01	0009 B01 10.46 −10.33 9.97	0018 C01 20.91 −20.67 19.96	0027 D01 31.36 −31.01 29.95	0036 E01 41.81 −41.36 39.94	0045 F01 52.26 −51.72 39.52	0054 G01 62.71 −62.04 59.91	0063 H01 73.16 −72.38 69.9	0072 I01 83.61 −72.38 79.88	0081 J01 6.32 9.6 8.06	0090 K01 11.59 −2.58 11.33	0099 L01 22.04 −12.92 21.32	0108 M01 32.49 −23.26 31.3	0117 N01 42.94 −33.61 41.29	0126 O01 53.39 −43.95 51.28	0135 P01 63.84 −54.29 61.27	0144 Q01 74.29 −64.63 71.25	0153 R01 84.74 −74.97 81.23	0162 S01 12.63 19.21 16.13	0171 T01 17.9 7.03 19.4	0180 U01 23.17 −5.16 22.67	0189 V01 33.62 −15.51 32.66	0198 W01 44.07 −25.85 42.65	0207 X01 54.52 −36.19 52.64	0216 Y01 64.97 −46.53 62.62	0225 Z01 75.42 −56.88 72.61	0234 a01 85.87 −67.21 82.59	0243 b01 95.41 0.0 −0.01	0252 c01 89.79 0.0 8.06	0261 d01 84.17 19.21 16.15	0270 e01 78.56 28.83 24.19	0279 f01 72.94 38.44 32.26	0288 g01 67.33 48.06 40.33	0297 h01 61.72 57.67 48.4	0306 i01 56.1 67.28 56.47	0315 j01 50.49 76.89 64.53	0324 k01 0.03 0.0 −0.01	0333 l01 0.03 0.0 −0.01	0342 m01 0.03 0.0 −0.01	0351 n01 0.03 0.0 −0.01
02	0001 A02 3.81 9.49 −12.93	0010 B02 10.86 −5.76 −1.69	0019 C02 21.32 −16.1 8.29	0028 D02 31.77 −26.44 18.28	0037 E02 42.22 −36.79 28.27	0046 F02 52.67 −47.13 38.25	0055 G02 63.12 −57.47 48.24	0064 H02 73.57 −67.81 58.23	0073 I02 84.01 −78.15 68.21	0082 J02 10.97 21.29 −12.95	0091 K02 17.0 9.5 −1.69	0100 L02 11.94 −5.76 8.29	0109 M02 22.38 −10.34 19.97	0118 N02 32.83 −20.68 29.96	0127 O02 43.28 −31.02 39.95	0136 P02 53.74 −41.37 49.93	0145 Q02 64.19 −51.71 59.92	0154 R02 74.64 −62.05 69.9	0163 S02 13.48 21.39 0.77	0172 T02 18.24 9.61 8.06	0181 U02 23.51 −2.58 11.34	0190 V02 33.96 −12.92 21.33	0199 W02 44.41 −23.27 31.31	0208 X02 54.87 −33.61 41.3	0217 Y02 65.32 −43.95 51.29	0226 Z02 75.77 −54.29 61.28	0235 a02 86.21 −64.63 71.26	0730 b02 94.33 −5.76 −1.69	0739 c02 83.49 0.0 −0.01	0748 d02 77.87 9.61 8.06	0757 e02 72.25 19.22 16.13	0766 f02 66.64 28.84 24.2	0775 g02 61.03 38.45 32.27	0784 h02 55.41 48.06 40.34	0793 i02 49.8 57.68 48.41	0802 j02 44.19 67.28 56.47	0973 k02 11.94 0.0 −0.01	0982 l02 11.94 0.0 −0.01	0991 m02 11.94 0.0 −0.01	1000 n02 11.94 0.0 −0.01
03	0002 A03 7.61 19.0 −25.88	0011 B03 14.66 3.74 −14.64	0020 C03 21.72 −11.53 −3.38	0029 D03 32.17 −21.87 6.6	0038 E03 42.63 −32.21 16.59	0047 F03 53.08 −42.56 26.57	0056 G03 63.53 −52.9 36.56	0065 H03 73.98 −63.24 46.55	0074 I03 84.42 −73.57 56.53	0083 J03 21.29 −20.24	0092 K03 9.5 −12.95	0101 L03 22.79 −5.76 −1.69	0110 M03 33.24 −16.11 8.29	0119 N03 43.69 −26.45 18.28	0128 O03 54.14 −36.79 28.27	0137 P03 64.59 −47.13 38.25	0146 Q03 75.05 −57.48 48.24	0155 R03 85.49 −67.81 58.22	0164 S03 14.33 23.57 −14.59	0173 T03 19.09 11.79 −7.3	0182 U03 23.87 0.0 −0.01	0191 V03 34.31 −10.34 9.98	0200 W03 44.76 −20.68 19.97	0209 X03 55.21 −31.02 29.96	0218 Y03 65.66 −41.37 39.95	0227 Z03 76.11 −51.71 49.93	0236 a03 86.55 −62.04 59.91	0731 b03 93.26 −11.53 −3.38	0740 c03 82.41 5.76 −1.69	0749 d03 71.57 0.0 −0.01	0758 e03 65.94 9.61 8.06	0767 f03 60.33 19.22 16.13	0776 g03 54.71 28.84 24.2	0785 h03 49.1 38.45 32.27	0794 i03 43.49 48.06 40.34	0803 j03 37.88 57.67 48.4	0974 k03 23.87 0.0 −0.01	0983 l03 23.87 0.0 −0.01	0992 m03 23.87 0.0 −0.01	1001 n03 23.87 0.0 −0.01
04	0003 A04 11.4 28.51 −38.83	0012 B04 18.46 13.25 −27.59	0021 C04 25.52 −2.02 −16.33	0030 D04 32.58 −17.3 −5.07	0039 E04 43.03 −27.64 4.91	0048 F04 53.48 −37.98 14.89	0057 G04 63.94 −48.32 24.88	0066 H04 74.39 −58.67 34.87	0075 I04 84.83 −69.0 44.85	0084 J04 14.77 30.79 −33.19	0093 K04 19.53 19.01 −25.9	0102 L04 26.59 3.73 −14.64	0111 M04 33.65 −11.53 −3.38	0120 N04 44.1 −21.88 6.6	0129 O04 54.55 −32.22 16.59	0138 P04 65.0 −42.56 26.57	0147 Q04 75.45 −52.9 36.56	0156 R04 85.9 −63.24 46.54	0165 S04 18.13 33.08 −27.54	0174 T04 22.89 21.3 −20.25	0183 U04 27.65 9.5 −12.95	0192 V04 34.71 −5.76 −1.69	0201 W04 45.17 −16.1 8.29	0210 X04 55.62 −26.45 18.28	0219 Y04 66.07 −36.79 28.27	0228 Z04 76.52 −47.13 38.25	0237 a04 86.96 −57.47 48.23	0732 b04 92.2 −17.3 −5.07	0741 c04 81.35 −11.53 −3.38	0750 d04 70.49 −5.76 −1.69	0759 e04 59.64 0.0 −0.01	0768 f04 54.02 9.61 8.06	0777 g04 48.4 19.22 16.13	0786 h04 42.79 28.84 24.2	0795 i04 37.18 38.45 32.27	0804 j04 31.57 48.06 40.33	0975 k04 35.79 0.0 −0.01	0984 l04 35.79 0.0 −0.01	0993 m04 35.79 0.0 −0.01	1002 n04 35.79 0.0 −0.01
05	0004 A05 15.2 38.02 −51.78	0013 B05 22.26 22.75 −40.54	0022 C05 29.32 7.48 −29.28	0031 D05 36.38 −7.79 −18.02	0040 E05 43.44 −23.07 −6.76	0049 F05 53.89 −33.41 3.21	0058 G05 64.34 −43.75 13.2	0067 H05 74.79 −54.09 23.19	0076 I05 85.24 −64.43 33.17	0085 J05 18.56 40.3 −46.14	0094 K05 23.32 28.52 −38.84	0103 L05 30.38 13.24 −27.59	0112 M05 37.44 −2.03 −16.33	0121 N05 51.74 −17.3 −5.07	0130 O05 54.96 −27.64 4.91	0139 P05 65.41 −37.99 14.89	0148 Q05 75.86 −48.33 24.88	0157 R05 86.3 −58.66 34.85	0166 S05 21.93 32.09 −40.49	0175 T05 26.69 30.8 −33.2	0184 U05 31.45 19.01 −25.9	0193 V05 38.51 3.73 −14.64	0202 W05 45.57 −11.53 −3.38	0211 X05 56.02 −21.88 6.6	0220 Y05 66.48 −32.22 16.59	0229 Z05 76.93 −42.56 26.57	0238 a05 87.37 −52.89 36.55	0733 b05 91.13 −23.07 −5.76	0742 c05 80.28 −17.3 −1.69	0751 d05 69.42 −11.53 2.38	0760 e05 58.56 −5.76 −1.69	0769 f05 47.72 0.0 −0.01	0778 g05 42.12 9.61 8.06	0787 h05 36.48 19.22 16.13	0796 i05 30.86 28.84 24.2	0805 j05 25.25 38.45 32.27	0976 k05 47.72 0.0 −0.01	0985 l05 47.72 0.0 −0.01	0994 m05 47.72 0.0 −0.01	1003 n05 47.72 0.0 −0.01
06	0005 A06 19.0 47.52 −64.73	0014 B06 26.05 32.26 −53.49	0023 C06 33.12 16.98 −42.23	0032 D06 40.18 1.71 −30.97	0041 E06 47.24 −13.56 −19.71	0050 F06 54.3 −28.83 −8.46	0059 G06 64.75 −39.18 1.52	0068 H06 75.2 −49.52 11.51	0077 I06 85.64 −59.85 21.49	0086 J06 22.36 49.81 −59.09	0095 K06 27.12 38.03 −51.8	0104 L06 34.18 22.75 −40.54	0113 M06 41.24 7.47 −29.28	0122 N06 48.3 −7.79 −18.02	0131 O06 55.36 −23.07 −6.77	0140 P06 65.82 −33.41 3.21	0149 Q06 76.27 −43.76 13.2	0158 R06 86.71 −54.09 23.18	0167 S06 25.73 52.1 −53.44	0176 T06 30.49 40.31 −46.15	0185 U06 35.25 28.52 −38.84	0194 V06 42.31 13.24 −27.59	0203 W06 49.37 −2.03 −16.33	0212 X06 56.43 −17.3 −5.07	0221 Y06 66.88 −27.64 4.91	0230 Z06 77.33 −37.99 14.89	0239 a06 87.78 −48.32 24.87	0734 b06 90.07 −28.83 −8.46	0743 c06 79.22 −23.07 −6.77	0752 d06 68.36 −17.3 −5.07	0761 e06 57.5 −11.53 −3.38	0770 f06 46.64 −5.76 −1.69	0779 g06 35.79 0.0 −0.01	0788 h06 30.17 9.61 8.06	0797 i06 24.55 19.22 16.13	0806 j06 18.94 28.83 24.19	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
07	0006 A07 2.31 57.03 −77.68	0015 B07 29.85 41.77 −66.44	0024 C07 36.91 26.49 −55.18	0033 D07 43.97 11.22 −43.92	0042 E07 51.04 −4.05 −32.66	0051 F07 58.1 −19.33 −21.41	0060 G07 65.15 −34.6 −10.15	0069 H07 72.61 −44.95 −0.16	0078 I07 80.05 −55.28 9.81	0087 J07 16.38 59.32 −72.04	0096 K07 19.37 47.53 −64.75	0105 L07 22.37 32.26 −53.49	0114 M07 25.44 16.98 −42.23	0123 N07 28.51 1.7 −30.97	0132 O07 31.58 −13.56 −19.71	0141 P07 35.16 −28.84 −8.46	0150 Q07 46.72 −39.18 1.52	0159 R07 58.28 −49.52 11.5	0168 S07 12.57 61.6 −66.39	0177 T07 14.28 49.82 −59.1	0186 U07 16.07 38.03 −51.8	0195 V07 19.85 22.75 −40.54	0204 W07 23.63 7.47 −29.28	0213 X07 27.42 −7.79 −18.02	0222 Y07 31.21 −23.07 −6.77	0231 Z07 37.74 −33.41 3.21	0240 a07 44.28 −43.75 13.19	0735 b07 89.0 −34.6 −10.15	0744 c07 78.15 −28.84 −8.46	0753 d07 67.29 −23.07 −6.77	0762 e07 56.42 −17.3 −5.07	0771 f07 45.57 −11.53 −3.38	0780 g07 34.71 −5.76 −1.69	0789 h07 28.37 0.0 −0.01	0798 i07 22.03 9.61 8.06	0807 j07 15.7 19.21 16.13	0978 k07 71.57 0.0 −0.01	0987 l07 71.57 0.0 −0.01	0996 m07 71.57 0.0 −0.01	1005 n07 71.57 0.0 −0.01
08	0007 A08 26.59 68.54 −90.63	0016 B08 33.65 51.28 −79.39	0025 C08 40.71 36.0 −68.13	0034 D08 47.77 20.72 −56.87	0043 E08 54.83 5.45 −45.61	0052 F08 61.89 −9.82 −34.36	0061 G08 68.96 −25.1 −23.1	0070 H08 76.02 −40.37 −11.84	0079 I08 86.46 −50.71 1.86	0088 J08 29.96 61.82 −84.99	0097 K08 34.71 57.04 −77.69	0106 L08 41.78 41.76 −66.44	0115 M08 48.84 26.49 −55.18	0124 N08 55.9 11.21 −43.92	0133 O08 62.96 −4.06 −32.66	0142 P08 70.02 −19.33 −21.41	0151 Q08 77.08 −34.61 −10.15	0160 R08 87.53 −44.94 −0.17	0169 S08 33.32 71.1 −79.34	0178 T08 38.08 59.3 −72.05	0187 U08 42.84 49.5 −64.75	0196 V08 49.9 32.26 −53.49	0205 W08 56.96 19.58 −42.23	0214 X08 64.02 1.7 −30.97	0223 Y08 71.09 −17.0 −19.71	0232 Z08 78.15 −13.56 −8.46	0241 a08 88.59 −24.87 1.51	0736 b08 87.93 −40.37 −11.84	0745 c08 77.08 −34.61 −10.15	0754 d08 66.22 −28.84 −8.46	0763 e08 55.36 −23.07 −6.77	0772 f08 44.51 −17.3 −5.07	0781 g08 33.65 −11.53 −3.38	0790 h08 22.79 −5.76 −1.69	0799 i08 11.94 0.0 −0.01	0808 j08 6.32 9.6 8.06	0979 k08 83.49 0.0 −0.01	0988 l08 83.49 0.0 −0.01	0997 m08 83.49 0.0 −0.01	1006 n08 83.49 0.0 −0.01
09	0008 A09 30.39 33.19 −103.57	0017 B09 37.44 60.78 −92.31	0026 C09 44.51 45.5 −81.07	0035 D09 51.57 30.22 −68.81	0044 E09 58.63 14.95 −57.55	0053 F09 65.69 −0.32 −47.1	0062 G09 72.75 −15.6 −36.04	0071 H09 79.81 −30.87 −24.78	0080 I09 86.87 −46.14 −13.59	0089 J09 33.75 78.52 −97.93	0098 K09 38.51 66.54 −90.63	0107 L09 45.57 51.26 −79.38	0116 M09 52.63 35.99 −68.12	0125 N09 59.69 20.71 −56.86	0134 O09 66.75 5.43 −45.6	0143 P09 73.82 −9.83 −34.35	0152 Q09 80.88 −25.11 −23.1	0161 R09 87.93 −40.37 −11.84	0170 S09 37.19 41.87 −92.28	0179 T09 41.93 46.64 −84.98	0188 U09 46.67 53.7 −77.68	0197 V09 51.42 41.76 −66.43	0206 W09 56.17 26.48 −52.9	0215 X09 60.76 11.2 −41.65	0224 Y09 67.82 −4.06 −30.41	0233 Z09 74.88 −19.46 −19.15	0242 a09 81.94 −34.6 −8.46	0737 b09 86.87 −46.14 −13.59	0746 c09 76.02 −40.37 −11.84	0755 d09 65.16 −34.6 −10.15	0764 e09 54.3 −28.83 −8.46	0773 f09 43.44 −23.07 −6.77	0782 g09 32.58 −17.3 −5.07	0791 h09 21.72 −11.53 −3.38	0800 i09 10.86 −5.76 −1.69	0809 j09 0.03 0.0 −0.01	0980 k09 95.41 0.0 −0.01	0989 l09 95.41 0.0 −0.01	0998 m09 95.41 0.0 −0.01	1007 n09 95.41 0.0 −0.01
10	0243 A10 18.94 28.83 24.19	0252 B10 24.21 16.64 27.47	0261 C10 29.48 4.44 30.74	0270 D10 34.75 −7.75 34.02	0279 E10 41.02 −18.09 44.0	0288 F10 55.65 −28.43 53.99	0297 G10 66.1 −38.78 73.97	0306 H10 76.55 −49.12 83.95	0315 I10 87.0 −59.45 92.7	0324 J10 25.25 38.44 32.26	0333 K10 30.52 26.25 35.54	0342 L10 35.79 14.05 38.81	0351 M10 41.06 1.86 42.09	0360 N10 46.33 −10.33 45.36	0369 O10 56.78 −20.68 55.35	0378 P10 67.23 −31.02 65.34	0387 Q10 77.68 −41.36 75.32	0396 R10 88.13 −51.69 85.3	0405 S10 31.57 48.06 40.33	0414 T10 36.83 35.87 43.6	0423 U10 42.1 23.67 46.88	0432 V10 47.37 11.47 50.15	0441 W10 52.64 −0.72 53.43	0450 X10 57.91 −12.92 56.7	0459 Y10 68.36 −23.26 66.69	0468 Z10 78.81 −33.6 76.68	0477 a10 89.26 −43.94 86.66	0810 b10 95.41 0.0 −0.01	0819 c10 95.41 −2.58 11.33	0828 d10 94.71 −5.16 22.67	0837 e10 94.36 −7.75 34.02	0846 f10 94.02 −10.33 45.36	0855 g10 93.68 −12.92 56.7	0864 h10 93.33 −15.5 68.05	0873 i10 92.99 −18.09 79.39	0882 j10 92.65 −20.67 90.73	1008 k10 0.03 0.0 −0.01	1024 l10 0.03 0.0 −0.01	1040 m10 0.03 0.0 −0.01	1056 n10 0.03 0.0 −0.01
11	0244 A11 24.55 31.01 8.84	0253 B11 29.82 19.22 16.13	0262 C11 35.09 7.02 19.41	0271 D11 40.35 −5.17 22.68	0280 E11 45.61 −15.51 32.67	0289 F11 55.95 −25.85 42.66	0298 G11 66.45 −36.19 52.65	0307 H11 76.95 −46.54 62.63	0316 I11 87.45 −56.87 72.61	0325 J11 18.09 40.62 16.91	0334 K11 18.86 28.84 24.2	0343 L11 19.62 16.64 27.48	0352 M11 20.39 4.44 30.75	0361 N11 31.1 −7.75 34.03	0370 O11 41.4 −18.09 44.01	0379 P11 51.7 −28.43 54.0	0388 Q11 62.01 −38.78 63.99	0397 R11 72.32 −49.11 73.97	0406 S11 23.08 50.23 24.98	0415 T11 27.84 38.45 32.27	0424 U11 32.6 26.25 35.55	0433 V11 37.36 14.05 38.82	0442 W11 42.12 1.85 42.1	0451 X11 46.88 −10.34 45.37	0460 Y11 55.36 −20.68 65.35	0469 Z11 63.84 −31.02 75.32	0478 a11 72.31 −41.35 85.29	0811 b11 87.27 9.49 −12.93	0820 c11 83.49 0.0 −0.01	0829 d11 79.71 −2.58 11.34	0838 e11 75.93 −5.17 22.68	0847 f11 72.15 −7.75 34.03	0856 g11 68.37 −10.34 45.37	0865 h11 64.59 −12.92 56.71	0874 i11 60.81 −15.51 68.05	0883 j11 57.03 −18.09 79.39	1009 k11 0.0 0.0 −0.01	1025 l11 0.0 0.0 −0.01	1041 m11 0.0 0.0 −0.01	1057 n11 0.0 0.0 −0.01
12	0245 A12 20.65 33.19 −6.52	0254 B12 25.4 21.4 0.76	0263 C12 30.17 9.61 8.06	0272 D12 35.44 −2.58 11.34	0281 E12 45.89 −12.92 21.33	0290 F12 56.34 −23.27 31.31	0299 G12 66.79 −33.61 41.3	0308 H12 77.24 −43.95 51.29	0317 I12 87.68 −54.28 61.27	0326 J12 26.96 42.8 1.54	0335 K12 31.72 16.13 8.83	0344 L12 36.48 19.42 19.41	0353 M12 41.25 22.68 22.68	0362 N12 47.02 −1.7 32.67	0371 O12 57.47 −15.51 42.66	0380 P12 67.92 −25.85 52.65	0389 Q12 78.37 −36.19 62.65	0398 R12 88.81 −46.53 62.62	0407 S12 38.12 38.03 40.63	0416 T12 42.9 42.79 28.84	0425 U12 48.06 48.06 16.9	0434 V12 53.33 33.32 24.2	0443 W12 58.6 19.58 27.48	0452 X12 64.87 5.44 30.75	0461 Y12 69.05 −9.49 34.03	0470 Z12 79.5 −28.43 44.01	0479 a12 89.94 −38.77 54.0	0812 b12 79.15 19.0 63.98	0821 c12 75.35 9.5 −25.88	0830 d12 71.57 0.0 −12.95	0839 e12 71.21 −2.58 0.01	0848 f12 70.87 −5.17 11.34	0857 g12 70.52 −7.75 22.68	0866 h12 70.18 −10.34 34.03	0875 i12 69.84 −12.92 45.37	0884 j12 69.49 −15.5 56.71	1010 k12 12.74 0.0 −0.01	1026 l12 12.74 0.0 −0.01	1042 m12 12.74 0.0 −0.01	1058 n12 12.74 0.0 −0.01
13	0246 A13 21.5 35.37 −21.89	0255 B13 26.26 23.58 −14.6	0264 C13 31.02 11.79 −7.3	0273 D13 35.79 0.0 −0.01	0282 E13 46.23 −10.34 9.98	0291 F13 56.68 −20.68 19.97	0300 G13 67.13 −31.02 29.96	0309 H13 77.59 −41.37 39.95	0318 I13 88.03 −51.71 49.92	0327 J13 27.81 44.98 −12.92	0336 K13 32.57 33.2 −6.53	0345 L13 37.33 21.4 0.76	0354 M13 42.09 9.61 8.06	0363 N13 47.36 −2.58 11.34	0372 O13 57.81 −12.92 21.33	0381 P13 68.26 −23.27 31.3	0390 Q13 78.72 −33.61 41.3	0399 R13 89.16 −43.94 51.28	0408 S13 34.12 54.59 −5.75	0417 T13 38.88 42.81 18.1	0426 U13 43.64 31.02 8.83	0435 V13 48.4 19.22 16.13	0444 W13 53.17 7.02 29.41	0453 X13 63.62 −5.17 22.68	0462 Y13 74.08 −15.51 32.67	0471 Z13 79.85 −25.85 42.66	0480 a13 90.29 −36.18 52.64	0813 b13 71.02 28.51 −38.83	0822 c13 67.23 19.01 −25.9	0831 d13 63.43 9.5 −12.95	0840 e13 59.64 0.0 0.01	0849 f13 59.29 −2.58 11.34	0858 g13 58.95 −5.17 22.68	0867 h13 58.6 −7.75 34.03	0876 i13 58.26 −10.34 45.37	0885 j13 57.91 −12.92 56.7	1011 k13 19.1 0.0 −0.01	1027 l13 19.1 0.0 −0.01	1043 m13 19.1 0.0 −0.01	1059 n13 19.1 0.0 −0.01
