

Supplementary Information for Confirmation of Gaseous Methanediol from State-of-the-Art Theoretical Rovibrational Characterization

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Table S1 Included VPT2 Resonances and Polyads for both conformations of methanediol for F12-XZ-cCR Quartic Force Fields

	C ₂ methanediol	C _s methanediol
Fermi Resonances		
	$\nu_{15} + \nu_{13} = \nu_{10}$	$\nu_{15} + \nu_2 = \nu_1$
	$\nu_{14} + \nu_{13} = \nu_{11}$	$\nu_{15} + \nu_{12} = \nu_{10}$
	$\nu_{15} + \nu_{13} = \nu_{12}$	$2\nu_{13} = \nu_{14} + \nu_{13} = \nu_{11}$
	$2\nu_{14} = 2\nu_{15} = \nu_{13}$	$\nu_{14} + \nu_{13} = \nu_{12}$
	$\nu_6 + \nu_5 = \nu_8 + \nu_5 = \nu_3$	$2\nu_{15} = \nu_{14}$
	$2\nu_5 = 2\nu_6 = \nu_7 + \nu_5 = \nu_4$	$2\nu_5 = \nu_7 + \nu_5 = \nu_3$
	$\nu_{14} + \nu_9 = \nu_{15} + \nu_{12} = \nu_5$	$2\nu_5 = 2\nu_6 = 2\nu_7 = \nu_7 + \nu_5 = \nu_8 + \nu_6 = \nu_4$
	$\nu_{14} + \nu_{10} = \nu_{15} + \nu_9 = \nu_{15} + \nu_{11} = \nu_6$	$\nu_{14} + \nu_{12} = \nu_{15} + \nu_8 = \nu_{15} + \nu_9 = \nu_5$
	$\nu_{14} + \nu_9 = \nu_{14} + \nu_{11} = \nu_{15} + \nu_{10} = \nu_7$	$\nu_{13} + \nu_{10} = \nu_{14} + \nu_9 = \nu_{14} + \nu_{10} = \nu_{15} + \nu_7 = \nu_6$
	$\nu_{15} + \nu_{11} = \nu_8$	$\nu_{14} + \nu_{11} = \nu_{15} + \nu_8 = \nu_{15} + \nu_{10} = \nu_7$
	$2\nu_{13} = \nu_{15} + \nu_{12} = \nu_9$	$\nu_{14} + \nu_{10} = \nu_{15} + \nu_{11} = \nu_8$
		$\nu_{15} + \nu_{11} = \nu_{15} + \nu_{12} = \nu_9$
Darling-Dennison Resonances		
	$2\nu_2 = 2\nu_1$	$2\nu_2 = 2\nu_1$
	$2\nu_4 = 2\nu_3$	$2\nu_4 = 2\nu_3$
	$2\nu_6 = 2\nu_5$	$2\nu_6 = 2\nu_5$
	$2\nu_7 = 2\nu_5$	$2\nu_7 = 2\nu_5$
	$2\nu_7 = 2\nu_6$	$2\nu_7 = 2\nu_6$
	$2\nu_8 = 2\nu_6$	$2\nu_8 = 2\nu_5$
	$2\nu_8 = 2\nu_7$	$2\nu_8 = 2\nu_6$
	$2\nu_{10} = 2\nu_9$	$2\nu_8 = 2\nu_7$
	$2\nu_{11} = 2\nu_{10}$	$2\nu_{10} = 2\nu_9$
	$2\nu_{12} = 2\nu_{10}$	$2\nu_{11} = 2\nu_9$
	$2\nu_{12} = 2\nu_{11}$	$2\nu_{11} = 2\nu_{10}$
		$2\nu_{12} = 2\nu_{10}$
		$2\nu_{12} = 2\nu_{11}$
Coriolis Resonances		
B-type		
	$\nu_7 = \nu_5$	$\nu_8 = \nu_5$
	$\nu_{12} = \nu_{10}$	
C-type		
	$\nu_6 = \nu_5$	$\nu_6 = \nu_5$
	$\nu_8 = \nu_5$	$\nu_8 = \nu_5$
	$\nu_{10} = \nu_9$	$\nu_8 = \nu_7$
	$\nu_{11} = \nu_{10}$	$\nu_{11} = \nu_{10}$
	$\nu_{12} = \nu_9$	$\nu_{12} = \nu_9$