14	0247 A14 25.29 44.87 −34.84	0256 B14 30.05 33.09 −27.55	0265 C14 34.82 21.3 −20.25	0274 D14 39.58 9.5 −12.95	0283 E14 46.64 −5.76 −1.69	0292 F14 57.09 −16.11 8.29	0301 G14 67.54 −26.45 18.28	0310 H14 77.99 −36.79 28.27	0319 I14 88.44 −47.13 38.24	0328 J14 28.66 47.16 −29.19	0337 K14 33.42 35.38 −21.9	0346 L14 38.18 23.58 −14.6	0355 M14 42.94 11.79 −7.3	0364 N14 47.72 0.0 −0.01	0373 O14 58.16 −10.34 9.98	0382 P14 68.61 −20.68 19.97	0391 Q14 79.06 −31.02 29.96	0400 R14 89.5 −41.36 39.94	0409 S14 34.97 56.77 −21.12	0418 T14 39.73 44.99 −13.83	0427 U14 44.49 33.2 −6.53	0436 V14 49.25 21.4 0.76	0445 W14 54.02 9.61 8.06	0454 X14 59.29 −2.58 11.34	0463 Y14 69.74 −12.92 21.33	0472 Z14 80.19 −23.27 31.31	0481 a14 90.63 −33.6 41.29	0814 b14 62.89 −51.78 −25.9	0823 c14 59.1 −38.84 −12.95	0832 d14 55.3 −25.9 0.01	0841 e14 51.5 −12.95 9.98	0850 f14 47.72 0.0 −0.01	0859 g14 47.36 −2.58 11.34	0868 h14 47.02 −5.17 22.68	0877 i14 46.67 −7.75 34.03	0886 j14 46.33 −10.33 45.36	1012 k14 25.46 0.0 −0.01	1028 l14 25.46 0.0 −0.01	1044 m14 25.46 0.0 −0.01	1060 n14 25.46 0.0 −0.01
15	0248 A15 29.09 54.38 −47.79	0257 B15 33.85 42.6 −40.5	0266 C15 38.61 30.8 −33.2	0275 D15 43.38 19.01 −25.9	0284 E15 50.44 3.73 −14.64	0293 F15 57.5 −11.53 −3.38	0302 G15 67.95 −21.88 6.6	0311 H15 78.4 −32.22 16.59	0320 I15 88.84 −42.55 26.56	0329 J15 32.46 56.67 −42.14	0338 K15 37.22 44.88

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02	0001 A02 3.81 9.49 −12.93	0010 B02 10.86 −5.76 −1.69	0019 C02 21.32 −16.1 8.29	0028 D02 31.77 −26.44 18.28	0037 E02 42.22 −36.79 28.27	0046 F02 52.67 −47.13 38.25	0055 G02 63.12 −57.47 48.24	0064 H02 73.57 −67.81 58.23	0073 I02 84.01 −78.15 68.21	0082 J02 10.97 21.29 −12.95	0091 K02 17.0 9.5 −1.69	0100 L02 11.94 −5.76 8.29	0109 M02 22.38 −10.34 19.97	0118 N02 32.83 −20.68 29.96	0127 O02 43.28 −31.02 39.95	0136 P02 53.74 −41.37 49.93	0145 Q02 64.19 −51.71 59.92	0154 R02 74.64 −62.05 69.9	0163 S02 13.48 21.39 0.77	0172 T02 18.24 9.61 8.06	0181 U02 23.51 −2.58 11.34	0190 V02 33.96 −12.92 21.33	0199 W02 44.41 −23.27 31.31	0208 X02 54.87 −33.61 41.3	0217 Y02 65.32 −43.95 51.29	0226 Z02 75.77 −54.29 61.28	0235 a02 86.21 −64.63 71.26	0730 b02 94.33 −5.76 −1.69	0739 c02 83.49 0.0 −0.01	0748 d02 77.87 9.61 8.06	0757 e02 72.25 19.22 16.13	0766 f02 66.64 28.84 24.2	0775 g02 61.03 38.45 32.27	0784 h02 55.41 48.06 40.34	0793 i02 49.8 57.68 48.41	0802 j02 44.19 67.28 56.47	0973 k02 11.94 0.0 −0.01	0982 l02 11.94 0.0 −0.01	0991 m02 11.94 0.0 −0.01	1000 n02 11.94 0.0 −0.01
03	0002 A03 7.61 19.0 −25.88	0011 B03 14.66 3.74 −14.64	0020 C03 21.72 −11.53 −3.38	0029 D03 32.17 −21.87 6.6	0038 E03 42.63 −32.21 16.59	0047 F03 53.08 −42.56 26.57	0056 G03 63.53 −52.9 36.56	0065 H03 73.98 −63.24 46.55	0074 I03 84.42 −73.57 56.53	0083 J03 21.29 −20.24	0092 K03 9.5 −12.95 −1.69	0101 L03 22.79 −5.76 8.29	0110 M03 33.24 −16.11 18.28	0119 N03 43.69 −26.45 28.27	0128 O03 54.14 −36.79 38.25	0137 P03 64.59 −47.13 48.24	0146 Q03 75.05 −57.48 58.22	0155 R03 85.49 −67.81 68.21	0164 S03 14.33 23.57 −14.59	0173 T03 19.09 11.79 −7.3	0182 U03 23.87 0.0 −0.01	0191 V03 34.31 −10.34 9.98	0200 W03 44.76 −20.68 19.97	0209 X03 55.21 −31.02 29.96	0218 Y03 65.66 −41.37 39.95	0227 Z03 76.11 −51.71 49.93	0236 a03 86.55 −62.04 59.91	0731 b03 93.26 −11.53 −3.38	0740 c03 82.41 5.76 −1.69	0749 d03 71.57 0.0 −0.01	0758 e03 65.94 9.61 8.06	0767 f03 60.33 19.22 16.13	0776 g03 54.71 28.84 24.2	0785 h03 49.1 38.45 32.27	0794 i03 43.49 48.06 40.34	0803 j03 37.88 57.67 48.4	0974 k03 23.87 0.0 −0.01	0983 l03 23.87 0.0 −0.01	0992 m03 23.87 0.0 −0.01	1001 n03 23.87 0.0 −0.01
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05	0004 A05 15.2 38.02 −51.78	0013 B05 22.26 22.75 −40.54	0022 C05 29.32 7.48 −29.28	0031 D05 36.38 −7.79 −18.02	0040 E05 43.44 −23.07 −6.76	0049 F05 53.89 −33.41 2.51	0058 G05 64.34 −43.75 13.5	0067 H05 74.79 −54.09 23.19	0076 I05 85.24 −64.43 33.17	0085 J05 18.56 40.3 −46.14	0094 K05 23.32 28.52 −38.84	0103 L05 30.38 13.24 −27.59	0112 M05 37.44 −2.03 −16.33	0121 N05 51.94 −17.3 −5.07	0130 O05 64.5 −27.64 4.91	0139 P05 77.05 −37.99 14.89	0148 Q05 89.61 −48.35 24.88	0157 R05 102.16 −58.66 34.85	0166 S05 21.93 32.09 −40.49	0175 T05 26.69 30.8 −33.2	0184 U05 31.45 19.01 −25.9	0193 V05 38.51 3.73 −14.64	0202 W05 45.57 −11.53 −3.38	0211 X05 56.02 −21.88 6.6	0220 Y05 66.48 −32.22 16.59	0229 Z05 76.93 −42.56 26.57	0238 a05 87.37 −52.89 36.55	0733 b05 91.13 −23.07 −5.76	0742 c05 80.28 −17.3 −1.69	0751 d05 69.42 −11.53 2.51	0760 e05 58.56 −5.76 −0.01	0769 f05 47.72 0.0 8.06	0778 g05 42.12 9.61 16.13	0787 h05 36.48 19.22 24.2	0796 i05 30.86 28.84 32.27	0805 j05 25.25 38.45 40.33	0976 k05 47.72 0.0 −0.01	0985 l05 47.72 0.0 −0.01	0994 m05 47.72 0.0 −0.01	1003 n05 47.72 0.0 −0.01
06	0005 A06 19.0 47.52 −64.73	0014 B06 26.05 32.26 −53.49	0023 C06 33.12 16.98 −42.23	0032 D06 40.18 1.71 −30.97	0041 E06 47.24 −13.56 −19.71	0050 F06 54.3 −28.83 −8.46	0059 G06 64.75 −39.18 1.52	0068 H06 75.2 −49.52 11.51	0077 I06 85.64 −59.85 21.49	0086 J06 22.36 49.81 −59.09	0095 K06 27.12 38.03 −51.8	0104 L06 34.18 22.75 −40.54	0113 M06 41.24 7.47 −29.28	0122 N06 48.3 −7.79 −18.02	0131 O06 55.36 −23.07 −6.77	0140 P06 65.82 −33.41 3.21	0149 Q06 76.27 −43.76 13.2	0158 R06 86.71 −54.09 23.18	0167 S06 25.73 52.1 −53.44	0176 T06 30.49 40.31 −46.15	0185 U06 35.25 28.52 −38.84	0194 V06 42.31 13.24 −27.59	0203 W06 49.37 −2.03 −16.33	0212 X06 56.43 −12.36 −5.07	0221 Y06 66.88 −22.69 4.91	0230 Z06 77.33 −33.02 14.89	0239 a06 87.78 −43.36 24.87	0734 b06 90.07 −28.83 −8.46	0743 c06 79.22 −23.07 −6.77	0752 d06 68.36 −17.3 −5.07	0761 e06 57.5 −11.53 −3.38	0770 f06 46.64 −5.76 −1.69	0779 g06 35.79 0.0 −0.01	0788 h06 30.17 9.61 8.06	0797 i06 24.55 19.22 16.13	0806 j06 18.94 28.83 24.19	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
07	0006 A07 2.31 57.03 −77.68	0015 B07 29.85 41.77 −66.44	0024 C07 36.91 26.49 −55.18	0033 D07 43.97 11.22 −43.92	0042 E07 51.04 −4.05 −32.66	0051 F07 58.1 −19.33 −21.41	0060 G07 65.16 −34.6 −10.15	0069 H07 72.21 −44.95 −0.16	0078 I07 79.27 −55.28 9.81	0087 J07 16.38 59.32 −72.04	0096 K07 19.97 47.53 −64.75	0105 L07 25.04 32.26 −53.49	0114 M07 30.12 16.98 −42.23	0123 N07 35.19 1.7 −30.97	0132 O07 40.27 −13.56 −19.71	0141 P07 45.34 −28.84 −8.46	0150 Q07 50.41 −39.18 1.52	0159 R07 57.19 −49.52 11.5	0168 S07 18.52 61.6 −66.39	0177 T07 24.29 49.82 −59.1	0186 U07 30.05 38.03 −51.8	0195 V07 35.81 22.75 −40.54	0204 W07 41.57 7.47 −29.28	0213 X07 47.34 −7.79 −18.02	0222 Y07 57.1 −23.07 −6.77	0231 Z07 67.46 −33.41 3.21	0240 a07 77.74 −43.75 13.19	0735 b07 89.0 −34.6 −10.15	0744 c07 78.15 −28.84 −8.46	0753 d07 67.29 −23.07 −6.77	0762 e07 56.42 −17.3 −5.07	0771 f07 45.57 −11.53 −3.38	0780 g07 34.71 −5.76 −1.69	0789 h07 28.47 0.0 −0.01	0798 i07 22.27 9.61 8.06	0807 j07 16.07 19.21 16.13	0978 k07 71.57 0.0 −0.01	0987 l07 71.57 0.0 −0.01	0996 m07 71.57 0.0 −0.01	1005 n07 71.57 0.0 −0.01
08	0007 A08 26.59 68.54 −90.63	0016 B08 33.65 51.28 −79.39	0025 C08 40.71 36.0 −68.13	0034 D08 47.77 20.72 −56.87	0043 E08 54.83 5.45 −45.61	0052 F08 61.89 −9.82 −34.36	0061 G08 68.96 −25.1 −23.1	0070 H08 76.02 −40.37 −11.84	0079 I08 86.46 −50.71 1.86	0088 J08 29.96 41.28 −84.99	0097 K08 34.71 57.04 −77.69	0106 L08 41.78 41.76 −66.44	0115 M08 48.84 26.49 −55.18	0124 N08 55.9 11.21 −43.92	0133 O08 62.96 −4.06 −32.66	0142 P08 70.02 −19.33 −21.41	0151 Q08 77.08 −34.61 −10.15	0160 R08 87.53 −44.94 −0.17	0169 S08 33.32 71.1 −79.34	0178 T08 38.08 59.3 −72.05	0187 U08 42.84 48.22 −64.75	0196 V08 49.9 35.43 −53.49	0205 W08 56.96 22.65 −42.23	0214 X08 64.02 9.88 −30.97	0223 Y08 71.09 −1.7 −19.71	0232 Z08 78.15 −13.56 −8.46	0241 a08 88.15 −24.89 1.51	0736 b08 87.93 −40.37 −11.84	0745 c08 77.08 −34.61 −10.15	0754 d08 66.22 −28.84 −8.46	0763 e08 55.36 −23.07 −6.77	0772 f08 44.51 −17.3 −5.07	0781 g08 33.65 −11.53 −3.38	0790 h08 22.79 −5.76 −1.69	0799 i08 11.94 0.0 −0.01	0808 j08 6.32 9.6 8.06	0979 k08 83.49 0.0 −0.01	0988 l08 83.49 0.0 −0.01	0997 m08 83.49 0.0 −0.01	1006 n08 83.49 0.0 −0.01
09	0008 A09 30.39 33.19 −103.57	0017 B09 37.44 21.4 −92.43	0026 C09 44.51 9.61 −81.07	0035 D09 51.57 30.22 −68.81	0044 E09 58.63 14.95 −56.55	0053 F09 65.69 −0.32 −47.3	0062 G09 72.75 −15.6 −36.04	0071 H09 79.81 −30.87 −24.78	0080 I09 86.87 −46.14 −13.5	0089 J09 33.75 58.51 −97.93	0098 K09 38.51 45.57 −90.63	0107 L09 43.27 52.63 −79.38	0116 M09 48.03 59.69 −68.12	0125 N09 52.79 66.75 −56.86	0134 O09 57.55 73.82 −45.6	0143 P09 62.31 80.88 −34.35	0152 Q09 67.08 87.93 −23.09	0161 R09 73.84 97.0 −11.84	0170 S09 37.19 41.87 −22.88	0179 T09 40.93 46.64 −18.74	0188 U09 44.67 53.7 −6.43	0197 V09 48.41 61.76 5.76	0206 W09 52.15 70.82 17.85	0215 X09 55.9 60.76 26.48	0224 Y09 62.34 67.82 11.2	0233 Z09 74.88 −4.06 −11.15	0242 a09 81.94 −19.34 −4.46	0737 b09 86.87 −46.14 −13.5	0746 c09 76.02 −40.37 −11.84	0755 d09 65.16 −34.6 −10.15	0764 e09 54.3 −28.83 −8.46	0773 f09 43.44 −23.07 −6.77	0782 g09 32.58 −17.3 −5.07	0791 h09 21.72 −11.53 −3.38	0800 i09 10.86 −5.76 −1.69	0809 j09 0.03 0.0 −0.01	0980 k09 95.41 0.0 −0.01	0989 l09 95.41 0.0 −0.01	0998 m09 95.41 0.0 −0.01	1007 n09 95.41 0.0 −0.01
10	0243 A10 18.94 28.83 24.19	0252 B10 24.21 16.64 27.47	0261 C10 29.48 4.44 30.74	0270 D10 34.75 −7.75 34.02	0279 E10 41.02 −18.09 44.0	0288 F10 55.65 −28.43 53.99	0297 G10 66.1 −38.78 73.97	0306 H10 76.55 −49.12 83.95	0315 I10 87.0 −59.45 92.26	0324 J10 25.25 38.44 32.26	0333 K10 30.52 26.25 35.54	0342 L10 35.79 14.05 38.81	0351 M10 41.06 1.86 42.09	0360 N10 46.33 −10.33 45.36	0369 O10 56.78 −20.68 55.35	0378 P10 67.23 −31.02 65.34	0387 Q10 77.68 −41.36 75.32	0396 R10 88.13 −51.69 85.3	0405 S10 31.57 48.06 40.33	0414 T10 36.83 35.87 43.6	0423 U10 42.1 23.67 46.88	0432 V10 47.37 11.47 50.15	0441 W10 52.64 −0.72 53.43	0450 X10 57.91 −12.92 56.7	0459 Y10 68.36 −23.26 66.69	0468 Z10 78.81 −33.6 76.68	0477 a10 89.26 −43.94 86.66	0810 b10 95.41 0.0 −0.01	0819 c10 95.41 −2.58 11.33	0828 d10 94.71 −5.16 22.67	0837 e10 94.36 −7.75 34.02	0846 f10 94.02 −10.33 45.36	0855 g10 93.68 −12.92 56.7	0864 h10 93.33 −15.5 68.05	0873 i10 92.99 −18.09 79.39	0882 j10 92.65 −20.67 90.73	1008 k10 0.03 0.0 −0.01	1024 l10 0.03 0.0 −0.01	1040 m10 0.03 0.0 −0.01	1056 n10 0.03 0.0 −0.01
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12	0245 A12 20.65 33.19 −6.52	0254 B12 25.4 21.4 0.76	0263 C12 30.17 9.61 8.06	0272 D12 35.44 −2.58 11.34	0281 E12 45.89 −12.92 21.33	0290 F12 56.34 −23.27 31.31	0299 G12 66.79 −33.61 41.3	0308 H12 77.24 −43.95 51.29	0317 I12 87.68 −54.28 61.27	0326 J12 26.96 42.8 1.54	0335 K12 31.72 16.13 8.83	0344 L12 36.48 19.42 19.41	0353 M12 41.25 22.68 22.68	0362 N12 47.02 −1.7 32.67	0371 O12 57.47 −15.51 42.66	0380 P12 67.92 −25.85 52.65	0389 Q12 78.37 −36.19 62.65	0398 R12 88.81 −46.53 62.62	0407 S12 33.27 40.63 9.61	0416 T12 38.03 28.84 16.9	0425 U12 42.79 16.64 24.2	0434 V12 48.06 4.44 27.48	0443 W12 53.33 −7.75 30.75	0452 X12 58.6 −18.09 34.03	0461 Y12 69.05 −28.43 44.01	0470 Z12 79.5 −38.77 54.0	0479 a12 89.94 −49.1 63.98	0812 b12 79.15 19.0 −25.88	0821 c12 75.35 9.5 −12.95	0830 d12 71.57 0.0 −0.01	0839 e12 71.21 2.58 11.34	0848 f12 70.87 5.17 22.68	0857 g12 70.52 7.75 34.03	0866 h12 70.18 10.34 45.37	0875 i12 69.84 12.92 56.71	0884 j12 69.49 15.5 68.05	1010 k12 12.74 0.0 −0.01	1026 l12 12.74 0.0 −0.01	1042 m12 12.74 0.0 −0.01	1058 n12 12.74 0.0 −0.01
13	0246 A13 21.5 35.37 −21.89	0255 B13 26.26 23.58 −14.6	0264 C13 31.02 11.79 −7.3	0273 D13 35.79 0.0 −0.01	0282 E13 46.23 −10.34 9.98	0291 F13 56.68 −20.68 19.97	0300 G13 67.13 −31.02 29.96	0309 H13 77.59 −41.37 39.95	0318 I13 88.03 −51.71 49.92	0327 J13 27.81 44.98 −12.92	0336 K13 32.57 33.2 −6.53	0345 L13 37.33 21.4 0.76	0354 M13 42.09 9.61 8.06	0363 N13 47.36 −2.58 11.34	0372 O13 57.81 −12.92 21.33	0381 P13 68.26 −23.27 31.3	0390 Q13 78.72 −33.61 41.3	0399 R13 89.16 −43.94 51.28	0408 S13 34.12 54.59 −5.76	0417 T13 38.88 42.81 1.51	0426 U13 43.64 31.02 8.83	0435 V13 48.4 19.22 16.13	0444 W13 53.17 7.02 23.44	0453 X13 57.94 −5.17 22.68	0462 Y13 69.39 −15.51 32.67	0471 Z13 79.85 −25.85 42.66	0480 a13 90.29 −36.18 52.64	0813 b13 71.02 28.51 −38.83	0822 c13 67.23 19.01 −25.9	0831 d13 63.43 9.5 −12.95	0840 e13 59.64 0.0 −0.01	0849 f13 59.29 −2.58 11.34	0858 g13 58.94 −5.17 22.68	0867 h13 58.6 −7.75 34.03	0876 i13 58.26 −10.34 45.37	0885 j13 57.91 −12.92 56.7	1011 k13 19.1 0.0 −0.01	1027 l13 19.1 0.0 −0.01	1043 m13 19.1 0.0 −0.01	1059 n13 19.1 0.0 −0.01
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
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02	0001 A02 2.07 5.72 −7.02	0010 B02 7.12 −4.13 −5.92	0019 C02 13.17 −13.28 −0.64	0028 D02 19.23 −22.43 4.63	0037 E02 25.28 −31.58 9.9	0046 F02 31.34 −40.73 15.18	0055 G02 37.39 −49.87 20.45	0064 H02 43.45 −59.02 25.73	0073 I02 49.5 −68.16 31.0	0082 J02 5.68 10.22 −1.16	0091 K02 11.94 0.0 −0.01	0100 L02 17.99 −9.14 5.27	0109 M02 24.04 −18.29 10.55	0118 N02 30.1 −27.44 15.82	0127 O02 36.15 −36.59 21.1	0136 P02 42.21 −45.74 26.38	0145 Q02 48.26 −54.89 31.65	0154 R02 54.31 −64.03 36.92	0163 S02 11.32 19.14 8.28	0172 T02 17.37 8.92 9.44	0181 U02 23.21 −1.32 12.43	0190 V02 29.26 −10.47 17.71	0199 W02 35.32 −19.62 22.99	0208 X02 41.37 −28.77 28.26	0217 Y02 47.43 −37.92 33.54	0226 Z02 53.48 −47.06 38.82	0235 a02 59.53 −56.21 44.09	0730 b02 90.58 −4.13 −5.92	0739 c02 83.49 0.0 −0.01	0748 d02 77.2 8.92 9.44	0757 e02 70.91 17.84 18.88	0766 f02 64.63 26.76 28.32	0775 g02 58.35 35.68 37.77	0784 h02 52.06 44.6 47.21	0793 i02 45.78 53.52 56.65	0802 j02 39.5 62.44 66.08	0973 k02 11.94 0.0 −0.01	0982 l02 11.94 0.0 −0.01	0991 m02 11.94 0.0 −0.01	1000 n02 11.94 0.0 −0.01
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05	0004 A05 8.25 22.91 −28.1	0013 B05 13.05 13.29 −27.0	0022 C05 13.28 18.34 −25.9	0031 D05 23.39 3.18 −24.8	0040 E05 28.44 −6.68 −23.7	0049 F05 34.5 −16.55 −18.42	0058 G05 40.55 −25.7 −13.14	0067 H05 46.61 −34.84 −7.87	0076 I05 52.66 −43.99 −2.59	0085 J05 11.86 27.41 −22.24	0094 K05 17.19 17.19 −21.08	0103 L05 23.16 7.32 −19.98	0112 M05 28.21 −2.54 −18.88	0121 N05 33.26 −12.41 −17.77	0130 O05 39.31 −21.56 −12.5	0139 P05 45.37 −30.71 −7.22	0148 Q05 51.42 −39.86 −1.94	0157 R05 57.47 −49.0 3.32	0166 S05 15.47 31.91 −16.47	0175 T05 21.72 21.69 −15.21	0184 U05 27.97 11.46 −14.05	0193 V05 33.02 1.59 −12.95	0202 W05 38.07 −8.27 −11.85	0211 X05 44.13 −17.42 −6.57	0220 Y05 50.18 −26.57 −1.3	0229 Z05 56.24 −35.72 3.97	0238 a05 62.29 −44.86 9.24	0733 b05 76.13 −16.55 −23.7	0742 c05 69.03 −12.41 −17.77	0751 d05 61.92 −8.27 −11.85	0760 e05 54.81 −4.13 −5.92	0769 f05 47.71 0.0 −0.01	0778 g05 41.42 8.92 9.44	0787 h05 35.14 17.84 18.88	0796 i05 28.85 26.76 28.32	0805 j05 22.58 35.67 37.76	0976 k05 47.71 0.0 −0.01	0985 l05 47.71 0.0 −0.01	0994 m05 47.71 0.0 −0.01	1003 n05 47.71 0.0 −0.01
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03	0002 A03 4.13 11.45 −14.04	0011 B03 9.18 1.59 −12.94	0020 C03 14.23 −8.27 −11.84	0029 D03 20.28 −17.42 −6.57	0038 E03 26.34 −26.57 −1.29	0047 F03 32.39 −35.72 3.98	0056 G03 38.45 −44.86 9.25	0065 H03 44.5 −54.01 14.53	0074 I03 50.55 −63.15 19.8	0083 J03 7.74 13.99 −8.18	0092 K03 13.99 4.13 −7.02	0101 L03 19.04 −5.92 5.27	0110 M03 25.09 −13.28 10.55	0119 N03 31.15 −22.43 15.82	0128 O03 37.2 −31.58 21.1	0137 P03 43.26 −40.73 26.38	0146 Q03 49.31 −49.88 31.65	0155 R03 55.36 −59.02 36.92	0164 S03 11.35 25.72 8.28	0173 T03 17.6 −2.32 9.44	0182 U03 23.86 −1.16 12.43	0191 V03 29.91 0.0 17.71	0200 W03 35.96 −9.14 22.99	0209 X03 42.02 −18.29 28.26	0218 Y03 48.08 −27.44 33.54	0227 Z03 54.13 −36.59 38.82	0236 a03 60.18 −45.74 44.09	0731 b03 85.77 −5.88 −8.27	0740 c03 78.66 −4.13 −5.92	0749 d03 71.56 0.0 −0.01	0758 e03 65.27 8.92 9.44	0767 f03 58.99 17.84 18.88	0776 g03 52.7 26.76 28.32	0785 h03 46.42 35.68 37.77	0794 i03 40.14 44.6 47.21	0803 j03 33.86 53.52 56.64	0974 k03 23.86 0.0 −0.01	0983 l03 23.86 0.0 −0.01	0992 m03 23.86 0.0 −0.01	1001 n03 23.86 0.0 −0.01
04	0003 A04 6.19 17.18 −21.07	0012 B04 11.24 7.32 −19.97	0021 C04 16.29 −2.54 −18.87	0030 D04 21.34 −12.41 −17.77	0039 E04 27.39 −21.56 −12.49	0048 F04 33.45 −30.71 −7.22	0057 G04 39.5 −39.85 −1.94	0066 H04 45.56 −49.0 3.33	0075 I04 51.61 −58.14 8.6	0084 J04 9.8 3.15 −15.21	0093 K04 16.05 21.1 −14.05	0102 L04 21.1 1.59 −12.95	0111 M04 26.15 −8.27 −11.85	0120 N04 32.2 −17.42 −6.57	0129 O04 38.26 −26.57 −1.3	0138 P04 44.31 −35.72 3.97	0147 Q04 50.37 −44.87 9.25	0156 R04 56.42 −54.01 14.52	0165 S04 13.41 26.18 −9.14	0174 T04 19.66 15.96 −8.18	0183 U04 25.91 5.73 −7.02	0192 V04 32.06 −4.13 −5.92	0201 W04 38.12 −13.28 −0.65	0210 X04 43.07 −22.43 4.62	0219 Y04 49.13 −31.58 9.9	0228 Z04 55.18 −40.73 15.17	0237 a04 61.23 −49.87 20.45	0732 b04 80.95 −12.41 −17.77	0741 c04 73.85 −8.27 −11.85	0750 d04 66.74 −4.13 −5.92	0759 e04 59.64 0.0 −0.01	0768 f04 53.35 8.92 9.44	0777 g04 47.06 17.84 18.88	0786 h04 40.78 26.76 28.32	0795 i04 34.5 35.68 37.77	0804 j04 28.22 44.59 47.2	0975 k04 35.79 0.0 −0.01	0984 l04 35.79 0.0 −0.01	0993 m04 35.79 0.0 −0.01	1002 n04 35.79 0.0 −0.01
05	0004 A05 8.25 22.91 −28.1	0013 B05 13.29 13.05 −27.0	0022 C05 18.34 3.18 −25.9	0031 D05 23.39 −6.68 −24.8	0040 E05 28.44 −16.55 −23.7	0049 F05 34.5 −25.7 −18.42	0058 G05 40.55 −34.84 −13.14	0067 H05 46.61 −43.99 −7.87	0076 I05 52.66 −53.13 −2.59	0085 J05 11.86 27.41 −22.24	0094 K05 17.9 17.19 −21.08	0103 L05 23.16 7.32 −19.98	0112 M05 28.21 −2.54 −18.88	0121 N05 33.26 −12.41 −17.77	0130 O05 38.07 −21.56 −12.5	0139 P05 44.13 −30.71 −7.22	0148 Q05 50.18 −39.86 −1.94	0157 R05 56.23 −49.0 3.32	0166 S05 15.47 31.27 −16.21	0175 T05 21.72 21.69 −14.05	0184 U05 27.97 11.46 −12.95	0193 V05 33.02 1.59 −11.85	0202 W05 38.07 −8.27 −6.57	0211 X05 44.13 −17.42 −1.3	0220 Y05 50.18 −26.57 3.97	0229 Z05 56.24 −35.72 9.24	0238 a05 62.29 −44.86 15.2	0733 b05 76.13 −16.55 −23.7	0742 c05 69.03 −12.41 −17.77	0751 d05 61.92 −8.27 −11.85	0760 e05 54.81 −4.13 −5.92	0769 f05 47.71 0.0 −0.01	0778 g05 41.42 8.92 9.44	0787 h05 35.14 17.84 18.88	0796 i05 28.85 26.76 28.32	0805 j05 22.58 35.68 37.76	0976 k05 47.71 0.0 −0.01	0985 l05 47.71 0.0 −0.01	0994 m05 47.71 0.0 −0.01	1003 n05 47.71 0.0 −0.01
06	0005 A06 10.31 28.64 −35.13	0014 B06 15.35 18.78 −34.03	0023 C06 20.4 8.91 −32.93	0032 D06 25.45 −0.95 −31.82	0041 E06 30.5 −10.82 −30.72	0050 F06 35.55 −20.69 −29.62	0059 G06 41.61 −29.83 −24.35	0068 H06 47.66 −38.98 −19.07	0077 I06 53.71 −48.12 −13.8	0086 J06 13.91 33.14 −29.27	0095 K06 20.17 25.22 −28.11	0104 L06 25.22 13.05 −27.0	0113 M06 30.27 3.18 −25.9	0122 N06 35.32 −6.68 −24.8	0131 O06 40.37 −16.55 −23.7	0140 P06 46.42 −25.74 −18.42	0149 Q06 52.48 −34.85 −13.15	0158 R06 58.53 −43.99 −7.88	0167 S06 17.52 37.64 −23.4	0176 T06 23.78 27.42 −22.24	0185 U06 30.03 17.19 −21.08	0194 V06 35.08 7.32 −19.98	0203 W06 40.13 −2.54 −18.88	0212 X06 45.18 −12.41 −17.77	0221 Y06 51.24 −21.56 −12.5	0230 Z06 57.29 −30.71 −7.22	0239 a06 63.34 −39.85 −1.95	0734 b06 71.32 −20.69 −29.62	0743 c06 64.22 −16.55 −23.7	0752 d06 57.11 −12.41 −17.77	0761 e06 50.0 −8.27 −11.85	0770 f06 42.89 −4.13 −5.92	0779 g06 35.79 0.0 −0.01	0788 h06 29.5 8.92 9.44	0797 i06 23.21 17.84 18.88	0806 j06 16.93 26.76 28.31	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
07	0006 A07 12.37 34.37 −42.15	0015 B07 17.41 24.51 −41.05	0024 C07 22.46 14.64 −39.95	0033 D07 27.51 4.77 −38.85	0042 E07 32.56 −5.09 −37.75	0051 F07 37.61 −14.96 −36.65	0060 G07 42.66 −24.82 −35.55	0069 H07 47.71 −33.97 −30.27	0078 I07 52.76 −43.11 −25.0	0087 J07 19.57 38.87 −36.29	0096 K07 22.22 28.65 −35.13	0105 L07 27.27 18.78 −34.03	0114 M07 32.32 8.91 −32.93	0123 N07 37.37 −0.95 −31.83	0132 O07 42.42 −10.82 −30.73	0141 P07 47.47 −20.69 −29.63	0150 Q07 52.52 −29.84 −24.35	0159 R07 57.57 −38.98 −19.08	0168 S07 43.58 43.37 −30.43	0177 T07 33.15 33.15 −29.27	0186 U07 32.92 22.92 −28.11	0195 V07 37.97 13.05 −27.0	0204 W07 43.02 3.18 −25.9	0213 X07 48.07 −6.68 −24.8	0222 Y07 53.12 −16.55 −23.7	0231 Z07 58.17 −25.7 −18.42	0240 a07 63.22 −34.84 −13.15	0735 b07 86.71 −24.82 −35.55	0744 c07 79.61 −20.69 −29.63	0753 d07 72.52 −16.55 −23.7	0762 e07 65.43 −12.41 −17.77	0771 f07 58.37 −8.27 −11.85	0780 g07 51.08 −4.13 −5.92	0789 h07 43.96 0.0 −0.01	0798 i07 36.87 8.92 9.44	0807 j07 29.79 17.84 18.88	0978 k07 71.56 0.0 −0.01	0987 l07 71.56 0.0 −0.01	0996 m07 71.56 0.0 −0.01	1005 n07 71.56 0.0 −0.01
08	0007 A08 14.42 40.1 −49.18	0016 B08 19.47 30.24 −48.08	0025 C08 24.52 20.37 −46.98	0034 D08 29.57 10.5 −45.88	0043 E08 34.62 0.63 −44.78	0052 F08 39.67 −9.21 −43.68	0061 G08 44.72 −19.09 −42.58	0070 H08 49.77 −28.96 −41.47	0079 I08 54.82 −38.1 −36.2	0088 J08 18.03 43.32 −43.32	0097 K08 23.28 34.38 −42.16	0106 L08 28.23 24.54 −41.06	0115 M08 33.28 14.64 −39.96	0124 N08 38.33 4.7 −38.86	0133 O08 43.38 −5.09 −37.76	0142 P08 48.44 −14.96 −36.65	0151 Q08 49.53 −24.83 −35.55	0160 R08 60.63 −34.07 −30.28	0169 S08 21.64 49.1 −37.45	0178 T08 27.89 39.65 −36.29	0187 U08 34.15 29.2 −35.13	0196 V08 39.2 19.29 −34.03	0205 W08 44.25 9.35 −32.93	0214 X08 49.3 −0.95 −31.83	0223 Y08 54.35 −10.82 −30.73	0232 Z08 59.4 −20.69 −29.63	0241 a08 64.45 −29.83 −24.35	0736 b08 91.65 −28.96 −41.47	0745 c08 61.69 −24.83 −35.55	0754 d08 54.58 −20.69 −29.63	0763 e08 47.47 −16.55 −23.7	0772 f08 40.37 −12.41 −17.77	0781 g08 33.26 −8.27 −11.85	0790 h08 26.15 −4.13 −5.92	0799 i08 19.04 0.0 −0.01	0808 j08 11.94 8.92 9.43	0979 k08 83.49 0.0 −0.01	0988 l08 83.49 0.0 −0.01	0997 m08 83.49 0.0 −0.01	1006 n08 83.49 0.0 −0.01
09	0008 A09 16.48 45.83 −56.1	0017 B09 21.53 35.96 −55.0	0026 C09 26.58 26.1 −53.9	0035 D09 31.63 16.23 −52.8	0044 E09 36.68 6.36 −51.7	0053 F09 41.73 −3.5 −50.6	0062 G09 46.78 −13.37 −49.5	0071 H09 51.83 −23.24 −48.5	0080 I09 56.87 −33.1 −47.4	0089 J09 20.09 53.86 −50.34	0098 K09 26.34 40.1 −49.18	0107 L09 31.39 30.23 −48.08	0116 M09 36.44 20.36 −46.98	0125 N09 41.49 10.49 −45.88	0134 O09 46.54 0.63 −44.78	0143 P09 51.59 −9.23 −43.68	0152 Q09 56.64 −19.1 −42.57	0161 R09 61.69 −28.96 −41.47	0170 S09 23.7 54.82 −44.48	0179 T09 29.95 44.6 −43.32	0188 U09 36.21 34.37 −42.15	0197 V09 41.26 24.5 −41.05	0206 W09 46.31 14.63 −39.95	0215 X09 51.36 4.76 −38.85	0224 Y09 56.41 −5.09 −37.75	0233 Z09 61.46 −14.96 −36.65	0242 a09 66.55 −24.82 −35.55	0737 b09 56.87 −33.1 −47.4	0746 c09 49.77 −28.96 −41.47	0755 d09 42.66 −24.82 −35.55	0764 e09 35.55 −20.69 −29.63	0773 f09 28.44 −16.55 −23.7	0782 g09 21.34 −12.41 −17.77	0791 h09 14.23 −8.27 −11.84	0800 i09 7.12 −4.13 −5.92	0809 j09 0.02 0.0 −0.01	0980 k09 95.4 0.0 −0.01	0989 l09 95.4 0.0 −0.01	0998 m09 95.4 0.0 −0.01	1007 n09 95.4 0.0 −0.01
10	0243 A10 16.93 26.75 28.31	0252 B10 22.56 16.51 31.31	0261 C10 28.2 6.27 34.31	0270 D10 33.83 −3.97 37.3	0279 E10 39.49 −13.12 42.58	0288 F10 45.14 −22.27 47.85	0297 G10 50.8 −31.42 53.13	0306 H10 56.45 −40.56 58.41	0315 I10 62.1 −49.71 63.68	0324 J10 28.22 35.67 37.76	0333 K10 33.84 25.43 40.75	0342 L10 39.48 15.19 43.75	0351 M10 45.11 4.94 46.74	0360 N10 50.77 −5.29 49.74	0369 O10 56.42 −14.44 55.02	0378 P10 62.08 −23.59 60.29	0387 Q10 67.72 −32.74 65.57	0396 R10 73.37 −41.88 70.84	0405 S10 44.59 34.36 47.2	0414 T10 50.19 24.11 50.19	0423 U10 55.8 13.86 53.19	0432 V10 61.45 3.62 56.19	0441 W10 67.12 −6.62 59.18	0450 X10 72.78 −15.77 62.18	0459 Y10 78.44 −24.92 65.18	0468 Z10 84.1 −34.06 67.46	0477 a10 89.75 0.0 72.73	0810 b10 91.5 −1.32 78.0	0819 c10 85.4 −2.64 82.24	0828 d10 79.3 −3.97 86.49	0837 e10 73.2 −5.29 90.74	0846 f10 67.1 −6.62 37.3	0855 g10 60.8 92.15 49.74	0864 h10 54.7 91.5 62.18	0873 i10 48.6 −7.94 74.62	0882 j10 42.4 −9.27 87.06	1008 k10 0.02 0.0 −0.01	1024 l10 0.02 0.0 −0.01	1040 m10 0.02 0.0 −0.01	1056 n10 0.02 0.0 −0.01
11	0244 A11 23.21 28.06 17.72	0253 B11 28.25 17.84 18.88	0262 C11 33.29 7.59 24.87	0271 D11 38.34 −2.65 30.15	0280 E11 43.39 −12.71 35.43	0289 F11 48.44 −22.77 40.7	0298 G11 53.48 −32.84 45.98	0307 H11 58.53 −42.9 51.25	0316 I11 63.58 −53.05 56.51	0325 J11 38.45 −1.32 37.76	0334 K11 43.5 −11.47 40.75	0343 L11 48.55 −21.62 43.75	0352 M11 53.6 −31.77 46.74	0361 N11 58.65 −41.92 49.74	0370 O11 63.69 −52.07 55.02	0379 P11 68.74 −62.22 60.29	0388 Q11 73.79 −72.37 65.57	0397 R11 78.84 −82.52 70.84	0406 S11 54.8 45.9 47.2	0415 T11 60.44 35.68 50.19	0424 U11 66.08 25.43 53.19	0433 V11 71.73 15.19 56.19	0442 W11 77.38 4.94 59.18	0451 X11 83.03 −5.3 62.18	0460 Y11 88.68 −14.44 65.18	0469 Z11 94.33 −23.59 67.46	0478 a11 99.98 −32.73 72.73	0811 b11 85.54 5.72 78.0	0820 c11 83.49 0.0 −1.32 12.43	0829 d11 81.44 −2.65 24.87	0838 e11 79.39 −3.97 37.3	0847 f11 77.34 −5.29 49.74	0856 g11 75.29 −6.62 62.18	0865 h11 73.24 −7.94 74.62	0874 i11 71.19 −9.27 87.06	0883 j11 69.14 −10.59 99.49	1009 k11 0.0 0.0 −0.01	1025 l11 0.0 0.0 −0.01	1041 m11 0.0 0.0 −0.01	1057 n11 0.0 0.0 −0.01
12	0245 A12 16.99 23.27 7.12	0254 B12 23.24 19.15 8.28	0263 C12 29.5 15.03 9.44	0272 D12 35.13 11.19 12.43	0281 E12 40.78 7.35 17.71	0290 F12 46.42 3.5 22.99	0299 G12 52.07 −0.33 28.26	0308 H12 57.72 −4.17 33.54	0317 I12 63.36 −7.96 38.81	0326 J12 22.63 38.29 16.56	0335 K12 28.28 28.87 17.72	0344 L12 33.94 19.44 18.88	0353 M12 39.59 10.02 21.88	0362 N12 45.24 0.59 24.87	0371 O12 50.89 −8.84 30.15	0380 P12 56.54 −18.01 35.43	0389 Q12 62.18 −27.16 40.7	0398 R12 67.83 −36.29 45.97	0407 S12 47.98 47.28 26.0	0416 T12 54.22 34.52 27.16	0425 U12 60.47 24.77 28.32	0434 V12 66.71 14.52 31.32	0443 W12 72.95 4.27 34.32	0452 X12 79.19 −5.98 37.31	0461 Y12 85.43 −15.23 42.59	0470 Z12 91.67 −24.47 47.86	0479 a12 97.91 −33.71 53.14	0812 b12 78.45 −8.27 16.56	0821 c12 75.67 −6.61 29.04	0830 d12 73.61 −3.97 41.53	0839 e12 71.56 −1.32 54.02	0848 f12 69.51 1.32 66.51	0857 g12 67.46 4.0 79.0	0866 h12 65.41 6.68 91.49	0875 i12 63.36 9.35 103.98	0884 j12 61.32 12.03 116.47	1010 k12 12.73 0.0 −0.01	1026 l12 12.73 0.0 −0.01	1042 m12 12.73 0.0 −0.01	1058 n12 12.73 0.0 −0.01
13	0246 A13 17.02 30.68 −3.48	0255 B13 23.27 20.46 −2.32	0264 C13 29.52 10.23 −1.16	0273 D13 35.79 0.0 −0.01	0282 E13 41.84 −9.14 5.27	0291 F13 47.89 −18.29 10.55	0300 G13 53.95 −27.44 15.82	0309 H13 60.0 −36.59 21.1	0318 I13 66.05 −45.73 26.37	0327 J13 22.66 39.6 5.95	0336 K13 28.81 29.38 6.12	0345 L13 35.16 19.15 8.28	0354 M13 41.42 8.92 9.44	0363 N13 47.06 −1.32 12.43	0372 O13 53.71 −10.47 17.71	0381 P13 59.17 −19.62 22.99	0390 Q13 65.22 28.77 28.26	0399 R13 71.27 −37.91 33.53	0408 S13 28.3 48.52 15.4	0417 T13 34.55 38.3 16.56	0426 U13 40.81 28.07 17.72	0435 V13 47.06 17.84 18.88	0444 W13 53.3 7.59 21.88	0453 X13 59.55 −2.65 24.87	0462 Y13 65.8 −11.79 30.15	0471 Z13 70.44 −20.94 35.43	0480 a13 76.49 −30.08 40.7	0813 b13 65.8 17.18 −21.07	0822 c13 63.75 11.46 −1.32	0831 d13 61.69 5.73 −2.65	0840 e13 59.64 0.0 −3.97	0849 f13 58.98 −1.32 −5.29	0858 g13 58.33 −2.65 −6.62	0867 h13 57.68 −3.97 −7.94	0876 i13 57.03 −5.3 −9.27	0885 j13 56.39 −6.62 −10.59	1011 k13 19.09 0.0 −0.01	1027 l13 19.09 0.0 −0.01	1043 m13 19.09 0.0 −0.01	1059 n13 19.09 0.0 −0.01