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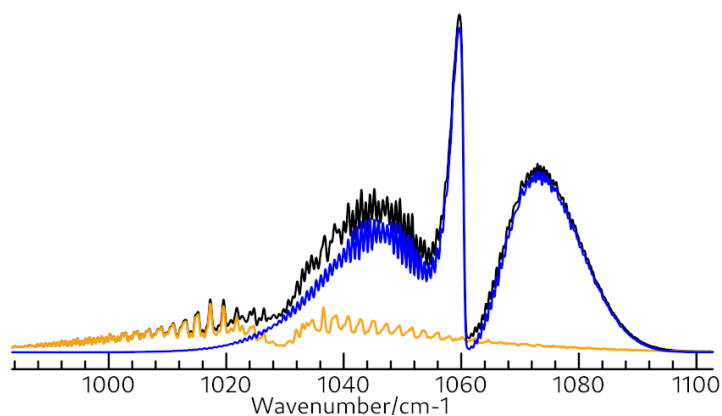


Figure S1 F12-TZ-cCR spectra for ν_{10} O-C-O antisym stretch (blue), ν_{11} sym stretch (yellow), and combined (black)

Table S2 C_2 Methanediol Harmonic Vibrational Frequencies

Mode	Description	F12-TZ-cCR	F12-DZ-cCR	Int.
$\omega_1(a)$	sym. OH stret.	3836.3	3839.9	34
$\omega_2(b)$	anti. OH stret.	3836.1	3839.7	58
$\omega_3(b)$	anti. CH stret.	3116.5	3114.6	28
$\omega_4(a)$	sym. CH stret.	3061.5	3061.0	48
$\omega_5(a)$	CH ₂ sciss.	1546.2	1547.7	1
$\omega_6(b)$	CH ₂ wag	1460.6	1462.9	46
$\omega_7(a)$	CH ₂ twist	1408.1	1410.5	2
$\omega_8(b)$	anti. COH bend	1387.0	1389.3	30
$\omega_9(a)$	sym. COH bend	1221.8	1222.6	2
$\omega_{10}(b)$	anti. OCO stret.	1097.9	1096.3	266
$\omega_{11}(a)$	sym. OCO stret.	1057.5	1056.6	96
$\omega_{12}(b)$	CH rock	1022.1	1022.1	17
$\omega_{13}(a)$	OCO bend	566.8	566.7	63
$\omega_{14}(a)$	sym. COH torsion	379.4	377.7	55
$\omega_{15}(b)$	anti. COH torsion	369.3	369.0	164

Vibrational frequencies given in cm^{-1} . Harmonic intensities given in km/mol calculated at the MP2/aug-cc-pVTZ level

Table S3 C_3 Methanediol Harmonic Vibrational Frequencies

Mode	Description	F12-TZ-cCR	F12-DZ-cCR	Int.
$\omega_1(a'')$	anti. OH stret.	3852.4	3855.7	21
$\omega_2(a')$	sym. OH stret.	3850.4	3853.7	55
$\omega_3(a')$	CH ₂ stret.	3154.7	3153.6	17
$\omega_4(a')$	CH ₁ stret.	3027.1	3025.8	58
$\omega_5(a')$	CH ₂ sciss.	1533.5	1535.1	1
$\omega_6(a'')$	CH ₂ wag	1452.2	1454.5	24
$\omega_7(a')$	CH ₂ twist	1428.5	1431.1	18
$\omega_8(a'')$	COH bend	1389.0	1391.5	2
$\omega_9(a'')$	COH bend	1179.5	1181.4	61
$\omega_{10}(a'')$	anti. OCO stret.	1091.8	1090.1	310
$\omega_{11}(a')$	sym. OCO stret.	1080.5	1079.1	37
$\omega_{12}(a')$	CH ₂ rock	1010.3	1010.4	47
$\omega_{13}(a')$	OCO bend	545.5	545.1	25
$\omega_{14}(a')$	sym. COH torsion	382.3	379.9	116
$\omega_{15}(a'')$	anti. COH torsion	170.3	166.3	72

Vibrational frequencies given in cm^{-1} . Harmonic intensities given in km/mol calculated at the MP2/aug-cc-pVTZ level