14	0247 A14 19.08 36.41 −10.51	0256 B14 25.33 26.19 −9.35	0265 C14 31.58 15.96 −8.18	0274 D14 37.84 5.73 −7.02	0283 E14 42.89 −4.13 −5.92	0292 F14 48.94 −13.28 −0.65	0301 G14 55.0 −22.43 4.62	0310 H14 61.05 −31.58 9.9	0319 I14 67.1 −40.72 15.17	0328 J14 22.69 40.91 −3.48	0337 K14 28.94 30.69 −2.32	0346 L14 35.19 20.46 −1.16	0355 M14 41.45 10.23 −0.01	0364 N14 47.71 0.0 5.27	0373 O14 53.76 −9.14 10.55	0382 P14 59.82 −18.29 15.82	0391 Q14 65.87 −27.44 21.1	0400 R14 71.92 −36.58 26.37	0409 S14 28.33 49.83 4.79	0418 T14 34.58 39.61 5.95	0427 U14 40.83 29.38 7.12	0436 V14 47.09 19.15 8.28	0445 W14 53.35 8.92 9.44	0454 X14 59.58 −1.32 12.43	0463 Y14 65.84 −10.47 17.71	0472 Z14 71.09 −19.62 22.99	0481 a14 77.14 −28.76 28.26	0814 b14 55.94 22.91 −28.1	0823 c14 53.88 17.19 −21.08	0832 d14 51.82 11.46 −14.05	0841 e14 49.76 5.73 −7.02	0850 f14 47.71 0.0 −0.01	0859 g14 46.41 −1.32 −2.65	0868 h14 45.76 −2.65 −3.97	0877 i14 45.11 −3.97 −5.29	0886 j14 44.46 −5.29 −6.62	1012 k14 25.45 0.0 −0.01	1028 l14 25.45 0.0 −0.01	1044 m14 25.45 0.0 −0.01	1060 n14 25.45 0.0 −0.01
15	0248 A15 22.57 42.14 −17.53	0257 B15 28.62 27.39 −16.37	0266 C15 34.68 21.69 −15.21	0275 D15 40.74 11.46 −14.05	0284 E15 46.79 1.59 −12.95	0293 F15 52.85 −8.27 −11.85	0302 G15 58.9 −17.42 −6.57	0311 H15 64.95 −26.57 −1.3	0320 I15 71.0 −35.71 3.97	0329 J15 28.14 46.64 −11.67	0338 K15 34.17 36.42 −10.51	0347 L15 40.21 26.19 −9.35	0356 M15 46.25 15.96 −8.18	0365 N15 52.29 5.73 −7.02	0374 O15 58.34 −4.13 −5.92	0383 P15 64.38 −13.28 −0.65	0392 Q15 70.42 −22.43 4.62	0401 R15 76.47 −31.57 9.89	0410 S15 36.35 51.14 −5.8	0419 T15 42.59 40.92 −4.64	0428 U15 48.83 30.69 −3.48	0437 V15 55.08 20.46 −2.32	0446 W15 61.32 10.23 −1.16	0455 X15 67.57 0.0 −0.01	0464 Y15 73.81 −9.14 5.27	0473 Z15 77.79 −18.29 10.55	0482 a15 82.84 −27.44 15.82	0815 b15 74.07 28.64 −35.13	0824 c15 71.74 22.92 −28.11	0833 d15 69.41 17.19 −21.08	0842 e15 67.08 11.46 −14.05	0851 f15 64.75 5.73 −7.02	0860 g15 63.46 0.0 −0.01	0869 h15 62.17 −1.32 −2.65	0878 i15 60.88 −2.65 −3.97	0887 j15 59.59 −3.97 −5.29	1013 k15 31.81 0.0 −0.01	1029 l15 31.81 0.0 −0.01	1045 m15 31.81 0.0 −0.01	1061 n15 31.81 0.0 −0.01
16	0249 A16 25.25 53.86 −31.59	0258 B16 31.5 43.38 −30.43	0267 C16 37.75 33.15 −29.27	0276 D16 44.02 22.92 −28.11	0285 E16 49.07 13.05 −27.0	0294 F16 55.12 3.18 −25.9	0303 G16 61.17 −6.68 −24.8	0312 H16 67.22 −16.55 −23.7	0321 I16 73.27 −26.42 −18.42	0330 J16 34.48 57.32 −25.72	0339 K16 40.53 47.88 −24.56	0348 L16 46.58 37.65 −23.4	0357 M16 52.63 27.42 −22.24	0366 N16 58.68 17.19 −21.08	0375 O16 64.73 7.32 −19.98	0384 P16 70.78 −2.54 −18.88	0393 Q16 76.83 −12.41 −17.77	0402 R16 82.88 −22.27 −16.67	0411 S16 43.6 62.8 −12.83	0420 T16 49.85 52.38 −11.67	0429 U16 56.09 42.65 −10.51	0438 V16 62.34 32.42 −9.35	0447 W16 68.59 22.19 −8.18	0456 X16 74.83 11.96 −7.02	0465 Y16 81.08 1.73 −5.92	0474 Z16 87.33 −8.5 −4.62	0483 a16 93.58 −18.73 −3.48	0816 b16 73.21 36.21 −42.15	0825 c16 71.7 30.49 −35.13	0834 d16 70.19 24.77 −28.11	0843 e16 68.68 19.04 −21.08	0852 f16 67.17 13.32 −14.05	0861 g16 65.66 7.59 −7.02	0870 h16 64.15 1.86 −0.01	0879 i16 62.64 −3.86 1.73	0888 j16 61.13 −9.59 12.42	1014 k16 38.17 0.0 −0.01	1030 l16 38.17 0.0 −0.01	1046 m16 38.17 0.0 −0.01	1062 n16 38.17 0.0 −0.01
17	0250 A17 29.59 61.32 −38.61	0259 B17 35.8 51.85 −37.45	0268 C17 42.01 42.52 −36.29	0277 D17 48.27 33.15 −35.13	0286 E17 54.32 23.78 −33.97	0295 F17 60.37 14.41 −32.81	0304 G17 66.42 5.04 −31.65	0313 H17 72.47 −4.33 −30.47	0322 I17 78.52 −13.66 −29.31	0331 J17 40.67 68.38 −28.15	0340 K17 46.72 59.01 −26.99	0349 L17 52.77 49.63 −25.82	0358 M17 58.83 40.26 −24.66	0367 N17 64.88 30.89 −23.5	0376 O17 70.93 21.52 −22.34	0385 P17 76.98 12.15 −21.18	0394 Q17 83.03 2.78 −20.02	0403 R17 89.08 −6.55 −18.86	0412 S17 47.8 74.93 −19.86	0421 T17 54.05 64.66 −18.7	0430 U17 60.29 54.38 −17.53	0439 V17 66.54 44.15 −16.37	0448 W17 72.79 33.92 −15.21	0457 X17 79.04 23.69 −14.05	0466 Y17 85.28 13.46 −12.95	0475 Z17 91.53 3.23 −11.85	0484 a17 97.78 −6.8 −6.58	0817 b17 76.4 40.78 −49.18	0826 c17 74.38 35.06 −42.15	0835 d17 72.35 29.34 −35.13	0844 e17 70.32 23.62 −28.11	0853 f17 68.29 17.89 −21.08	0862 g17 66.26 12.17 −14.05	0871 h17 64.23 6.44 −7.02	0880 i17 62.19 0.72 −0.01	0889 j17 60.16 −5.01 1.73	1015 k17 44.53 0.0 −0.01	1031 l17 44.53 0.0 −0.01	1047 m17 44.53 0.0 −0.01	1063 n17 44.53 0.0 −0.01
18	0251 A18 27.31 59.33 −38.61	0260 B18 33.56 49.1 −37.45	0269 C18 39.82 38.87 −36.29	0278 D18 46.07 28.64 −35.13	0287 E18 52.31 18.77 −33.97	0296 F18 58.56 8.9 −32.81	0305 G18 64.81 −0.96 −31.65	0314 H18 71.06 −10.82 −30.47	0323 I18 77.31 −20.69 −29.31	0332 J18 40.86 73.83 −27.45	0341 K18 47.11 63.46 −26.29	0350 L18 53.36 53.03 −25.12	0359 M18 59.61 42.6 −23.96	0368 N18 65.86 32.17 −22.8	0377 O18 72.11 21.74 −21.64	0386 P18 78.36 11.31 −20.48	0395 Q18 84.61 0.88 −19.32	0404 R18 90.86 −9.55 −18.16	0413 S18 53.4 83.98 −26.88	0422 T18 59.65 74.71 −25.72	0431 U18 65.9 65.48 −24.56	0440 V18 72.15 56.25 −23.39	0449 W18 78.4 47.02 −22.23	0458 X18 84.65 37.79 −21.07	0467 Y18 90.9 28.56 −19.97	0476 Z18 97.15 19.33 −18.81	0485 a18 103.4 10.1 −17.77	0818 b18 79.5 50.85 −56.2	0827 c18 78.0 44.42 −49.18	0836 d18 76.5 38.0 −42.15	0845 e18 75.0 31.57 −35.13	0854 f18 73.5 25.14 −28.11	0863 g18 72.0 18.71 −21.08	0872 h18 70.5 12.28 −14.05	0881 i18 69.0 5.85 −7.02	0890 j18 67.5 −0.59 1.73	1016 k18 50.89 0.0 −0.01	1032 l18 50.89 0.0 −0.01	1048 m18 50.89 0.0 −0.01	1064 n18 50.89 0.0 −0.01
19	0486 A19 33.86 53.52 −56.64	0495 B19 39.49 43.28 59.64	0504 C19 45.12 33.03 62.63	0513 D19 50.76 22.78 65.63	0522 E19 56.39 12.54 68.63	0531 F19 62.03 2.29 71.62	0540 G19 67.66 −7.94 74.62	0549 H19 73.29 −17.19 79.89	0558 I19 78.93 −26.23 85.17	0

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02	0001 A02 2.07 5.72 −7.02	0010 B02 7.12 −4.13 −5.92	0019 C02 13.17 −13.28 −0.64	0028 D02 19.23 −22.43 4.63	0037 E02 25.28 −31.58 9.9	0046 F02 31.34 −40.73 15.18	0055 G02 37.39 −49.87 20.45	0064 H02 43.45 −59.02 25.73	0073 I02 49.5 −68.16 31.0	0082 J02 5.68 10.22 −1.16	0091 K02 11.94 0.0 −0.01	0100 L02 17.99 −9.14 5.27	0109 M02 24.04 −18.29 10.55	0118 N02 30.1 −27.44 15.82	0127 O02 36.15 −36.59 21.1	0136 P02 42.21 −45.74 26.38	0145 Q02 48.26 −54.89 31.65	0154 R02 54.31 −64.03 36.92	0163 S02 11.32 19.14 8.28	0172 T02 17.37 8.92 9.44	0181 U02 23.21 −1.32 12.43	0190 V02 29.26 −10.47 17.71	0199 W02 35.32 −19.62 22.99	0208 X02 41.37 −28.77 28.26	0217 Y02 47.43 −37.92 33.54	0226 Z02 53.48 −47.06 38.82	0235 a02 59.53 −56.21 44.09	0730 b02 90.58 −4.13 −5.92	0739 c02 83.49 0.0 −0.01	0748 d02 77.2 8.92 9.44	0757 e02 70.91 17.84 18.88	0766 f02 64.63 26.76 28.32	0775 g02 58.35 35.68 37.77	0784 h02 52.06 44.6 47.21	0793 i02 45.78 53.52 56.65	0802 j02 39.5 62.44 66.08	0973 k02 11.94 0.0 −0.01	0982 l02 11.94 0.0 −0.01	0991 m02 11.94 0.0 −0.01	1000 n02 11.94 0.0 −0.01
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04	0003 A04 6.19 17.18 −21.07	0012 B04 11.24 7.32 −19.97	0021 C04 16.29 −2.54 −18.87	0030 D04 21.34 −12.41 −17.77	0039 E04 27.39 −21.56 −12.49	0048 F04 33.45 −30.71 −7.22	0057 G04 39.5 −39.85 −1.94	0066 H04 45.56 −49.0 3.33	0075 I04 51.61 −58.14 8.6	0084 J04 9.8 11.68 −15.21	0093 K04 16.05 1.46 −14.05	0102 L04 21.1 1.59 −12.95	0111 M04 26.15 −8.27 −11.85	0120 N04 32.2 −17.42 −6.57	0129 O04 38.26 −26.57 −1.3	0138 P04 44.31 −35.72 3.97	0147 Q04 50.37 −44.87 9.25	0156 R04 56.42 −54.01 14.52	0165 S04 13.41 26.18 −9.34	0174 T04 19.66 15.96 −8.18	0183 U04 25.71 5.75 −7.02	0192 V04 31.76 −4.13 −5.92	0201 W04 37.82 −13.28 −0.65	0210 X04 43.07 −22.43 4.62	0219 Y04 49.13 −31.58 9.9	0228 Z04 55.18 −40.73 15.17	0237 a04 61.23 −49.87 20.45	0732 b04 80.95 −19.1 −17.77	0741 c04 73.85 −12.41 −11.85	0750 d04 66.74 −5.62 −5.92	0759 e04 59.64 0.0 −0.01	0768 f04 53.35 8.92 9.44	0777 g04 47.06 17.84 18.88	0786 h04 40.78 26.76 28.32	0795 i04 34.5 35.68 37.77	0804 j04 28.22 44.59 47.2	0975 k04 35.79 0.0 −0.01	0984 l04 35.79 0.0 −0.01	0993 m04 35.79 0.0 −0.01	1002 n04 35.79 0.0 −0.01
05	0004 A05 8.25 22.91 −28.1	0013 B05 13.29 13.05 −27.0	0022 C05 18.34 3.18 −25.9	0031 D05 23.39 −6.68 −24.8	0040 E05 28.44 −16.55 −23.7	0049 F05 34.5 −25.7 −18.42	0058 G05 40.55 −34.84 −13.14	0067 H05 46.61 −43.99 −7.87	0076 I05 52.66 −53.13 −2.59	0085 J05 11.86 27.41 −22.24	0094 K05 17.19 17.19 −21.08	0103 L05 22.24 7.32 −19.98	0112 M05 27.29 −2.54 −18.88	0121 N05 33.26 −12.41 −17.77	0130 O05 39.31 −21.56 −12.5	0139 P05 45.37 −30.71 −7.22	0148 Q05 51.42 −39.86 −1.94	0157 R05 57.47 −49.0 3.32	0166 S05 15.47 31.91 −16.47	0175 T05 21.72 21.69 −15.21	0184 U05 27.77 11.46 −14.05	0193 V05 33.02 1.59 −12.95	0202 W05 38.07 −8.27 −11.85	0211 X05 44.13 −17.42 −6.57	0220 Y05 50.18 −26.57 −1.3	0229 Z05 56.24 −35.72 3.97	0238 a05 62.29 −44.86 9.24	0733 b05 76.13 −16.55 −23.7	0742 c05 69.03 −12.41 −17.77	0751 d05 61.92 −8.27 −11.85	0760 e05 54.81 −4.13 −5.92	0769 f05 47.71 0.0 −0.01	0778 g05 41.42 8.92 9.44	0787 h05 35.14 17.84 18.88	0796 i05 28.85 26.76 28.32	0805 j05 22.58 35.67 37.76	0976 k05 47.71 0.0 −0.01	0985 l05 47.71 0.0 −0.01	0994 m05 47.71 0.0 −0.01	1003 n05 47.71 0.0 −0.01
06	0005 A06 10.31 28.64 −35.13	0014 B06 15.35 18.78 −34.03	0023 C06 20.4 8.91 −32.93	0032 D06 25.45 −0.95 −31.82	0041 E06 30.5 −10.82 −30.72	0050 F06 35.55 −20.69 −29.62	0059 G06 41.61 −29.83 −24.35	0068 H06 47.66 −38.98 −19.07	0077 I06 53.71 −48.12 −13.8	0086 J06 13.91 −29.27	0095 K06 20.17 −28.11	0104 L06 25.22 −27.0	0113 M06 30.27 −25.9	0122 N06 35.32 −24.8	0131 O06 40.37 −23.7	0140 P06 46.42 −18.42	0149 Q06 52.48 −13.15	0158 R06 58.53 −7.88	0167 S06 17.52 −23.4	0176 T06 23.78 −22.24	0185 U06 30.03 −21.08	0194 V06 35.08 −19.98	0203 W06 40.13 −28.88	0212 X06 45.18 −17.77	0221 Y06 51.24 −12.5	0230 Z06 57.29 −7.22	0239 a06 63.34 −1.95	0734 b06 71.32 −20.69 −29.62	0743 c06 64.22 −16.55 −23.7	0752 d06 57.11 −12.41 −17.77	0761 e06 50.0 −8.27 −11.85	0770 f06 42.89 −4.13 −5.92	0779 g06 35.79 0.0 −0.01	0788 h06 29.5 8.92 9.44	0797 i06 23.21 17.84 18.88	0806 j06 16.93 26.75 28.31	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
07	0006 A07 17.41 34.37 −42.15	0015 B07 21.47 24.51 −41.05	0024 C07 22.46 14.64 −39.95	0033 D07 27.51 4.77 −38.85	0042 E07 32.56 −5.09 −37.75	0051 F07 37.61 −14.96 −36.65	0060 G07 42.66 −24.82 −35.55	0069 H07 47.71 −33.97 −30.27	0078 I07 52.76 −43.11 −25.0	0087 J07 17.97 38.87 −36.29	0096 K07 22.22 28.65 −35.13	0105 L07 27.27 18.78 −34.03	0114 M07 32.32 8.91 −32.93	0123 N07 37.37 −0.95 −31.83	0132 O07 42.42 −10.82 −30.73	0141 P07 47.47 −20.69 −29.63	0150 Q07 52.52 −29.84 −24.35	0159 R07 57.57 −38.98 −19.08	0168 S07 43.58 43.37 −30.43	0177 T07 23.83 33.15 −29.27	0186 U07 32.08 22.92 −28.11	0195 V07 37.12 13.05 −27.0	0204 W07 42.17 3.18 −25.9	0213 X07 47.22 −6.68 −24.8	0222 Y07 52.27 −16.55 −23.7	0231 Z07 58.32 −25.7 −18.42	0240 a07 64.37 −34.84 −13.15	0735 b07 66.5 −24.82 −35.55	0744 c07 59.4 −20.69 −29.63	0753 d07 52.29 −16.55 −23.7	0762 e07 45.18 −12.41 −17.77	0771 f07 38.07 −8.27 −11.85	0780 g07 30.96 −4.13 −5.92	0789 h07 23.86 0.0 −0.01	0798 i07 17.57 8.92 9.44	0807 j07 11.29 17.83 18.87	0978 k07 71.56 0.0 −0.01	0987 l07 71.56 0.0 −0.01	0996 m07 71.56 0.0 −0.01	1005 n07 71.56 0.0 −0.01
08	0007 A08 14.42 40.1 −49.18	0016 B08 19.47 30.24 −48.08	0025 C08 24.52 20.37 −46.98	0034 D08 29.57 10.5 −45.88	0043 E08 34.62 6.3 −44.78	0052 F08 39.67 −2.9 −43.68	0061 G08 44.72 −12.29 −42.58	0070 H08 49.77 −21.65 −41.47	0079 I08 55.82 −30.8 −36.2	0088 J08 18.03 44.8 −43.32	0097 K08 24.28 34.38 −42.16	0106 L08 29.33 24.51 −41.06	0115 M08 34.38 14.64 −39.96	0124 N08 39.43 4.7 −38.86	0133 O08 44.48 −5.09 −37.76	0142 P08 49.53 −14.96 −36.65	0151 Q08 54.58 −24.83 −35.55	0160 R08 60.63 −33.97 −30.28	0169 S08 21.64 −37.45	0178 T08 27.89 −36.29	0187 U08 34.15 −35.13	0196 V08 39.2 −34.03	0205 W08 44.25 −32.93	0214 X08 49.3 −31.83	0223 Y08 54.35 −30.73	0232 Z08 59.4 −29.63	0241 a08 65.45 −24.35	0736 b08 61.69 −41.47	0745 c08 54.58 −35.55	0754 d08 47.47 −29.63	0763 e08 40.37 −23.7	0772 f08 33.26 −17.77	0781 g08 26.15 −11.85	0790 h08 19.04 −5.92	0799 i08 11.94 −0.01	0808 j08 5.65 9.43	0979 k08 83.49 0.0 −0.01	0988 l08 83.49 0.0 −0.01	0997 m08 83.49 0.0 −0.01	1006 n08 83.49 0.0 −0.01
09	0008 A09 16.48 45.83 −56.1	0017 B09 21.53 35.96 −55.0	0026 C09 26.58 26.1 −52.9	0035 D09 31.63 16.23 −51.8	0044 E09 36.68 6.36 −50.7	0053 F09 41.73 −3.5 −49.6	0062 G09 46.78 −13.37 −48.5	0071 H09 51.83 −23.24 −47.4	0080 I09 56.87 −33.1 −39.8	0089 J09 20.09 32.01 −50.34	0098 K09 26.34 40.1 −49.18	0107 L09 31.39 30.23 −48.08	0116 M09 36.44 20.36 −46.98	0125 N09 41.49 10.49 −45.88	0134 O09 46.54 0.63 −44.78	0143 P09 51.59 −9.23 −43.68	0152 Q09 56.64 −19.1 −42.57	0161 R09 61.69 −28.96 −41.47	0170 S09 23.7 54.82 −44.48	0179 T09 29.95 44.6 −43.32	0188 U09 36.21 34.37 −42.15	0197 V09 41.26 24.5 −41.05	0206 W09 46.31 14.63 −39.95	0215 X09 51.36 4.76 −38.85	0224 Y09 56.41 −5.09 −37.75	0233 Z09 61.46 −14.96 −36.65	0242 a09 66.5 −24.82 −35.55	0737 b09 56.87 −33.1 −47.4	0746 c09 49.77 −28.96 −41.47	0755 d09 42.66 −24.82 −35.55	0764 e09 35.55 −20.69 −29.63	0773 f09 28.44 −16.55 −23.7	0782 g09 21.34 −12.41 −17.77	0791 h09 14.23 −8.27 −11.84	0800 i09 7.12 −4.13 −5.92	0809 j09 0.02 0.0 −0.01	0980 k09 95.4 0.0 −0.01	0989 l09 95.4 0.0 −0.01	0998 m09 95.4 0.0 −0.01	1007 n09 95.4 0.0 −0.01
10	0243 A10 16.93 26.75 28.31	0252 B10 22.56 16.51 31.31	0261 C10 28.2 6.27 34.31	0270 D10 33.83 −3.97 37.3	0279 E10 39.49 −13.12 42.58	0288 F10 45.14 −22.27 47.85	0297 G10 50.8 −31.42 53.13	0306 H10 56.45 −40.56 58.41	0315 I10 62.1 −49.71 63.68	0324 J10 22.58 35.67 37.76	0333 K10 28.21 25.43 40.75	0342 L10 33.84 15.19 43.75	0351 M10 39.48 4.94 46.74	0360 N10 45.11 −5.29 49.74	0369 O10 51.17 −14.44 55.02	0378 P10 57.22 −23.59 60.29	0387 Q10 63.28 −32.74 65.57	0396 R10 69.33 −41.88 70.84	0405 S10 28.22 44.59 47.2	0414 T10 33.85 34.36 50.19	0423 U10 39.48 24.11 53.19	0432 V10 45.12 13.86 56.19	0441 W10 50.75 3.62 59.18	0450 X10 56.39 −6.62 62.18	0459 Y10 62.44 −15.77 67.46	0468 Z10 68.5 −24.92 72.73	0477 a10 74.55 −34.06 78.0	0810 b10 95.4 0.0 −0.01	0819 c10 94.75 −1.32 12.42	0828 d10 94.1 −2.64 24.86	0837 e10 93.45 −3.97 37.3	0846 f10 92.8 −5.29 49.74	0855 g10 92.15 −6.62 62.18	0864 h10 91.5 −7.94 74.62	0873 i10 90.85 −9.27 87.06	0882 j10 90.21 −10.59 99.49	1008 k10 0.02 0.0 −0.01	1024 l10 0.02 0.0 −0.01	1040 m10 0.02 0.0 −0.01	1056 n10 0.02 0.0 −0.01
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12	0245 A12 16.99 29.37 7.12	0254 B12 23.24 19.15 8.28	0263 C12 29.5 8.92 9.44	0272 D12 35.13 −1.32 12.43	0281 E12 41.19 −10.47 17.71	0290 F12 47.24 −19.62 22.99	0299 G12 53.3 −28.77 28.26	0308 H12 59.35 −37.92 33.54	0317 I12 65.4 −47.06 38.81	0326 J12 22.63 38.29 16.56	0335 K12 28.88 28.07 17.72	0344 L12 35.14 17.84 18.88	0353 M12 40.77 7.59 21.88	0362 N12 46.41 −2.65 24.87	0371 O12 52.46 −11.79 30.15	0380 P12 58.52 −20.94 35.43	0389 Q12 64.57 −30.09 40.7	0398 R12 70.62 −39.23 45.97	0407 S12 28.27 47.26 26.0	0416 T12 34.52 36.99 27.16	0425 U12 40.78 26.76 28.32	0434 V12 46.41 16.53 31.32	0443 W12 52.05 6.29 34.32	0452 X12 57.68 −3.97 37.31	0461 Y12 63.74 −13.12 42.59	0470 Z12 69.79 −22.27 47.86	0479 a12 75.84 −31.41 53.14	0812 b12 75.67 11.45 −14.04	0821 c12 73.61 5.73 −7.02	0830 d12 71.56 0.0 −0.01	0839 e12 70.91 −1.32 12.43	0848 f12 70.26 −2.65 24.87	0857 g12 69.61 −3.97 37.31	0866 h12 68.96 −5.3 49.75	0875 i12 68.31 −6.62 62.19	0884 j12 67.66 −7.94 74.62	1010 k12 12.73 0.0 −0.01	1026 l12 12.73 0.0 −0.01	1042 m12 12.73 0.0 −0.01	1058 n12 12.73 0.0 −0.01
13	0246 A13 17.02 30.68 −3.48	0255 B13 23.27 20.46 −2.32	0264 C13 29.52 10.23 −1.16	0273 D13 35.79 0.0 −0.01	0282 E13 41.84 −9.14 5.27	0291 F13 47.89 −18.29 10.55	0300 G13 53.95 −27.44 15.82	0309 H13 60.0 −36.59 21.1	0318 I13 66.05 −45.73 26.37	0327 J13 22.66 39.6 5.95	0336 K13 28.91 29.38 8.28	0345 L13 35.16 19.15 9.44	0354 M13 41.42 8.92 12.43	0363 N13 47.06 −1.32 17.71	0372 O13 53.11 −10.47 22.99	0381 P13 59.17 −19.62 28.26	0390 Q13 65.22 −28.77 33.54	0399 R13 71.27 −37.91 38.81	0408 S13 28.3 48.52 15.4	0417 T13 34.55 38.3 16.56	0426 U13 40.81 28.07 17.72	0435 V13 46.45 17.24 18.88	0444 W13 52.1 7.59 21.88	0453 X13 58.33 −2.65 24.87	0462 Y13 64.39 −11.79 30.15	0471 Z13 70.44 −20.94 35.43	0480 a13 76.49 −30.08 40.7	0813 b13 65.8 17.18 −21.07	0822 c13 63.75 11.46 −14.05	0831 d13 61.69 5.73 −7.02	0840 e13 59.64 0.0 −0.01	0849 f13 58.98 −1.32 12.43	0858 g13 58.33 −2.65 24.87	0867 h13 57.68 −3.97 37.31	0876 i13 57.03 −5.3 49.75	0885 j13 56.39 −6.62 62.18	1011 k13 19.09 0.0 −0.01	1027 l13 19.09 0.0 −0.01	1043 m13 19.09 0.0 −0.01	1059 n13 19.09 0.0 −0.01
14	0247 A14 19.08 36.41 −10.51	0256 B14 25.33 26.19 −9.35	0265 C14 31.58 15.96 −8.18	0274 D14 37.84 5.73 −7.02	0283 E14 42.89 −4.13 −5.92	0292 F14 48.94 −13.28 −0.65	0301 G14 55.0 −22.43 4.62	0310 H14 61.05 −31.58 9.9	0319 I14 67.1 −40.72 15.17	0328 J14 22.69 46.94 −3.48	0337 K14 28.94 35.19 −2.32	0346 L14 35.19 19.45 −1.16	0355 M14 41.45 10.23 −0.01	0364 N14 47.71 0.0 5.27	0373 O14 53.76 −9.14 10.55	0382 P14 59.82 −18.29 15.82	0391 Q14 65.87 −27.44 21.1	0400 R14 71.92 −36.58 26.37	0409 S14 28.33 49.83 4.79	0418 T14 34.58 39.63 5.95	0427 U14 40.83 29.38 7.12	0436 V14 47.09 19.15 8.28	0445 W14 53.35 9.42 9.44	0454 X14 58.98 −1.32 12.43	0463 Y14 65.04 −10.47 17.71	0472 Z14 71.09 −19.62 22.99	0481 a14 77.14 −28.76 28.26	0814 b14 55.94 22.91 −28.1	0823 c14 53.88 17.19 −21.08	0832 d14 51.82 11.46 −14.05	0841 e14 49.76 5.73 −7.02	0850 f14 47.71 0.0 −0.01	0859 g14 47.06 −1.32 12.43	0868 h14 46.41 −2.65 24.87	0877 i14 45.76 −3.97 37.31	0886 j14 45.11 −5.29 49.74	1012 k14 25.45 0.0 −0.01	1028 l14 25.45 0.0 −0.01	1044 m14 25.45 0.0 −0.01	1060 n14 25.45 0.0 −0.01
15	0248 A15 23.13 42.14 −17.53	0257 B15 27.39 31.92 −16.37	0266 C15 31.64 21.69 −15.21	0275 D15 35.9 11.46 −14.05	0284 E15 40.15 1.59 −12.95	0293 F15 44.45 −8.27 −11.85	0302 G15 48.76 −17.42 −6.57	0311 H15 53.06 −26.57 −1.3	0320 I15 57.36 −35.71 3.97	0329 J15 23.74 46.64 −11.67	0338 K15 29.17 36.42 −10.51	0347 L15 34.59 26.19 −9.35	0356 M15 40.01 15.96 −8.18	0365 N15 45.43 5.73 −7.02	0374 O15 50.85 −4.13 −5.92	0383 P15 56.27 −13.28 −0.65	0392 Q15 61.69 −22.43 4.62	0401 R15 67.12 −31.57 9.89	0410 S15 28.35 51.14 −5.8	0419

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
01	0000 A01 0.02 0.0 −0.01	0009 B01 6.06 −9.14 5.27	0018 C01 12.12 −18.29 10.54	0027 D01 18.17 −27.43 15.82	0036 E01 24.23 −36.58 21.1	0045 F01 30.28 −45.73 26.37	0054 G01 36.34 −54.88 31.65	0063 H01 42.39 −64.03 36.92	0072 I01 48.44 −73.17 42.2	0081 J01 5.65 8.91 9.43	0090 K01 11.28 −1.32 12.42	0099 L01 17.34 −10.47 17.7	0108 M01 23.39 −19.62 22.98	0117 N01 29.45 −28.77 28.25	0126 O01 35.5 −37.91 33.53	0135 P01 41.56 −47.06 38.81	0144 Q01 47.61 −56.21 44.08	0153 R01 53.66 −65.35 49.35	0162 S01 11.29 17.83 18.87	0171 T01 16.92 7.59 11.87	0180 U01 22.56 −2.64 24.86	0189 V01 28.61 −11.79 30.14	0198 W01 34.67 −20.94 35.42	0207 X01 40.72 −30.09 40.69	0216 Y01 46.78 −39.24 45.97	0225 Z01 52.83 −48.39 51.24	0234 a01 58.88 −57.53 56.52	0729 b01 95.4 0.0 −0.01	0738 c01 89.12 0.0 0.43	0747 d01 82.83 17.83 18.87	0756 e01 76.55 26.75 28.31	0765 f01 70.27 35.67 37.76	0774 g01 63.98 44.59 47.2	0783 h01 57.7 53.52 56.64	0792 i01 51.41 62.44 66.08	0801 j01 45.14 71.35 75.52	0902 k01 0.02 0.0 −0.01	0911 l01 0.02 0.0 −0.01	0920 m01 0.02 0.0 −0.01	0999 n01 0.02 0.0 −0.01
02	0001 A02 2.07 5.72 −7.02	0010 B02 7.12 −4.13 −5.92	0019 C02 13.17 −13.28 −0.64	0028 D02 19.23 −22.43 4.63	0037 E02 25.28 −31.58 9.9	0046 F02 31.34 −40.73 15.18	0055 G02 37.39 −49.87 20.45	0064 H02 43.45 −59.02 25.73	0073 I02 49.5 −68.16 31.0	0082 J02 5.68 10.22 −1.16	0091 K02 11.94 0.0 −0.01	0100 L02 17.99 −9.14 5.27	0109 M02 24.04 −18.29 10.55	0118 N02 30.1 −27.44 15.82	0127 O02 36.15 −36.59 21.1	0136 P02 42.21 −45.74 26.38	0145 Q02 48.26 −54.89 31.65	0154 R02 54.31 −64.03 36.92	0163 S02 11.32 19.14 8.28	0172 T02 17.37 8.92 9.44	0181 U02 23.21 −1.32 12.43	0190 V02 29.26 −10.47 17.71	0199 W02 35.32 −19.62 22.99	0208 X02 41.37 −28.77 28.26	0217 Y02 47.43 −37.92 33.54	0226 Z02 53.48 −47.06 38.82	0235 a02 59.53 −56.21 44.09	0730 b02 90.58 −4.13 −5.92	0739 c02 83.49 0.0 −0.01	0748 d02 77.2 8.92 9.44	0757 e02 70.91 17.84 18.88	0766 f02 64.63 26.76 28.32	0775 g02 58.35 35.68 37.77	0784 h02 52.06 44.6 47.21	0793 i02 45.78 53.52 56.65	0802 j02 39.5 62.44 66.08	0973 k02 11.94 0.0 −0.01	0982 l02 11.94 0.0 −0.01	0991 m02 11.94 0.0 −0.01	1000 n02 11.94 0.0 −0.01
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06	0005 A06 10.31 28.64 −35.13	0014 B06 15.35 18.78 −34.03	0023 C06 20.4 8.91 −32.93	0032 D06 25.45 −0.95 −31.82	0041 E06 30.5 −10.82 −30.72	0050 F06 35.55 −20.69 −29.62	0059 G06 41.61 −29.83 −24.35	0068 H06 47.66 −38.98 −19.07	0077 I06 53.71 −48.12 −13.8	0086 J06 13.91 33.14 −29.27	0095 K06 20.17 25.22 −28.11	0104 L06 25.22 13.05 −27.0	0113 M06 30.27 3.18 −25.9	0122 N06 35.32 −6.68 −24.8	0131 O06 40.37 −16.55 −23.7	0140 P06 46.42 −25.7 −18.42	0149 Q06 52.48 −34.85 −13.15	0158 R06 58.53 −43.99 −7.88	0167 S06 17.52 37.64 −23.4	0176 T06 23.78 27.42 −22.24	0185 U06 30.03 17.19 −21.08	0194 V06 35.08 7.32 −19.98	0203 W06 40.13 −2.54 −18.88	0212 X06 45.18 −12.41 −17.77	0221 Y06 51.24 −21.56 −12.5	0230 Z06 57.29 −30.71 −7.22	0239 a06 63.34 −39.85 −1.95	0734 b06 71.32 −20.69 −29.62	0743 c06 64.22 −16.55 −23.7	0752 d06 57.11 −12.41 −17.77	0761 e06 50.0 −8.27 −11.85	0770 f06 42.89 −4.13 −5.92	0779 g06 35.79 0.0 −0.01	0788 h06 29.5 8.92 9.44	0797 i06 23.21 17.84 18.88	0806 j06 16.93 26.75 28.31	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
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02	0001 A02 2.07 5.72 −7.02	0010 B02 7.12 −4.13 −5.92	0019 C02 13.17 −13.28 −0.64	0028 D02 19.23 −22.43 4.63	0037 E02 25.28 −31.58 9.9	0046 F02 31.34 −40.73 15.18	0055 G02 37.39 −49.87 20.45	0064 H02 43.45 −59.02 25.73	0073 I02 49.5 −68.16 31.0	0082 J02 5.68 10.22 −1.16	0091 K02 11.94 0.0 −0.01	0100 L02 17.99 −9.14 5.27	0109 M02 24.04 −18.29 10.55	0118 N02 30.1 −27.44 15.82	0127 O02 36.15 −36.59 21.1	0136 P02 42.21 −45.74 26.38	0145 Q02 48.26 −54.89 31.65	0154 R02 54.31 −64.03 36.92	0163 S02 11.32 19.14 8.28	0172 T02 17.57 8.92 9.44	0181 U02 23.21 −1.32 12.43	0190 V02 29.26 −10.47 17.71	0199 W02 35.32 −19.62 22.99	0208 X02 41.37 −28.77 28.26	0217 Y02 47.43 −37.92 33.54	0226 Z02 53.48 −47.06 38.82	0235 a02 59.53 −56.21 44.09	0730 b02 90.58 −4.13 −5.92	0739 c02 83.49 0.0 −0.01	0748 d02 77.2 8.92 9.44	0757 e02 70.91 17.84 18.88	0766 f02 64.63 26.76 28.32	0775 g02 58.35 35.68 37.77	0784 h02 52.06 44.6 47.21	0793 i02 45.78 53.52 56.65	0802 j02 39.5 62.44 66.08	0973 k02 11.94 0.0 −0.01	0982 l02 11.94 0.0 −0.01	0991 m02 11.94 0.0 −0.01	1000 n02 11.94 0.0 −0.01
03	0002 A03 9.18 11.45 −14.04	0011 B03 14.23 1.59 −12.94	0020 C03 20.28 −8.27 −11.84	0029 D03 26.34 −17.42 −6.57	0038 E03 32.39 −26.57 −1.29	0047 F03 38.45 −35.72 3.98	0056 G03 44.5 −44.86 9.25	0065 H03 50.55 −54.01 14.53	0074 I03 56.61 −63.15 19.8	0083 J03 7.74 13.99 −8.18	0092 K03 13.99 4.13 −7.02	0101 L03 19.04 −5.92 5.27	0110 M03 25.09 −13.28 10.55	0119 N03 31.15 −22.43 15.82	0128 O03 37.2 −31.58 9.9	0137 P03 43.26 −40.73 15.17	0146 Q03 49.31 −49.88 20.45	0155 R03 55.36 −59.02 25.72	0164 S03 11.35 17.6 −2.32	0173 T03 17.6 23.86 −1.16	0182 U03 23.86 29.91 0.0	0191 V03 29.91 35.96 −0.01	0200 W03 35.96 42.02 5.27	0209 X03 42.02 48.08 11.55	0218 Y03 48.08 54.13 18.82	0227 Z03 54.13 60.18 26.08	0236 a03 60.18 65.77 31.65	0731 b03 85.77 78.66 −4.13	0740 c03 79.48 71.56 0.0	0749 d03 73.2 65.27 8.92	0758 e03 66.91 58.99 17.84	0767 f03 60.63 52.7 26.76	0776 g03 54.35 46.42 35.68	0785 h03 48.06 40.14 44.59	0794 i03 41.78 33.86 53.52	0803 j03 35.5 23.86 62.44	0974 k03 23.86 0.0 −0.01	0983 l03 23.86 0.0 −0.01	0992 m03 23.86 0.0 −0.01	1001 n03 23.86 0.0 −0.01
04	0003 A04 6.19 17.18 −21.07	0012 B04 11.24 7.32 −19.97	0021 C04 16.29 −2.54 −18.87	0030 D04 21.34 −12.41 −17.77	0039 E04 27.39 −21.56 −12.49	0048 F04 33.45 −30.71 −7.22	0057 G04 39.5 −39.85 −1.94	0066 H04 45.56 −49.0 3.33	0075 I04 51.61 −58.14 8.6	0084 J04 9.8 16.05 −15.21	0093 K04 16.05 7.13 −14.05	0102 L04 21.1 11.46 −12.95	0111 M04 26.15 1.59 −11.85	0120 N04 32.2 −8.27 −6.57	0129 O04 38.26 −17.42 −1.3	0138 P04 44.31 −26.57 3.97	0147 Q04 50.37 −35.72 9.25	0156 R04 56.42 −44.87 14.52	0165 S04 13.41 20.51 −9.34	0174 T04 19.66 25.91 −8.18	0183 U04 25.91 31.29 −7.02	0192 V04 32.16 36.67 −5.92	0201 W04 38.41 42.04 −0.65	0210 X04 44.67 47.42 4.62	0219 Y04 50.92 52.79 9.9	0228 Z04 57.17 58.17 −1.85	0237 a04 63.42 63.55 −5.92	0732 b04 80.95 −12.41 −17.77	0741 c04 73.85 −8.27 −11.85	0750 d04 66.74 −4.13 −5.92	0759 e04 59.64 0.0 −0.01	0768 f04 53.35 8.92 9.44	0777 g04 47.06 17.84 18.88	0786 h04 40.78 26.76 28.32	0795 i04 34.5 35.68 37.77	0804 j04 28.22 44.59 47.2	0975 k04 35.79 0.0 −0.01	0984 l04 35.79 0.0 −0.01	0993 m04 35.79 0.0 −0.01	1002 n04 35.79 0.0 −0.01
05	0004 A05 8.25 22.91 −28.1	0013 B05 13.29 13.05 −27.0	0022 C05 18.34 3.18 −25.9	0031 D05 23.39 −6.68 −24.8	0040 E05 28.44 −16.55 −23.7	0049 F05 34.5 −25.7 −18.42	0058 G05 40.55 −34.84 −13.14	0067 H05 46.61 −43.99 −7.87	0076 I05 52.66 −53.13 −2.59	0085 J05 11.86 27.41 −22.24	0094 K05 17.19 17.19 −21.08	0103 L05 22.23 7.32 −19.98	0112 M05 27.28 −2.54 −18.88	0121 N05 32.33 −12.41 −17.77	0130 O05 37.38 −21.56 −12.5	0139 P05 42.43 −30.71 −7.22	0148 Q05 47.48 −39.86 −1.94	0157 R05 52.53 −49.0 3.32	0166 S05 17.47 25.17 −16.21	0175 T05 22.72 29.37 −15.21	0184 U05 28.07 33.02 −14.05	0193 V05 33.12 36.67 −12.95	0202 W05 38.07 −8.27 −11.85	0211 X05 43.12 −17.42 −6.57	0220 Y05 48.17 −26.57 −1.3	0229 Z05 53.22 −35.72 3.97	0238 a05 58.27 −44.86 9.24	0733 b05 76.13 −16.55 −23.7	0742 c05 69.03 −12.41 −17.77	0751 d05 61.92 −8.27 −11.85	0760 e05 54.81 −4.13 −5.92	0769 f05 47.71 0.0 −0.01	0778 g05 41.42 8.92 9.44	0787 h05 35.14 17.84 18.88	0796 i05 28.85 26.76 28.32	0805 j05 22.58 35.68 37.76	0976 k05 47.71 0.0 −0.01	0985 l05 47.71 0.0 −0.01	0994 m05 47.71 0.0 −0.01	1003 n05 47.71 0.0 −0.01
06	0005 A06 10.31 28.64 −35.13	0014 B06 15.35 18.78 −34.03	0023 C06 20.4 8.91 −32.93	0032 D06 25.45 −0.95 −31.82	0041 E06 30.5 −10.82 −30.72	0050 F06 35.55 −20.69 −29.62	0059 G06 41.61 −29.83 −24.35	0068 H06 47.66 −38.98 −19.07	0077 I06 53.71 −48.12 −13.8	0086 J06 13.91 33.14 −29.27	0095 K06 20.17 22.22 −28.11	0104 L06 25.22 12.03 −27.0	0113 M06 30.27 3.18 −25.9	0122 N06 35.32 −6.68 −24.8	0131 O06 40.37 −16.55 −23.7	0140 P06 46.42 −25.7 −18.42	0149 Q06 52.48 −34.85 −13.15	0158 R06 58.53 −43.99 −7.88	0167 S06 17.52 37.64 −23.4	0176 T06 23.78 37.64 −22.24	0185 U06 30.03 27.42 −21.08	0194 V06 35.08 17.19 −19.98	0203 W06 40.13 7.32 −18.88	0212 X06 45.18 −2.54 −17.77	0221 Y06 51.24 −12.41 −12.5	0230 Z06 57.29 −22.29 −7.22	0239 a06 63.34 −1.95 −1.95	0734 b06 71.32 −20.69 −29.62	0743 c06 64.22 −16.55 −23.7	0752 d06 57.11 −12.41 −17.77	0761 e06 50.0 −8.27 −11.85	0770 f06 42.89 −4.13 −5.92	0779 g06 35.79 0.0 −0.01	0788 h06 29.5 8.92 9.44	0797 i06 23.21 17.84 18.88	0806 j06 16.93 26.75 28.31	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