Table S4 C_s Methanediol Geometry

Parameter	Units	F12-TZ-cCR	F12-DZ-cCR
r ₀ (C1-H2)	Å	1.104	1.105
r ₀ (C1-H3)	Å	1.095	1.096
r ₀ (C1-O4)	Å	1.410	1.411
r ₀ (C1-O5)	Å	1.410	1.411
r ₀ (O4-H6)	Å	0.932	0.931
r ₀ (O5-H7)	Å	0.932	0.931
∠ ₀ (C1-H2-H3)	deg	109.834	109.816
∠ ₀ (C1-O4-H2)	deg	110.575	110.573
∠ ₀ (C1-O5-H3)	deg	106.336	106.351
∠ ₀ (O4-C1-H6)	deg	110.050	109.940
∠ ₀ (O5-C1-H7)	deg	110.050	109.940

Table S5 C_s Methanediol Rotational Constants

Parameter	Units	F12-TZ-cCR	F12-DZ-cCR
A _e	MHz	43513.4	43475.3
B _e	MHz	9992.7	9975.3
C _e	MHz	8978.5	8964.4
A ₀	MHz	42821.6	42772.7
B ₀	MHz	9972.1	9957.7
C ₀	MHz	8912	8899.2
A ₁	MHz	42679.7	42630.6
B ₁	MHz	9965.3	9951.2
C ₁	MHz	8906.5	8893.8
A ₂	MHz	42680.3	42631.1
B ₂	MHz	9965.7	9951.6
C ₂	MHz	8906.8	8894.1
A ₃	MHz	42755.7	42707.1
B ₃	MHz	9977.2	9962.8
C ₃	MHz	8917.2	8904.4
A ₄	MHz	42725.4	42676.6
B ₄	MHz	9980.8	9966.5
C ₄	MHz	8920.3	8907.6
A ₅	MHz	42719	42670.4
B ₅	MHz	9985.8	9971.3
C ₅	MHz	8904.9	8892
A ₆	MHz	42713.3	42664.4
B ₆	MHz	9986.8	9972.6
C ₆	MHz	8906.8	8893.9
A ₇	MHz	42932.3	42881.5
B ₇	MHz	9946.5	9931.8
C ₇	MHz	8902.9	8890.1
A ₈	MHz	42658.3	42609.6
B ₈	MHz	9959.3	9944.8
C ₈	MHz	8918.4	8905.5
A ₉	MHz	42735.6	42683.9
B ₉	MHz	9975.1	9960.8
C ₉	MHz	8916.3	8903.5
A ₁₀	MHz	42489.8	42442.1
B ₁₀	MHz	9979.9	9968.3
C ₁₀	MHz	8864.6	8852.4
A ₁₁	MHz	42925.2	42884.4
B ₁₁	MHz	9862.5	9846
C ₁₁	MHz	8867.5	8854.9
A ₁₂	MHz	42621.7	42566
B ₁₂	MHz	9937.1	9922.8
C ₁₂	MHz	8882.6	8869.4
A ₁₃	MHz	43066.5	43017.4
B ₁₃	MHz	9951.7	9937.2
C ₁₃	MHz	8882.9	8870.1
A ₁₄	MHz	42765.4	42716.5
B ₁₄	MHz	9993	9979
C ₁₄	MHz	8907.4	8894.7
A ₁₅	MHz	42472.2	42402.8
B ₁₅	MHz	10074.1	10064.2
C ₁₅	MHz	8942.5	8931.2

Table S6 C_s Methanediol Distortion Constants

Parameter	Units	F12-TZ-cCR	F12-DZ-cCR
Δ_J	kHz	9.26	9.254
Δ_K	kHz	390.245	389.294
Δ_{JK}	kHz	2.816	4.906
δ_J	kHz	1.657	1.66
δ_{JK}	kHz	4.091	3.301
Φ_J	mHz	15.977	16.175
Φ_K	Hz	31.703	33.636
Φ_{JK}	Hz	1.215	1.324
Φ_{KJ}	Hz	-21.264	-23.255
ϕ_j	mHz	7.126	7.218
ϕ_{jk}	mHz	267.098	278.348
ϕ_k	Hz	3.995	3.488
μ_x	D	0.06	
μ_y	D	2.72	
μ	D	2.72	

Table S7 C₂ methanediol force constants in mdyne/Åⁿrad^m with coordinates matching those from Eqs. 1-15 of the main text.