07	0006 A07 14.37 34.37 −42.15	0015 B07 17.41 24.51 −41.05	0024 C07 20.46 14.64 −39.95	0033 D07 23.51 4.77 −38.85	0042 E07 26.57 −5.09 −37.75	0051 F07 29.62 −14.96 −36.65	0060 G07 32.68 −24.82 −35.55	0069 H07 35.73 −33.97 −30.27	0078 I07 38.78 −43.11 −25.0	0087 J07 17.97 38.87 −36.29	0096 K07 23.22 28.65 −35.13	0105 L07 27.27 18.78 −34.03	0114 M07 32.32 8.91 −32.93	0123 N07 37.37 −0.95 −31.83	0132 O07 42.42 −10.82 −30.73	0141 P07 47.47 −20.69 −29.63	0150 Q07 52.52 −29.84 −24.35	0159 R07 57.57 −38.98 −19.08	0168 S07 43.58 43.37 −30.43	0177 T07 48.83 33.15 −29.27	0186 U07 54.08 22.92 −28.11	0195 V07 59.13 13.05 −27.0	0204 W07 64.18 3.18 −25.9	0213 X07 69.23 −6.68 −24.8	0222 Y07 74.28 −16.55 −23.7	0231 Z07 79.33 −25.7 −18.42	0240 a07 84.38 −34.84 −13.15	0735 b07 85.14 6.5 −24.82	0744 c07 78.04 −20.69 −29.63	0753 d07 70.93 −16.55 −23.7	0762 e07 63.83 −12.41 −17.77	0771 f07 56.73 −8.27 −11.85	0780 g07 49.62 −4.13 −5.92	0789 h07 42.52 0.0 −0.01	0798 i07 35.42 8.92 9.44	0807 j07 28.33 17.84 18.88	0978 k07 71.56 0.0 −0.01	0987 l07 71.56 0.0 −0.01	0996 m07 71.56 0.0 −0.01	1005 n07 71.56 0.0 −0.01
08	0007 A08 14.42 40.1 −49.18	0016 B08 19.47 30.24 −48.08	0025 C08 24.52 20.37 −46.98	0034 D08 29.57 10.5 −45.88	0043 E08 34.62 0.63 −44.78	0052 F08 39.67 −9.21 −43.68	0061 G08 44.72 −19.09 −42.58	0070 H08 49.77 −28.96 −41.47	0079 I08 54.82 −38.1 −36.2	0088 J08 18.03 −43.32 −42.16	0097 K08 24.28 34.38 −41.06	0106 L08 29.33 24.51 −39.96	0115 M08 34.38 14.64 −38.86	0124 N08 39.43 4.77 −37.76	0133 O08 44.48 −5.09 −36.65	0142 P08 49.53 −14.96 −35.55	0151 Q08 54.58 −24.83 −30.28	0160 R08 59.63 −34.7 −17.45	0169 S08 49.91 38.88 −36.29	0178 T08 55.16 28.65 −35.13	0187 U08 60.41 18.78 −34.03	0196 V08 65.66 9.41 −32.93	0205 W08 70.91 0.0 −31.83	0214 X08 76.16 −9.41 −30.73	0223 Y08 81.41 −18.78 −29.63	0232 Z08 86.66 −28.96 −24.35	0241 a08 91.91 −38.1 −17.45	0736 b08 87.25 45.65 −41.47	0745 c08 81.15 61.69 −35.55	0754 d08 75.05 54.58 −29.63	0763 e08 68.95 47.47 −23.7	0772 f08 62.85 40.37 −17.77	0781 g08 56.75 33.26 −11.85	0790 h08 50.65 26.15 −5.92	0799 i08 44.55 19.04 0.0	0808 j08 38.45 11.94 9.43	0979 k08 83.49 0.0 −0.01	0988 l08 83.49 0.0 −0.01	0997 m08 83.49 0.0 −0.01	1006 n08 83.49 0.0 −0.01
09	0008 A09 16.48 45.83 −56.1	0017 B09 21.53 35.96 −55.0	0026 C09 26.58 26.1 −53.9	0035 D09 31.63 16.23 −52.8	0044 E09 36.68 6.36 −51.7	0053 F09 41.73 −3.5 −50.6	0062 G09 46.78 −13.37 −49.5	0071 H09 51.83 −23.24 −48.5	0080 I09 56.87 −33.1 −47.4	0089 J09 20.09 53.96 −42.3	0098 K09 26.34 40.1 −41.2	0107 L09 31.39 30.23 −40.1	0116 M09 36.44 20.36 −39.0	0125 N09 41.49 10.49 −37.9	0134 O09 46.54 0.63 −36.8	0143 P09 51.59 −9.23 −35.7	0152 Q09 56.64 −19.1 −34.6	0161 R09 61.69 −28.96 −27.1	0170 S09 23.7 54.82 −41.47	0179 T09 29.95 44.6 −44.38	0188 U09 36.27 34.37 −43.28	0197 V09 42.6 24.5 −42.15	0206 W09 46.31 14.63 −41.05	0215 X09 51.36 4.76 −39.95	0224 Y09 56.41 −5.09 −38.85	0233 Z09 61.46 −14.96 −37.75	0242 a09 66.55 −24.83 −32.45	0737 b09 56.87 −33.1 −47.4	0746 c09 49.77 −28.96 −41.47	0755 d09 42.66 −24.83 −35.55	0764 e09 35.55 −20.69 −29.62	0773 f09 28.44 −16.55 −23.7	0782 g09 21.34 −12.41 −17.77	0791 h09 14.23 −8.27 −11.84	0800 i09 7.12 −4.13 −5.92	0809 j09 0.02 0.0 −0.01	0980 k09 95.4 0.0 −0.01	0989 l09 95.4 0.0 −0.01	0998 m09 95.4 0.0 −0.01	1007 n09 95.4 0.0 −0.01
10	0243 A10 16.93 26.75 28.31	0252 B10 22.56 16.51 31.31	0261 C10 28.2 6.27 34.31	0270 D10 33.83 −3.97 37.3	0279 E10 39.49 −13.12 42.58	0288 F10 45.14 −22.27 47.85	0297 G10 50.8 −31.42 53.13	0306 H10 56.45 −40.56 58.41	0315 I10 62.1 −49.71 63.68	0324 J10 28.22 35.67 37.76	0333 K10 34.47 25.43 40.75	0342 L10 28.21 15.19 43.75	0351 M10 33.84 4.94 46.74	0360 N10 39.48 −5.29 49.75	0369 O10 45.11 −14.44 54.02	0378 P10 51.17 −23.59 60.29	0387 Q10 57.22 −32.74 65.57	0396 R10 63.28 −41.88 70.84	0405 S10 44.59 34.36 47.2	0414 T10 50.19 24.11 50.19	0423 U10 55.79 13.86 53.19	0432 V10 61.39 3.62 56.18	0441 W10 66.99 −6.62 59.18	0450 X10 72.59 −15.77 62.18	0459 Y10 78.19 −24.92 67.46	0468 Z10 83.79 −34.06 72.73	0477 a10 89.39 0.0 78.0	0810 b10 91.5 −1.32 −0.01	0819 c10 85.4 −2.64 12.43	0828 d10 79.3 −3.97 24.86	0837 e10 73.2 −5.29 37.3	0846 f10 67.1 −6.62 49.74	0855 g10 61.0 −7.94 62.18	0864 h10 54.9 −9.27 74.62	0873 i10 48.8 −10.59 87.06	0882 j10 42.7 −11.92 99.49	1008 k10 0.02 0.0 −0.01	1024 l10 0.02 0.0 −0.01	1040 m10 0.02 0.0 −0.01	1056 n10 0.02 0.0 −0.01
11	0244 A11 23.21 28.06 17.72	0253 B11 28.25 17.84 18.88	0262 C11 33.29 7.59 24.87	0271 D11 38.34 −2.65 30.15	0280 E11 43.38 −12.71 35.43	0289 F11 48.43 −22.77 40.7	0298 G11 53.48 −32.84 45.98	0307 H11 58.53 −42.9 51.25	0316 I11 63.58 −53.05 56.51	0325 J11 26.38 37.76 40.75	0334 K11 32.63 28.26 43.75	0343 L11 26.38 18.49 46.74	0352 M11 31.99 8.74 49.74	0361 N11 37.61 −1.21 55.02	0370 O11 43.23 −11.17 60.29	0379 P11 48.85 −21.12 65.57	0388 Q11 54.47 −31.42 70.84	0397 R11 60.09 −40.56 58.41	0406 S11 45.9 35.68 37.77	0415 T11 51.63 25.43 40.76	0424 U11 57.36 15.19 43.76	0433 V11 63.09 4.94 46.75	0442 W11 68.82 −5.3 49.75	0451 X11 74.55 −14.44 55.03	0460 Y11 80.28 −23.59 60.3	0469 Z11 86.01 −32.73 65.57	0478 a11 91.74 0.0 −0.01	0811 b11 85.54 5.72 −7.02	0820 c11 83.49 0.0 −0.01	0829 d11 81.45 −1.32 12.43	0838 e11 79.41 −2.65 24.87	0847 f11 77.36 −3.97 37.3	0856 g11 75.32 −5.29 49.74	0865 h11 73.28 −6.62 62.18	0874 i11 71.23 −7.94 74.62	0883 j11 69.19 −9.27 87.06	1009 k11 0.0 0.0 −0.01	1025 l11 0.0 0.0 −0.01	1041 m11 0.0 0.0 −0.01	1057 n11 0.0 0.0 −0.01
12	0245 A12 16.99 29.37 7.12	0254 B12 23.24 19.15 8.28	0263 C12 29.5 8.92 9.44	0272 D12 35.13 −1.32 12.43	0281 E12 41.19 −10.47 17.71	0290 F12 47.24 −19.62 22.99	0299 G12 53.3 −28.77 28.26	0308 H12 59.35 −37.92 33.54	0317 I12 65.4 −47.06 38.81	0326 J12 22.63 38.29 36.56	0335 K12 28.88 28.07 17.88	0344 L12 35.14 17.84 21.88	0353 M12 40.77 7.59 24.87	0362 N12 46.41 −2.67 30.15	0371 O12 52.46 −11.79 35.43	0380 P12 58.52 −20.94 40.7	0389 Q12 64.57 −30.09 45.97	0398 R12 70.62 −39.23 26.6	0407 S12 46.12 47.26 27.16	0416 T12 52.37 36.99 28.32	0425 U12 58.62 26.76 31.32	0434 V12 64.87 16.53 34.32	0443 W12 71.12 6.29 37.31	0452 X12 77.37 −3.97 42.59	0461 Y12 83.62 −13.12 47.86	0470 Z12 89.87 −22.27 53.14	0479 a12 96.12 −31.41 58.41	0812 b12 75.67 −1.32 12.43	0821 c12 73.61 −2.65 24.87	0830 d12 71.56 −3.97 37.3	0839 e12 69.51 −5.29 49.75	0848 f12 67.46 −6.62 62.18	0857 g12 65.41 −7.94 74.62	0866 h12 63.36 −9.27 87.06	0875 i12 61.32 −10.59 99.49	0884 j12 59.27 −11.92 0.0	1010 k12 12.73 0.0 −0.01	1026 l12 12.73 0.0 −0.01	1042 m12 12.73 0.0 −0.01	1058 n12 12.73 0.0 −0.01
13	0246 A13 17.02 30.68 −3.48	0255 B13 23.27 20.46 −2.32	0264 C13 29.52 10.23 −1.16	0273 D13 35.79 0.0 −0.01	0282 E13 42.04 −9.14 5.27	0291 F13 48.29 −18.29 10.55	0300 G13 54.55 −27.44 15.82	0309 H13 60.8 −36.59 21.1	0318 I13 67.05 −45.73 26.37	0327 J13 22.86 39.6 −5.95	0336 K13 28.91 29.38 8.28	0345 L13 35.16 19.15 9.44	0354 M13 41.42 8.92 12.43	0363 N13 47.06 −1.32 17.71	0372 O13 53.11 −10.47 22.99	0381 P13 59.17 −19.62 28.26	0390 Q13 65.22 −28.77 33.54	0399 R13 71.27 −37.91 38.81	0408 S13 48.52 38.3 −5.53	0417 T13 54.77 28.05 −6.71	0426 U13 61.02 17.8 −7.89	0435 V13 67.27 7.55 −9.07	0444 W13 73.52 −2.65 −10.25	0453 X13 79.77 −12.79 −11.44	0462 Y13 86.02 −22.94 −12.62	0471 Z13 92.27 −33.08 −13.8	0480 a13 98.52 0.0 −0.01	0813 b13 95.4 −1.32 −0.01	0822 c13 93.37 −2.65 −1.32	0831 d13 91.34 −3.97 −2.65	0840 e13 89.31 −5.29 −3.97	0849 f13 87.28 −6.62 −5.29	0858 g13 85.25 −7.94 −6.62	0867 h13 83.22 −9.27 −7.94	0876 i13 81.19 −10.59 −9.27	0885 j13 79.16 −11.92 −10.59	1011 k13 0.0 0.0 −0.01	1027 l13 0.0 0.0 −0.01	1043 m13 0.0 0.0 −0.01	1059 n13 0.0 0.0 −0.01
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16	0249 A16 25.25 47.87 −24.56	0258 B16 29.44 37.64 −23.4	0267 C16 33.63 27.42 −22.24	0276 D16 37.82 17.19 −21.08	0285 E16 42.01 6.97 −19.98	0294 F16 46.2 −2.54 −18.88	0303 G16 50.39 −12.41 −17.77	0312 H16 54.58 −22.16 −12.5	0321 I16 58.77 −31.92 −7.23	0330 J16 29.13 46.52 −18.69	0339 K16 34.68 42.15 −17.53	0348 L16 40.23 31.41 −16.37	0357 M16 45.57 21.69 −15.21	0366 N16 51.12 11.46 −14.05	0375 O16 56.67 1.59 −12.95	0384 P16 62.21 −8.27 −11.85	0393 Q16 67.98 −17.42 −6.57	0402 R16 74.03 −26.56 −1.3	0411 S16 52.62 −12.83 −11.67	0420 T16 42.36 −11.67 −10.51	0429 U16 32.09 −10.51 −9.35	0438 V16 21.82 −9.35 −8.18	0447 W16 11.55 −8.18 −7.02	0456 X16 1.28 −7.02 −5.92	0465 Y16 −9.01 −5.92 −4.62	0474 Z16 −19.26 −4.62 −3.48	0483 a16 −29.52 −3.48 −2.32	0816 b16 36.21 −42.15 −35.13	0825 c16 34.15 −35.13 −28.11	0834 d16 32.09 −28.11 −21.08	0843 e16 30.03 −21.08 −14.05	0852 f16 27.97 −14.05 −7.02	0861 g16 25.91 −7.02 −0.01	0870 h16 23.86 0.0 0.0	0879 i16 21.8 −7.02 −0.01	0888 j16 19.74 −14.05 −7.02	1014 k16 38.17 12.63 −0.01	1030 l16 38.17 12.63 −0.01	1046 m16 38.17 12.63 −0.01	1062 n16 38.17 12.63 −0.01
17	0250 A17 29.93 −31.59	0259 B17 34.15 −30.43 −29.27	0268 C17 38.37 −29.27 −28.11	0277 D17 42.58 −28.11 −27.0	0286 E17 46.8 −26.95 −25.8	0295 F17 51.02 −25.8 −24.8	0304 G17 55.23 −24.64 −23.7	0313 H17 59.45 −23.48 −18.43	0322 I17 63.67 −22.32 −15.62	0331 J17 28.86 53.38 −25.72	0340 K17 34.41 48.87 −24.56	0349 L17 39.97 37.65 −23.4	0358 M17 45.52 27.42 −22.24	0367 N17 51.08 17.19 −21.08	0376 O17 56.63 7.32 −19.98	0385 P17 62.19 −2.54 −18.88	0394 Q17 67.75 −12.5 −17.77	0403 R17 73.31 −22.43 −16.62	0412 S17 54.26 38.72 −26.56	0421 T17 44.98 38.72 −25.38	0430 U17 35.71 37.65 −24.22	0439 V17 26.44 36.58 −23.06	0448 W17 17.17 35.51 −21.91	0457 X17 7.89 34.44 −20.75	0466 Y17 −1.38 33.38 −19.59	0475 Z17 −10.66 32.31 −18.43	0484 a17 −19.94 31.24 −17.28	0817 b17 54.23 24.28 −40.1	0826 c17 52.23 21.46 −33.27	0835 d17 50.22 18.65 −26.44	0844 e17 48.22 15.83 −19.61	0853 f17 46.21 13.02 −12.78	0862 g17 44.21 10.21 −5.95	0871 h17 42.2 7.39 0.9	0880 i17 40.2 4.58 7.72	0889 j17 38.19 1.77 14.54	1031 k17 44.53 0.0 −0.01	1047 l17 44.53 0.0 −0.01	1063 n17 44.53 0.0 −0.01	1079 n17 44.53 0.0 −0.01
18	0251 A18 27.31 59.33 −38.61	0260 B18 33.56 49.1 −37.45	0269 C18 39.82 38.87 −36.29	0278 D18 46.07 28.64 −35.13	0287 E18 52.33 18.77 −34.0	0296 F18 58.59 8.9 −32.92	0305 G18 64.85 −0.96 −31.82	0314 H18 71.12 −10.82 −30.72	0323 I18 77.38 −20.69 −29.62	0332 J18 32.54 63.83 −32.74	0341 K18 39.12 53.6 −31.58	0350 L18 45.69 43.37 −30.42	0359 M18 52.26 33.14 −29.26	0368 N18 58.83 22.91 −28.1	0377 O18 65.39 13.04 −27.0	0386 P18 71.96 3.17 −25.9	0395 Q18 78.53 −6.69 −24.8	0404 R18 85.09 −16.55 −23.7	0413 S18 59.8 74.53 −26.88	0422 T18 48.78 58.11 −27.74	0431 U18 37.76 47.87 −26.59	0440 V18 26.74 37.64 −25.43	0449 W18 15.72 27.41 −24.28	0458 X18 4.7 17.18 −23.12	0467 Y18 −6.32 7.31 −21.97	0476 Z18 −17.35 −2.55 −20.81	0485 a18 −28.37 −12.41 −19.66	0818 b18 70.85 −12.41 −26.2	0827 c18 68.46 −8.27 −19.48	0836 d18 66.07 −4.13 −12.75	0845 e18 63.68 0.0 −6.03	0854 f18 61.29 4.13 0.7	0863 g18 58.9 8.25 17.18	0872 h18 56.51 12.38 11.45	0881 i18 54.12 16.51 5.72	0890 j18 51.73 20.64 0.0	1016 k18 50.89 0.0 −0.01	1032 l18 50.89 0.0 −0.01	1048 m18 50.89 0.0 −0.01	1064 n18 50.89 0.0 −0.01
19	0486 A19 33.86 53.52 −56.64	0495 B19 39.49 43.28 59.64	0504 C19 45.12 33.03 62.63	0513 D19 50.76 22.78 65.63	0522 E19 56.39 12.54 68.63	0531 F19 62.03 2.29 71.62	0540 G19 67.66 −7.94 74.62	0549 H19 73.22 −17.09 79.89	0558 I19 78.85

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
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02	0001 A02 2.07 5.72 −7.02	0010 B02 7.12 −4.13 −5.92	0019 C02 13.17 −13.28 −0.64	0028 D02 19.23 −22.43 4.63	0037 E02 25.28 −31.58 9.9	0046 F02 31.34 −40.73 15.18	0055 G02 37.39 −49.87 20.45	0064 H02 43.45 −59.02 25.73	0073 I02 49.5 −68.16 31.0	0082 J02 5.68 10.22 −1.16	0091 K02 11.94 0.0 −0.01	0100 L02 17.99 −9.14 5.27	0109 M02 24.04 −18.29 10.55	0118 N02 30.1 −27.44 15.82	0127 O02 36.15 −36.59 21.1	0136 P02 42.21 −45.74 26.38	0145 Q02 48.26 −54.89 31.65	0154 R02 54.31 −64.03 36.92	0163 S02 11.32 19.14 8.28	0172 T02 17.37 8.92 9.44	0181 U02 23.21 −1.32 12.43	0190 V02 29.26 −10.47 17.71	0199 W02 35.32 −19.62 22.99	0208 X02 41.37 −28.77 28.26	0217 Y02 47.43 −37.92 33.54	0226 Z02 53.48 −47.06 38.82	0235 a02 59.53 −56.21 44.09	0730 b02 90.58 −4.13 −5.92	0739 c02 83.49 0.0 −0.01	0748 d02 77.2 8.92 9.44	0757 e02 70.91 17.84 18.88	0766 f02 64.63 26.76 28.32	0775 g02 58.35 35.68 37.77	0784 h02 52.06 44.6 47.21	0793 i02 45.78 53.52 56.65	0802 j02 39.5 62.44 66.08	0973 k02 11.94 0.0 −0.01	0982 l02 11.94 0.0 −0.01	0991 m02 11.94 0.0 −0.01	1000 n02 11.94 0.0 −0.01
03	0002 A03 4.13 11.45 −14.04	0011 B03 9.18 1.59 −12.94	0020 C03 14.23 −8.27 −11.84	0029 D03 20.28 −17.42 −6.57	0038 E03 26.34 −26.57 −1.29	0047 F03 32.39 −35.72 3.98	0056 G03 38.45 −44.86 9.25	0065 H03 44.5 −54.01 14.53	0074 I03 50.55 −63.15 19.8	0083 J03 7.74 15.95 −8.18	0092 K03 13.99 5.73 −7.02	0101 L03 19.04 −4.13 −5.92	0110 M03 25.09 −13.28 −0.65	0119 N03 31.15 −22.43 4.62	0128 O03 37.2 −31.58 9.9	0137 P03 43.26 −40.73 15.17	0146 Q03 49.31 −49.88 20.45	0155 R03 55.36 −59.02 25.72	0164 S03 11.35 −2.32	0173 T03 17.6 10.23 −1.16	0182 U03 23.86 0.0 −0.01	0191 V03 29.91 −9.14 5.27	0200 W03 35.96 −18.29 10.55	0209 X03 42.02 −27.44 15.82	0218 Y03 48.08 −36.59 21.1	0227 Z03 54.13 −45.74 26.38	0236 a03 60.18 −54.88 31.65	0731 b03 85.77 −8.27 −11.84	0740 c03 78.66 −4.13 −5.92	0749 d03 71.56 0.0 −0.01	0758 e03 65.27 8.92 9.44	0767 f03 58.99 17.84 18.88	0776 g03 52.7 26.76 28.32	0785 h03 46.42 35.68 37.77	0794 i03 40.14 44.6 47.21	0803 j03 33.86 53.52 56.64	0974 k03 23.86 0.0 −0.01	0983 l03 23.86 0.0 −0.01	0992 m03 23.86 0.0 −0.01	1001 n03 23.86 0.0 −0.01
04	0003 A04 6.19 17.18 −21.07	0012 B04 11.24 7.32 −19.97	0021 C04 16.29 −2.54 −18.87	0030 D04 21.34 −12.41 −17.77	0039 E04 27.39 −21.56 −12.49	0048 F04 33.45 −30.71 −7.22	0057 G04 39.5 −39.85 −1.94	0066 H04 45.56 −49.0 3.33	0075 I04 51.61 −58.14 8.6	0084 J04 9.8 11.68 −15.21	0093 K04 16.05 1.46 −14.05	0102 L04 21.1 1.59 −12.95	0111 M04 26.15 −8.27 −11.85	0120 N04 32.2 −17.42 −6.57	0129 O04 38.26 −26.57 −1.3	0138 P04 44.31 −35.72 3.97	0147 Q04 50.37 −44.87 9.25	0156 R04 56.42 −54.01 14.52	0165 S04 13.41 26.18 −9.34	0174 T04 19.66 15.96 −8.18	0183 U04 25.91 5.73 −7.02	0192 V04 30.96 −4.13 −5.92	0201 W04 37.02 −13.28 −0.65	0210 X04 43.07 −22.43 4.62	0219 Y04 49.13 −31.58 9.9	0228 Z04 55.18 −40.73 15.17	0237 a04 61.23 −49.87 20.45	0732 b04 80.95 −19.1 −17.77	0741 c04 73.85 −12.41 −11.85	0750 d04 66.74 −5.57 −5.92	0759 e04 59.64 0.0 −0.01	0768 f04 53.35 9.44 9.44	0777 g04 47.06 17.84 18.88	0786 h04 40.78 26.76 28.32	0795 i04 34.5 35.68 37.77	0804 j04 28.22 44.59 47.2	0975 k04 35.79 0.0 −0.01	0984 l04 35.79 0.0 −0.01	0993 m04 35.79 0.0 −0.01	1002 n04 35.79 0.0 −0.01
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06	0005 A06 10.31 28.64 −35.13	0014 B06 15.35 18.78 −34.03	0023 C06 20.4 8.91 −32.93	0032 D06 25.45 −0.95 −31.82	0041 E06 30.5 −10.82 −30.72	0050 F06 35.55 −20.69 −29.62	0059 G06 41.61 −29.83 −24.35	0068 H06 47.66 −38.98 −19.07	0077 I06 53.71 −48.12 −13.8	0086 J06 13.91 −29.27 −28.11	0095 K06 20.17 −27.0 −27.0	0104 L06 25.22 13.05 −25.9	0113 M06 30.27 3.18 −24.8	0122 N06 35.32 −6.68 −23.7	0131 O06 40.37 −16.55 −18.42	0140 P06 46.42 −25.7 −13.15	0149 Q06 52.48 −34.85 −7.88	0158 R06 58.53 −43.99 −2.4	0167 S06 17.52 37.64 −23.4	0176 T06 23.78 27.42 −22.24	0185 U06 30.03 17.19 −21.08	0194 V06 35.08 7.32 −19.98	0203 W06 40.13 −2.54 −18.88	0212 X06 45.18 −12.41 −17.77	0221 Y06 51.24 −21.56 −12.5	0230 Z06 57.29 −30.71 −7.22	0239 a06 63.34 −39.85 −1.95	0734 b06 71.32 −20.69 −29.62	0743 c06 64.22 −16.55 −23.7	0752 d06 57.11 −12.41 −17.77	0761 e06 50.0 −8.27 −11.85	0770 f06 42.89 −4.13 −5.92	0779 g06 35.79 0.0 −0.01	0788 h06 29.5 8.92 9.44	0797 i06 23.21 17.84 18.88	0806 j06 16.93 26.75 28.31	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
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14	0247 A14 19.08 36.41 −10.51	0256 B14 25.33 26.19 −9.35	0265 C14 31.58 15.96 −8.18	0274 D14 37.84 5.73 −7.02	0283 E14 42.89 −4.13 −5.92	0292 F14 48.94 −13.28 −0.65	0301 G14 55.0 −22.43 4.62	0310 H14 61.05 −31.58 9.9	0319 I14 67.1 −40.72 15.17	0328 J14 22.69 40.91 −4.64	0337 K14 28.94 30.69 −3.48	0346 L14 35.19 20.46 −2.32	0355 M14 41.45 10.23 −1.16	0364 N14 47.71 0.0 −0.01	0373 O14 53.76 −9.14 5.27	0382 P14 59.82 −18.29 10.55	0391 Q14 65.87 −27.44 15.82	0400 R14 71.92 −36.58 21.1	0409 S14 28.33 49.83 4.79	0418 T14 34.58 39.61 5.95	0427 U14 40.83 29.38 7.12	0436 V14 47.09 19.15 8.28	0445 W14 53.35 8.92 9.44	0454 X14 58.98 −1.32 12.43	0463 Y14 65.04 −10.47 17.71	0472 Z14 71.09 −19.62 22.99	0481 a14 77.14 −28.76 28.26	0814 b14 55.94 22.91 −28.1	0823 c14 53.88 17.19 −21.08	0832 d14 51.82 11.46 −14.05	0841 e14 49.76 5.73 −7.02	0850 f14 47.71 0.0 −0.01	0859 g14 47.06 −1.32 12.43	0868 h14 46.41 −2.65 24.87	0877 i14 45.76 −3.97 37.31	0886 j14 45.11 −5.29 49.74	1012 k14 25.45 0.0 −0.01	1028 l14 25.45 0.0 −0.01	1044 m14 25.45 0.0 −0.01	1060 n14 25.45 0.0 −0.01
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02	0001 A02 2.07 5.72 −7.02	0010 B02 7.12 −4.13 −5.92	0019 C02 13.17 −13.28 −0.64	0028 D02 19.23 −22.43 4.63	0037 E02 25.28 −31.58 9.9	0046 F02 31.34 −40.73 15.18	0055 G02 37.39 −49.87 20.45	0064 H02 43.45 −59.02 25.73	0073 I02 49.5 −68.16 31.0	0082 J02 5.68 10.22 −1.16	0091 K02 11.94 0.0 −0.01	0100 L02 17.99 −9.14 5.27	0109 M02 24.04 −18.29 10.55	0118 N02 30.1 −27.44 15.82	0127 O02 36.15 −36.59 21.1	0136 P02 42.21 −45.74 26.38	0145 Q02 48.26 −54.89 31.65	0154 R02 54.32 −64.03 36.92	0163 S02 11.32 19.14 8.28	0172 T02 17.37 8.92 9.44	0181 U02 23.21 −1.32 12.43	0190 V02 29.26 −10.47 17.71	0199 W02 35.32 −19.62 22.99	0208 X02 41.37 −28.77 28.26	0217 Y02 47.43 −37.92 33.54	0226 Z02 53.48 −47.06 38.82	0235 a02 59.53 −56.21 44.09	0730 b02 90.58 −4.13 −5.92	0739 c02 83.49 0.0 −0.01	0748 d02 77.2 8.92 9.44	0757 e02 70.91 17.84 18.88	0766 f02 64.63 26.76 28.32	0775 g02 58.35 35.68 37.77	0784 h02 52.06 44.6 47.21	0793 i02 45.78 53.52 56.65	0802 j02 39.5 62.44 66.08	0973 k02 11.94 0.0 −0.01	0982 l02 11.94 0.0 −0.01	0991 m02 11.94 0.0 −0.01	1000 n02 11.94 0.0 −0.01
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04	0003 A04 6.19 17.18 −21.07	0012 B04 11.24 7.32 −19.97	0021 C04 16.29 −2.54 −18.87	0030 D04 21.34 −12.41 −17.77	0039 E04 27.39 −21.56 −12.49	0048 F04 33.45 −30.71 −7.22	0057 G04 39.5 −39.85 −1.94	0066 H04 45.56 −49.0 3.33	0075 I04 51.61 −58.14 8.6	0084 J04 9.8 11.68 −15.21	0093 K04 16.05 1.46 −14.05	0102 L04 21.1 1.59 −12.95	0111 M04 26.15 −8.27 −11.85	0120 N04 32.2 −17.42 −6.57	0129 O04 38.26 −26.57 −1.3	0138 P04 44.31 −35.72 3.97	0147 Q04 50.37 −44.87 9.25	0156 R04 56.42 −54.01 14.52	0165 S04 13.41 26.18 −9.34	0174 T04 19.66 15.96 −8.18	0183 U04 25.91 5.73 −7.02	0192 V04 30.96 −4.13 −5.92	0201 W04 37.02 −13.28 −0.65	0210 X04 43.07 −22.43 4.62	0219 Y04 49.13 −31.58 9.9	0228 Z04 55.18 −40.73 15.17	0237 a04 61.23 −49.87 20.45	0732 b04 80.95 −19.1 −17.77	0741 c04 73.85 −12.41 −11.85	0750 d04 66.74 −5.7 −5.92	0759 e04 59.64 0.0 −0.01	0768 f04 53.35 9.44 9.44	0777 g04 47.06 17.84 18.88	0786 h04 40.78 26.76 28.32	0795 i04 34.5 35.68 37.77	0804 j04 28.22 44.59 47.2	0975 k04 35.79 0.0 −0.01	0984 l04 35.79 0.0 −0.01	0993 m04 35.79 0.0 −0.01	1002 n04 35.79 0.0 −0.01
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06	0005 A06 10.31 28.64 −35.13	0014 B06 15.35 18.78 −34.03	0023 C06 20.4 8.91 −32.93	0032 D06 25.45 −0.95 −31.82	0041 E06 30.5 −10.82 −30.72	0050 F06 35.55 −20.69 −29.62	0059 G06 41.61 −29.83 −24.35	0068 H06 47.66 −38.98 −19.07	0077 I06 53.71 −48.12 −13.8	0086 J06 13.91 −29.27	0095 K06 20.17 −28.11	0104 L06 25.22 −27.0	0113 M06 30.27 13.05 −25.9	0122 N06 35.32 3.18 −24.8	0131 O06 40.37 −6.68 −23.7	0140 P06 46.42 −16.55 −18.42	0149 Q06 52.48 −25.7 −13.15	0158 R06 58.53 −34.85 −7.88	0167 S06 17.52 −23.4	0176 T06 23.78 −22.24	0185 U06 30.03 27.42 −21.08	0194 V06 35.08 17.9 −19.98	0203 W06 40.13 7.32 −18.88	0212 X06 45.18 −2.54 −17.77	0221 Y06 51.24 −12.5 −12.5	0230 Z06 57.29 −22.1 −7.22	0239 a06 63.34 −31.71 −1.95	0734 b06 71.32 −20.69 −29.62	0743 c06 64.22 −16.55 −23.7	0752 d06 57.11 −12.41 −17.77	0761 e06 50.0 −8.27 −11.85	0770 f06 42.89 −4.13 −5.92	0779 g06 35.79 0.0 −0.01	0788 h06 29.5 8.92 9.44	0797 i06 23.21 17.84 18.88	0806 j06 16.93 26.75 28.31	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
07	0006 A07 14.37 34.37 −42.15	0015 B07 17.41 24.51 −41.05	0024 C07 22.46 14.64 −39.95	0033 D07 27.51 4.77 −38.85	0042 E07 32.56 −5.09 −37.75	0051 F07 37.61 −14.96 −36.65	0060 G07 42.66 −24.82 −35.55	0069 H07 47.71 −33.97 −30.27	0078 I07 52.76 −43.11 −25.0	0087 J07 17.97 38.87 −36.29	0096 K07 22.22 28.65 −35.13	0105 L07 27.27 18.78 −34.03	0114 M07 32.32 8.91 −32.93	0123 N07 37.37 −0.95 −31.83	0132 O07 42.42 −10.82 −30.73	0141 P07 47.47 −20.69 −29.63	0150 Q07 52.52 −29.84 −24.35	0159 R07 57.57 −38.98 −19.08	0168 S07 43.58 43.37 −30.43	0177 T07 48.83 33.15 −29.27	0186 U07 54.08 22.92 −28.11	0195 V07 59.13 13.05 −27.0	0204 W07 27.2 3.18 −25.9	0213 X07 32.25 −6.68 −24.8	0222 Y07 37.3 −16.55 −23.7	0231 Z07 42.35 −25.7 −18.42	0240 a07 47.4 −34.84 −13.15	0735 b07 66.5 −24.82 −35.55	0744 c07 59.4 −20.69 −29.63	0753 d07 52.29 −16.55 −23.7	0762 e07 45.18 −12.41 −17.77	0771 f07 38.07 −8.27 −11.85	0780 g07 30.96 −4.13 −5.92	0789 h07 23.86 0.0 −0.01	0798 i07 17.57 8.92 9.44	0807 j07 11.29 17.83 18.87	0978 k07 71.56 0.0 −0.01	0987 l07 71.56 0.0 −0.01	0996 m07 71.56 0.0 −0.01	1005 n07 71.56 0.0 −0.01
08	0007 A08 14.42 40.1 −49.18	0016 B08 19.47 30.24 −48.08	0025 C08 24.52 20.37 −46.98	0034 D08 29.57 10.5 −45.88	0043 E08 34.62 0.63 −44.78	0052 F08 39.67 −9.21 −43.68	0061 G08 44.72 −19.09 −42.58	0070 H08 49.77 −28.96 −41.47	0079 I08 54.82 −38.1 −36.2	0088 J08 18.03 44.6 −43.32	0097 K08 24.28 34.38 −42.16	0106 L08 29.33 24.51 −41.06	0115 M08 34.38 14.64 −39.96	0124 N08 39.43 4.77 −38.86	0133 O08 44.48 −5.09 −37.76	0142 P08 49.53 −14.96 −36.65	0151 Q08 54.58 −24.83 −35.55	0160 R08 60.63 −34.97 −30.28	0169 S08 21.64 37.49 −37.45	0178 T08 27.89 28.88 −36.29	0187 U08 34.15 28.65 −35.13	0196 V08 39.2 18.78 −34.03	0205 W08 44.25 8.91 −32.93	0214 X08 49.3 −0.95 −31.83	0223 Y08 54.35 −10.82 −30.73	0232 Z08 59.4 −20.69 −29.63	0241 a08 65.45 −29.83 −24.35	0736 b08 61.69 −28.96 −41.47	0745 c08 54.58 −24.83 −35.55	0754 d08 47.47 −20.69 −29.63	0763 e08 40.37 −16.55 −23.7	0772 f08 33.26 −12.41 −17.77	0781 g08 26.15 −8.27 −11.85	0790 h08 19.04 −4.13 −5.92	0799 i08 11.94 0.0 −0.01	0808 j08 5.65 8.92 9.43	0979 k08 83.49 0.0 −0.01	0988 l08 83.49 0.0 −0.01	0997 m08 83.49 0.0 −0.01	1006 n08 83.49 0.0 −0.01
09	0008 A09 16.48 45.83 −56.1	0017 B09 21.53 35.96 −55.1	0026 C09 26.58 26.1 −54.0	0035 D09 31.63 16.23 −52.9	0044 E09 36.68 6.36 −51.8	0053 F09 41.73 −3.5 −50.7	0062 G09 46.78 −13.37 −49.6	0071 H09 51.83 −23.24 −48.5	0080 I09 56.87 −33.1 −47.4	0089 J09 20.09 30.21 −50.34	0098 K09 26.34 40.1 −49.18	0107 L09 31.39 30.23 −48.08	0116 M09 36.44 20.36 −46.98	0125 N09 41.49 10.49 −45.88	0134 O09 46.54 0.63 −44.78	0143 P09 51.59 −9.23 −43.68	0152 Q09 56.64 −19.1 −42.57	0161 R09 61.69 −28.96 −41.47	0170 S09 23.7 54.82 −44.48	0179 T09 29.95 44.6 −43.32	0188 U09 36.21 34.37 −42.15	0197 V09 41.26 24.5 −41.05	0206 W09 46.31 14.63 −39.95	0215 X09 51.36 4.76 −38.85	0224 Y09 56.41 −5.09 −37.75	0233 Z09 61.46 −14.96 −36.65	0242 a09 66.5 −24.82 −35.55	0737 b09 56.87 −33.1 −47.4	0746 c09 49.77 −28.96 −41.47	0755 d09 42.66 −24.82 −35.55	0764 e09 35.55 −20.69 −29.63	0773 f09 28.44 −16.55 −23.7	0782 g09 21.34 −12.41 −17.77	0791 h09 14.23 −8.27 −11.84	0800 i09 7.12 −4.13 −5.92	0809 j09 0.02 0.0 −0.01	0980 k09 95.4 0.0 −0.01	0989 l09 95.4 0.0 −0.01	0998 m09 95.4 0.0 −0.01	1007 n09 95.4 0.0 −0.01
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11	0244 A11 23.21 28.06 17.72	0253 B11 28.85 17.84 18.88	0262 C11 34.48 7.59 21.88	0271 D11 40.12 −2.65 24.87	0280 E11 45.76 −11.79 30.15	0289 F11 51.39 −20.94 35.43	0298 G11 57.03 −30.09 40.7	0307 H11 62.66 −39.23 45.98	0316 I11 68.29 −48.38 51.25	0325 J11 23.46 27.16	0334 K11 29.01 28.82	0343 L11 34.65 26.76 32.32	0352 M11 40.29 16.51 34.32	0361 N11 45.93 6.27 37.31	0370 O11 51.57 −3.97 42.59	0379 P11 57.21 −13.12 47.86	0388 Q11 62.85 −22.27 53.14	0397 R11 68.49 −31.42 58.41	0406 S11 28.7 45.9 36.6	0415 T11 34.45 35.68 37.77	0424 U11 40.21 25.43 40.76	0433 V11 45.97 15.19 43.76	0442 W11 51.73 4.94 46.75	0451 X11 57.49 −5.3 49.75	0460 Y11 63.24 −14.44 55.03	0469 Z11 69.00 −23.59 60.3	0478 a11 74.75 −32.73 65.57	0811 b11 85.54 5.72 −7.02	0820 c11 83.49 0.0 −0.01	0829 d11 81.44 −1.32 12.43	0838 e11 79.39 −2.65 24.87	0847 f11 77.35 −3.97 37.31	0856 g11 75.3 −5.3 49.75	0865 h11 73.25 −6.62 62.19	0874 i11 71.2 −7.94 74.63	0883 j11 69.15 −9.27 87.06	1009 k11 6.57 0.0 −0.01	1025 l11 6.57 0.0 −0.01	1041 m11 6.57 0.0 −0.01	1057 n11 6.57 0.0 −0.01
12	0245 A12 16.99 29.37 7.12	0254 B12 23.24 19.15 8.28	0263 C12 29.5 8.92 9.44	0272 D12 35.13 −1.32 12.43	0281 E12 41.19 −10.47 17.71	0290 F12 47.24 −19.62 22.99	0299 G12 53.3 −28.77 28.26	0308 H12 59.35 −37.92 33.54	0317 I12 65.4 −47.06 38.81	0326 J12 22.63 38.29 16.56	0335 K12 28.88 28.07 17.72	0344 L12 35.14 17.84 18.88	0353 M12 40.77 7.59 21.88	0362 N12 46.41 −2.65 24.87	0371 O12 52.46 −11.79 30.15	0380 P12 58.52 −20.94 35.43	0389 Q12 64.57 −30.09 40.7	0398 R12 70.62 −39.23 45.97	0407 S12 28.27 47.26 26.0	0416 T12 34.52 36.99 27.16	0425 U12 40.78 26.76 28.32	0434 V12 46.41 16.53 31.32	0443 W12 52.05 6.27 34.32	0452 X12 57.68 −3.97 37.31	0461 Y12 63.74 −13.12 42.59	0470 Z12 69.79 −22.27 47.86	0479 a12 75.84 −31.41 53.14	0812 b12 75.67 11.45 −14.04	0821 c12 73.61 5.73 −7.02	0830 d12 71.56 0.0 −0.01	0839 e12 70.91 −1.32 12.43	0848 f12 70.26 −2.65 24.87	0857 g12 69.61 −3.97 37.31	0866 h12 68.96 −5.3 49.75	0875 i12 68.31 −6.62 62.19	0884 j12 67.66 −7.94 74.62	1010 k12 12.73 0.0 −0.01	1026 l12 12.73 0.0 −0.01	1042 m12 12.73 0.0 −0.01	1058 n12 12.73 0.0 −0.01
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BAM material: code=rha4ta

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
01	0000 A01 0.02 0.0 −0.01	0009 B01 6.06 −9.14 5.27	0018 C01 12.12 −18.29 10.54	0027 D01 18.17 −27.43 15.82	0036 E01 24.23 −36.58 21.1	0045 F01 30.28 −45.73 26.37	0054 G01 36.34 −54.88 31.65	0063 H01 42.39 −64.03 36.92	0072 I01 48.44 −73.17 42.2	0081 J01 5.65 8.91 9.43	0090 K01 11.28 −1.32 12.42	0099 L01 17.34 −10.47 17.7	0108 M01 23.39 −19.62 22.98	0117 N01 29.45 −28.77 28.25	0126 O01 35.5 −37.91 33.53	0135 P01 41.56 −47.06 38.81	0144 Q01 47.61 −56.21 44.08	0153 R01 53.66 −65.35 49.35	0162 S01 11.29 17.83 18.87	0171 T01 16.92 7.59 11.87	0180 U01 22.56 −2.64 24.86	0189 V01 28.61 −11.79 30.14	0198 W01 34.67 −20.94 35.42	0207 X01 40.72 −30.09 40.69	0216 Y01 46.78 −39.24 45.97	0225 Z01 52.83 −48.39 51.24	0234 a01 58.88 −57.53 56.52	0729 b01 95.4 0.0 −0.01	0738 c01 89.12 8.91 9.43	0747 d01 82.83 17.83 18.87	0756 e01 76.55 26.75 28.31	0765 f01 70.27 35.67 37.76	0774 g01 63.98 44.59 47.2	0783 h01 57.7 53.52 56.64	0792 i01 51.41 62.44 66.08	0801 j01 45.14 71.35 75.52	0972 k01 0.02 0.0 −0.01	0981 l01 0.02 0.0 −0.01	0990 m01 0.02 0.0 −0.01	0999 n01 0.02 0.0 −0.01
02	0001 A02 2.07 5.72 −7.02	0010 B02 7.12 −4.13 −5.92	0019 C02 13.17 −13.28 −0.64	0028 D02 19.23 −22.43 4.63	0037 E02 25.28 −31.58 9.9	0046 F02 31.34 −40.73 15.18	0055 G02 37.39 −49.87 20.45	0064 H02 43.45 −59.02 25.73	0073 I02 49.5 −68.16 31.0	0082 J02 5.68 10.22 −1.16	0091 K02 11.94 0.0 −0.01	0100 L02 17.99 −9.14 5.27	0109 M02 24.04 −18.29 10.55	0118 N02 30.1 −27.44 15.82	0127 O02 36.15 −36.59 21.1	0136 P02 42.21 −45.74 26.38	0145 Q02 48.26 −54.89 31.65	0154 R02 54.31 −64.03 36.92	0163 S02 11.32 19.14 8.28	0172 T02 17.57 8.92 9.44	0181 U02 23.21 −1.32 12.43	0190 V02 29.26 −10.47 17.71	0199 W02 35.32 −19.62 22.99	0208 X02 41.37 −28.77 28.26	0217 Y02 47.43 −37.92 33.54	0226 Z02 53.48 −47.06 38.82	0235 a02 59.53 −56.21 44.09	0730 b02 90.58 −4.13 −5.92	0739 c02 83.49 0.0 −0.01	0748 d02 77.2 8.92 9.44	0757 e02 70.91 17.84 18.88	0766 f02 64.63 26.76 28.32	0775 g02 58.35 35.68 37.77	0784 h02 52.06 44.6 47.21	0793 i02 45.78 53.52 56.65	0802 j02 39.5 62.44 66.08	0973 k02 11.94 0.0 −0.01	0982 l02 11.94 0.0 −0.01	0991 m02 11.94 0.0 −0.01	1000 n02 11.94 0.0 −0.01
03	0002 A03 4.13 11.45 −14.04	0011 B03 9.18 1.59 −12.94	0020 C03 14.23 −8.27 −11.84	0029 D03 20.28 −17.42 −6.57	0038 E03 26.34 −26.57 −1.29	0047 F03 32.39 −35.72 3.98	0056 G03 38.45 −44.86 9.25	0065 H03 44.5 −54.01 14.53	0074 I03 50.55 −63.15 19.8	0083 J03 7.74 15.95 −8.18	0092 K03 13.99 5.73 −7.02	0101 L03 19.04 −4.13 −5.92	0110 M03 25.09 −13.28 −0.65	0119 N03 31.15 −22.43 4.62	0128 O03 37.2 −31.58 9.9	0137 P03 43.26 −40.73 15.17	0146 Q03 49.31 −49.88 20.45	0155 R03 55.36 −59.02 25.72	0164 S03 11.35 −2.32	0173 T03 17.6 −1.16	0182 U03 23.86 0.0	0191 V03 29.91 −9.14	0200 W03 35.96 −18.29	0209 X03 42.02 −27.44	0218 Y03 48.08 −36.59	0227 Z03 54.13 −45.74	0236 a03 60.18 −54.88	0731 b03 85.77 −8.27 −11.84	0740 c03 78.66 −4.13 −5.92	0749 d03 71.56 0.0 −0.01	0758 e03 65.27 8.92 9.44	0767 f03 58.99 17.84 18.88	0776 g03 52.7 26.76 28.32	0785 h03 46.42 35.68 37.77	0794 i03 40.14 44.6 47.21	0803 j03 33.86 53.52 56.64	0974 k03 23.86 0.0 −0.01	0983 l03 23.86 0.0 −0.01	0992 m03 23.86 0.0 −0.01	1001 n03 23.86 0.0 −0.01
04	0003 A04 6.19 17.18 −21.07	0012 B04 11.24 7.32 −19.97	0021 C04 16.29 −2.54 −18.87	0030 D04 21.34 −12.41 −17.77	0039 E04 27.39 −21.56 −12.49	0048 F04 33.45 −30.71 −7.22	0057 G04 39.5 −39.85 −1.94	0066 H04 45.56 −49.0 3.33	0075 I04 51.61 −58.14 8.6	0084 J04 9.8 11.68 −15.21	0093 K04 16.05 1.46 −14.05	0102 L04 21.1 1.59 −12.95	0111 M04 26.15 −8.27 −11.85	0120 N04 32.2 −17.42 −6.57	0129 O04 38.26 −26.57 −1.3	0138 P04 44.31 −35.72 3.97	0147 Q04 50.37 −44.87 9.25	0156 R04 56.42 −54.01 14.52	0165 S04 13.41 26.18 −9.34	0174 T04 19.66 15.96 −8.18	0183 U04 25.71 5.73 −7.02	0192 V04 31.97 30.96 −5.92	0201 W04 37.02 −0.65 −0.65	0210 X04 43.07 −10.24 4.62	0219 Y04 49.13 −19.39 9.9	0228 Z04 55.18 −40.73 15.17	0237 a04 61.23 −49.87 20.45	0732 b04 80.95 −19.1 −17.75	0741 c04 73.85 −12.41 −11.85	0750 d04 66.74 −4.13 −5.92	0759 e04 59.64 0.0 −0.01	0768 f04 53.35 8.92 9.44	0777 g04 47.06 17.84 18.88	0786 h04 40.78 26.76 28.32	0795 i04 34.5 35.68 37.77	0804 j04 28.22 44.59 47.2	0975 k04 35.79 0.0 −0.01	0984 l04 35.79 0.0 −0.01	0993 m04 35.79 0.0 −0.01	1002 n04 35.79 0.0 −0.01
05	0004 A05 8.25 22.91 −28.1	0013 B05 13.29 13.05 −27.0	0022 C05 18.34 3.18 −25.9	0031 D05 23.39 −6.68 −24.8	0040 E05 28.44 −16.55 −23.7	0049 F05 34.5 −25.7 −18.42	0058 G05 40.55 −34.84 −13.14	0067 H05 46.61 −43.99 −7.87	0076 I05 52.66 −53.13 −2.59	0085 J05 11.86 27.41 −22.24	0094 K05 17.11 17.19 −21.08	0103 L05 22.16 7.32 −19.98	0112 M05 27.21 −2.54 −18.88	0121 N05 33.26 −12.41 −17.77	0130 O05 39.31 −21.56 −12.5	0139 P05 45.37 −30.71 −7.22	0148 Q05 51.42 −39.86 −1.94	0157 R05 57.47 −49.0 3.32	0166 S05 15.47 31.91 −16.47	0175 T05 21.72 21.69 −15.21	0184 U05 27.97 11.46 −14.05	0193 V05 33.02 1.59 −12.95	0202 W05 38.07 −8.27 −11.85	0211 X05 44.13 −17.42 −6.57	0220 Y05 50.18 −26.57 −1.3	0229 Z05 56.24 −35.72 3.97	0238 a05 62.29 −44.86 9.24	0733 b05 76.13 −16.55 −23.7	0742 c05 69.03 −12.41 −17.77	0751 d05 61.92 −8.27 −11.85	0760 e05 54.81 −4.13 −5.92	0769 f05 47.71 0.0 −0.01	0778 g05 41.42 8.92 9.44	0787 h05 35.14 17.84 18.88	0796 i05 28.85 26.76 28.32	0805 j05 22.58 35.67 37.76	0976 k05 47.71 0.0 −0.01	0985 l05 47.71 0.0 −0.01	0994 m05 47.71 0.0 −0.01	1003 n05 47.71 0.0 −0.01
06	0005 A06 10.31 28.64 −35.13	0014 B06 15.35 18.78 −34.03	0023 C06 20.4 8.91 −32.93	0032 D06 25.45 −0.95 −31.82	0041 E06 30.5 −10.82 −30.72	0050 F06 35.55 −20.69 −29.62	0059 G06 41.61 −29.83 −24.35	0068 H06 47.66 −38.98 −19.07	0077 I06 53.71 −48.12 −13.8	0086 J06 13.91 −29.27	0095 K06 20.17 −28.11	0104 L06 25.22 −27.0	0113 M06 30.27 13.05 −25.9	0122 N06 35.32 3.18 −24.8	0131 O06 40.37 −6.68 −23.7	0140 P06 46.42 −16.55 −18.42	0149 Q06 52.48 −25.7 −13.15	0158 R06 58.53 −34.85 −7.88	0167 S06 17.52 −23.4	0176 T06 23.78 −22.24	0185 U06 30.03 27.42 −21.08	0194 V06 35.08 17.19 −19.98	0203 W06 40.13 7.32 −18.88	0212 X06 45.18 −2.54 −17.77	0221 Y06 51.24 −12.5 −12.5	0230 Z06 57.29 −22.1 −7.22	0239 a06 63.34 −31.71 −1.95	0734 b06 71.32 −20.69 −29.62	0743 c06 64.22 −16.55 −23.7	0752 d06 57.11 −12.41 −17.77	0761 e06 50.0 −8.27 −11.85	0770 f06 42.89 −4.13 −5.92	0779 g06 35.79 0.0 −0.01	0788 h06 29.5 8.92 9.44	0797 i06 23.21 17.84 18.88	0806 j06 16.93 26.75 28.31	0977 k06 59.64 0.0 −0.01	0986 l06 59.64 0.0 −0.01	0995 m06 59.64 0.0 −0.01	1004 n06 59.64 0.0 −0.01
07	0006 A07 17.41 34.37 −42.15	0015 B07 21.47 24.51 −41.05	0024 C07 22.46 14.64 −39.95	0033 D07 27.51 4.77 −38.85	0042 E07 32.56 −5.09 −37.75	0051 F07 37.61 −14.96 −36.65	0060 G07 42.66 −24.82 −35.55	0069 H07 47.71 −33.97 −30.27	0078 I07 52.76 −43.11 −25.0	0087 J07 17.97 38.87 −36.29	0096 K07 22.22 28.65 −35.13	0105 L07 27.27 18.78 −34.03	0114 M07 32.32 8.91 −32.93	0123 N07 37.37 −0.95 −31.83	0132 O07 42.42 −10.82 −30.73	0141 P07 47.47 −20.69 −29.63	0150 Q07 52.52 −29.84 −24.35	0159 R07 57.57 −38.98 −19.08	0168 S07 43.58 43.37 −30.43	0177 T07 33.83 33.15 −29.27	0186 U07 38.83 22.92 −28.11	0195 V07 43.88 13.05 −27.0	0204 W07 48.93 3.18 −25.9	0213 X07 53.98 −6.68 −24.8	0222 Y07 59.03 −16.55 −23.7	0231 Z07 64.08 −25.7 −18.42	0240 a07 69.13 −34.84 −13.15	0735 b07 66.5 −24.82 −35.55	0744 c07 59.4 −20.69 −29.63	0753 d07 52.29 −16.55 −23.7	0762 e07 45.18 −12.41 −17.77	0771 f07 38.07 −8.27 −11.85	0780 g07 30.96 −4.13 −5.92	0789 h07 23.86 0.0 −0.01	0798 i07 17.57 8.92 9.44	0807 j07 11.29 17.83 18.87	0978 k07 71.56 0.0 −0.01	0987 l07 71.56 0.0 −0.01	0996 m07 71.56 0.0 −0.01	1005 n07 71.56 0.0 −0.01
08	0007 A08 14.42 40.1 −49.18	0016 B08 19.47 30.24 −48.08	0025 C08 24.52 20.37 −46.98	0034 D08 29.57 10.5 −45.88	0043 E08 34.62 0.63 −44.78	0052 F08 39.67 −9.21 −43.68	0061 G08 44.72 −19.09 −42.58	0070 H08 49.77 −28.96 −41.47	0079 I08 55.82 −38.1 −36.2	0088 J08 18.03 −43.32	0097 K08 24.28 34.38 −42.16	0106 L08 29.33 24.51 −41.06	0115 M08 34.38 14.64 −39.96	0124 N08 39.43 4.77 −38.86	0133 O08 44.48 −5.09 −37.76	0142 P08 49.53 −14.96 −36.65	0151 Q08 54.58 −24.83 −35.55	0160 R08 60.63 −33.97 −30.28	0169 S08 21.64 49.1 −37.45	0178 T08 27.89 38.88 −36.29	0187 U08 32.94 28.65 −35.13	0196 V08 39.2 18.78 −34.03	0205 W08 44.25 8.91 −32.93	0214 X08 49.3 −0.95 −31.83	0223 Y08 54.35 −10.82 −30.73	0232 Z08 59.4 −20.69 −29.63	0241 a08 65.45 −29.83 −24.35	0736 b08 61.69 −28.96 −41.47	0745 c08 54.58 −24.83 −35.55	0754 d08 47.47 −20.69 −29.63	0763 e08 40.37 −16.55 −23.7	0772 f08 33.26 −12.41 −17.77	0781 g08 26.15 −8.27 −11.85	0790 h08 19.04 −4.13 −5.92	0799 i08 11.94 0.0 −0.01	0808 j08 5.65 8.92 9.43	0979 k08 83.49 0.0 −0.01	0988 l08 83.49 0.0 −0.01	0997 m08 83.49 0.0 −0.01	1006 n08 83.49 0.0 −0.01
09	0008 A09 16.48 45.83 −56.1	0017 B09 21.53 35.96 −55.1	0026 C09 26.58 26.1 −54.0	0035 D09 31.63 16.23 −52.9	0044 E09 36.68 6.36 −51.8	0053 F09 41.73 −3.5 −50.7	0062 G09 46.78 −13.37 −49.6	0071 H09 51.83 −23.24 −48.5	0080 I09 56.87 −33.1 −47.4	0089 J09 20.09 30.21 −50.34	0098 K09 26.34 40.1 −49.18	0107 L09 31.39 30.23 −48.08	0116 M09 36.44 20.36 −46.98	0125 N09 41.49 10.49 −45.88	0134 O09 46.54 0.63 −44.78	0143 P09 51.59 −9.23 −43.68	0152 Q09 56.64 −19.1 −42.57	0161 R09 61.69 −28.96 −41.47	0170 S09 23.7 54.82 −44.48	0179 T09 29.95 44.6 −43.32	0188 U09 36.21 34.37 −42.16	0197 V09 41.26 24.5 −41.06	0206 W09 46.31 14.63 −39.96	0215 X09 51.36 4.76 −38.86	0224 Y09 56.41 −5.09 −37.76	0233 Z09 61.46 −14.96 −36.65	0242 a09 66.5 −24.82 −35.55	0737 b09 56.87 −33.1 −47.4	0746 c09 49.77 −28.96 −41.47	0755 d09 42.66 −24.82 −35.55	0764 e09 35.55 −20.69 −29.62	0773 f09 28.44 −16.55 −23.7	0782 g09 21.34 −12.41 −17.77	0791 h09 14.23 −8.27 −11.84	0800 i09 7.12 −4.13 −5.92	0809 j09 0.02 0.0 −0.01	0980 k09 95.4 0.0 −0.01	0989 l09 95.4 0.0 −0.01	0998 m09 95.4 0.0 −0.01	1007 n09 95.4 0.0 −0.01
10	0243 A10 16.93 26.75 28.31	0252 B10 22.56 16.51 31.31	0261 C10 28.2 6.27 34.31	0270 D10 33.83 −3.97 37.3	0279 E10 39.49 −13.12 42.58	0288 F10 45.14 −22.27 47.85	0297 G10 50.8 −31.42 53.13	0306 H10 56.45 −40.56 58.41	0315 I10 62.1 −49.71 63.68	0324 J10 22.8 35.67 37.76	0333 K10 28.21 25.43 40.75	0342 L10 33.84 15.19 43.75	0351 M10 39.48 4.94 46.74	0360 N10 45.11 −5.29 49.74	0369 O10 51.17 −14.44 55.02	0378 P10 57.22 −23.59 60.29	0387 Q10 63.28 −32.74 65.57	0396 R10 69.33 −41.88 70.84	0405 S10 28.22 44.59 47.2	0414 T10 33.85 34.36 50.19	0423 U10 39.48 24.11 53.19	0432 V10 45.12 13.86 56.19	0441 W10 50.75 3.62 59.18	0450 X10 56.39 −6.62 62.18	0459 Y10 62.44 −15.77 67.46	0468 Z10 68.5 −24.92 72.73	0477 a10 74.55 −34.06 78.0	0810 b10 95.4 0.0 −0.01	0819 c10 94.75 −1.32 12.43	0828 d10 94.1 −2.64 24.86	0837 e10 93.45 −3.97 37.3	0846 f10 92.8 −5.29 49.74	0855 g10 92.15 −6.62 62.18	0864 h10 91.5 −7.94 74.62	0873 i10 90.85 −9.27 87.06	0882 j10 90.21 −10.59 99.49	1008 k10 0.02 0.0 −0.01	1024 l10 0.02 0.0 −0.01	1040 m10 0.02 0.0 −0.01	1056 n10 0.02 0.0 −0.01
11	0244 A11 23.21 28.06 17.72	0253 B11 28.25 17.84 18.88	0262 C11 33.28 7.59 21.88	0271 D11 38.31 −2.65 24.87	0280 E11 43.35 −11.79 30.15	0289 F11 48.38 −20.94 35.43	0298 G11 53.41 −30.09 40.7	0307 H11 58.45 −39.24 45.98	0316 I11 63.48 −48.38 51.25	0325 J11 23.46 27.16	0334 K11 28.51 28.26 28.32	0343 L11 33.56 26.76 31.32	0352 M11 38.61 16.51 34.32	0361 N11 43.66 6.27 37.31	0370 O11 48.71 −3.97 42.59	0379 P11 53.76 −13.12 47.86	0388 Q11 58.81 −22.27 53.14	0397 R11 63.87 −31.42 58.41	0406 S11 29.97 45.9 36.6	0415 T11 35.21 35.68 37.77	0424 U11 40.74 25.43 40.76	0433 V11 46.28 15.19 43.76	0442 W11 51.81 4.94 46.75	0451 X11 57.35 −5.3 49.75	0460 Y11 62.88 −14.44 55.03	0469 Z11 68.42 −23.59 60.3	0478 a11 73.95 −32.73 65.57	0811 b11 85.54 5.72 −7.02	0820 c11 83.49 0.0 −0.01	0829 d11 81.45 −1.32 12.43	0838 e11 79.41 −2.65 24.87	0847 f11 77.36 −3.97 37.31	0856 g11 75.32 −5.3 49.75	0865 h11 73.28 −6.62 62.19	0874 i11 71.23 −7.95 74.63	0883 j11 69.19 −9.27 87.06	1009 k11 6.57 0.0 −0.01	1025 l11 6.57 0.0 −0.01	1041 m11 6.57 0.0 −0.01	1057 n11 6.57 0.0 −0.01
12	0245 A12 16.99 29.37 7.12	0254 B12 23.24 19.15 8.28	0263 C12 29.5 8.92 9.44	0272 D12 35.13 −1.32 12.43	0281 E12 41.19 −10.47 17.71	0290 F12 47.24 −19.62 22.99	0299 G12 53.3 −28.77 28.26	0308 H12 59.35 −37.92 33.54	0317 I12 65.4 −47.06 38.81	0326 J12 22.63 38.29 16.56	0335 K12 28.88 28.07 17.72	0344 L12 35.14 17.84 18.88	0353 M12 40.77 7.59 21.88	0362 N12 46.41 −2.65 24.87	0371 O12 52.46 −11.79 30.15	0380 P12 58.52 −20.94 35.43	0389 Q12 64.57 −30.09 40.7	0398 R12 70.62 −39.23 45.97	0407 S12 28.27 47.26 26.0	0416 T12 34.52 36.99 27.16	0425 U12 40.78 26.76 28.32	0434 V12 46.41 16.53 31.32	0443 W12 52.05 6.29 34.32	0452 X12 57.68 −3.97 37.31	0461 Y12 63.74 −13.12 42.59	0470 Z12 69.79 −22.27 47.86	0479 a12 75.84 −31.41 53.14	0812 b12 75.67 11.45 −14.04	0821 c12 73.61 5.73 −7.02	0830 d12 71.56 0.0 −0.01	0839 e12 70.91 −1.32 12.43	0848 f12 70.26 −2.65 24.87	0857 g12 69.61 −3.97 37.31	0866 h12 68.96 −5.3 49.75	0875 i12 68.31 −6.62 62.19	0884 j12 67.66 −7.94 74.62	1010 k12 12.73 0.0 −0.01	1026 l12 12.73 0.0 −0.01	1042 m12 12.73 0.0 −0.01	1058 n12 12.73 0.0 −0.01
13	0246 A13 17.02 30.68 −3.48	0255 B13 23.27 20.46 −2.32	0264 C13 29.52 10.23 −1.16	0273 D13 35.79 0.0 −0.01	0282 E13 41.84 −9.14 5.27	0291 F13 47.89 −18.29 10.55	0300 G13 53.95 −27.44 15.82	0309 H13 60.0 −36.59 21.1	0318 I13 66.05 −45.73 26.37	0327 J13 22.66 39.6 −5.95	0336 K13 28.91 29.38 8.28	0345 L13 35.16 19.15 9.44	0354 M13 41.42 8.92 12.43	0363 N13 47.06 −1.32 17.71	0372 O13 53.11 −10.47 22.99	0381 P13 59.17 −19.62 28.26	0390 Q13 65.22 −28.77 33.53	0399 R13 71.27 −37.91 38.8	0408 S13 28.3 48.52 15.4	0417 T13 34.55 38.3 15.4	0426 U13 40.81 28.07 16.56	0435 V13 46.97 17.84 22.72	0444 W13 53.13 7.59 18.88	0453 X13 59.29 −2.65 21.88	0462 Y13 65.44 −11.79 24.87	0471 Z13 70.44 −20.94 30.15	0480 a13 76.49 −30.08 35.43	0813 b13 65.8 17.18 −21.07	0822 c13 63.75 11.46 −14.05	0831 d13 61.69 5.73 −7.02	0840 e13 59.64 0.0 −0.01	0849 f13 58.98 −1.32 12.43	0858 g13 58.33 −2.65 24.87	0867 h13 57.68 −3.97 37.31	0876 i13 57.03 −5.3 49.75	0885 j13 56.39 −6.62 62.18	1011 k13 19.09 0.0 −0.01	1027 l13 19.09 0.0 −0.01	1043 m13 19.09 0.0 −0.01	1059 n13 19.09 0.0 −0.01
14	0247 A14 19.08 36.41 −10.51	0256 B14 25.33 26.19 −9.35	0265 C14 31.58 15.96 −8.18	0274 D14 37.84 5.73 −7.02	0283 E14 42.89 −4.13 −5.92	0292 F14 48.94 −13.28 −0.65	0301 G14 55.0 −22.43 4.62	0310 H14 61.05 −31.58 9.9	0319 I14 67.1 −40.72 15.17	0328 J14 22.69 46.64 −4.64	0337 K14 28.94 35.19 −3.48	0346 L14 35.19 19.41 −2.32	0355 M14 41.45 10.23 −1.16	0364 N14 47.71 0.0 −0.01	0373 O14 53.76 −9.14 5.27	0382 P14 59.82 −18.29 10.55	0391 Q14 65.87 −27.44 15.82	0400 R14 71.92 −36.58 21.1	0409 S14 28.33 49.93 4.79	0418 T14 34.58 39.61 5.95	0427 U14 40.83 29.38 7.12	0436 V14 47.09 19.15 8.28	0445 W14 53.35 8.92 9.44	0454 X14 58.98 −1.32 12.43	0463 Y14 65.04 −10.47 17.71	0472 Z14 71.09 −19.62 22.99	0481 a14 77.14 −28.76 28.26	0814 b14 55.94 22.91 −28.1	0823 c14 53.88 17.19 −21.08	0832 d14 51.82 11.46 −14.05	0841 e14 49.76 5.73 −7.02	0850 f14 47.71 0.0 −0.01	0859 g14 47.06 −1.32 12.43	0868 h14 46.41 −2.65 24.87	0877 i14 45.76 −3.97 37.31	0886 j14 45.11 −5.29 49.74	1012 k14 25.45 0.0 −0.01	1028 l14 25.45 0.0 −0.01	1044 m14 25.45 0.0 −0.01	1060 n14 25.45 0.0 −0.01
15	0248 A15 23.13 42.14 −17.53	0257 B15 27.39 31.92 −16.37	0266 C15 31.64 21.69 −15.21	0275 D15 35.9 11.46 −14.05	0284 E15 40.15 1.59 −12.95	0293 F15 44.39 −8.27 −11.85	0302 G15 48.64 −17.42 −6.57	0311 H15 52.9 −26.57 −1.3	0320 I15 57.15 −35.71 3.97	0329 J15 23.64 46.64 −11.67	0338 K15 29.89 36.42 −10.51	0347 L15 36.15 26.19