	F12-TZ-cCR	F12-DZ-cCR
F _{1,1,0,0}	5.317606677994	5.316555202899
F _{2,1,0,0}	0.393907393187	0.396038000262
F _{2,2,0,0}	6.269223747892	6.252227060585
F _{3,1,0,0}	-0.027068532695	-0.026758021886
F _{3,2,0,0}	-0.002159656370	0.000579050786
F _{3,3,0,0}	8.235017863768	8.250676335740
F _{4,1,0,0}	0.092345412568	0.094152368816
F _{4,2,0,0}	-0.324413045134	-0.323884633782
F _{4,3,0,0}	-0.072845992959	-0.072531032742
F _{4,4,0,0}	1.052316767369	1.054392584787
F _{5,1,0,0}	-0.016836169083	-0.016234516071
F _{5,2,0,0}	-0.173515525058	-0.173883973252
F _{5,3,0,0}	-0.024733327488	-0.024401583941
F _{5,4,0,0}	0.229738821316	0.230051440783
F _{5,5,0,0}	1.511494186812	1.511863482050
F _{6,1,0,0}	0.031474430081	0.031573988381
F _{6,2,0,0}	0.375462228480	0.376717961514
F _{6,3,0,0}	0.169357584839	0.171239798428
F _{6,4,0,0}	-0.059384695608	-0.060117714145
F _{6,5,0,0}	0.016502073135	0.014505080134
F _{6,6,0,0}	0.793938460028	0.797717957679
F _{7,1,0,0}	-0.078135288738	-0.079251212094
F _{7,2,0,0}	0.291938068034	0.292591598879
F _{7,3,0,0}	-0.125520199814	-0.125992906665
F _{7,4,0,0}	0.524391559154	0.524899851055
F _{7,5,0,0}	-0.736166815615	-0.734006129289
F _{7,6,0,0}	-0.197933492837	-0.197205917930
F _{7,7,0,0}	2.412376426502	2.412230361544
F _{8,1,0,0}	0.011271796232	0.011226760648
F _{8,2,0,0}	-0.016864012308	-0.017092032617
F _{8,3,0,0}	0.033790582230	0.033501457561
F _{8,4,0,0}	-0.060584027838	-0.060160526865
F _{8,5,0,0}	-0.001017215637	0.000649160401
F _{8,6,0,0}	-0.035191369952	-0.034866598265
F _{8,7,0,0}	-0.015023496885	-0.015943845260
F _{8,8,0,0}	0.083361882931	0.082796280244
F _{9,9,0,0}	5.201663236901	5.195899423093
F _{10,10,0,0}	4.848948733640	4.835555698229
F _{10,9,0,0}	0.024866084712	0.024971259086
F _{11,10,0,0}	0.020309833196	0.023256888527
F _{11,11,0,0}	8.231200349055	8.246755313197
F _{11,9,0,0}	0.030334855962	0.030312056429
F _{12,10,0,0}	0.165391783754	0.165556443800
F _{12,11,0,0}	-0.093831246484	-0.094225176321
F _{12,12,0,0}	1.390124943901	1.392418300915
F _{12,9,0,0}	0.155357540766	0.156678814817
F _{13,10,0,0}	0.369698118545	0.371028011713
F _{13,11,0,0}	0.160407679980	0.162275882066
F _{13,12,0,0}	-0.125136798063	-0.125777121845

F _{13,13,0,0}	0.787150617766	0.790782427529
F _{13,9,0,0}	-0.030168843021	-0.030807312847
F _{14,10,0,0}	-0.469125991887	-0.469293830299
F _{14,11,0,0}	-0.055456848158	-0.055648769101
F _{14,12,0,0}	0.545690968992	0.546739623033
F _{14,13,0,0}	-0.129555935774	-0.129794879539
F _{14,14,0,0}	0.691109056276	0.693409818577
F _{14,9,0,0}	0.117948938949	0.118605342097
F _{15,10,0,0}	-0.013924284637	-0.013456066399
F _{15,11,0,0}	0.014697446777	0.014906267678
F _{15,12,0,0}	0.017271306659	0.018340097156
F _{15,13,0,0}	-0.037079939841	-0.036766791353
F _{15,14,0,0}	0.036390661216	0.036615314880
F _{15,15,0,0}	0.057002648094	0.056906803244
F _{15,9,0,0}	0.008161704844	0.008252005103
F _{1,1,1,0}	-21.727979284247	-21.783691786547
F _{2,1,1,0}	0.323460790470	0.318462227633
F _{2,2,1,0}	-1.449514503444	-1.441228715705
F _{2,2,2,0}	-26.263115948893	-26.122084637796
F _{3,1,1,0}	-0.023695024310	-0.022959058088
F _{3,2,1,0}	0.012753434307	0.012478791469
F _{3,2,2,0}	-0.499454041619	-0.494454936104
F _{3,3,1,0}	0.009741264237	0.010956908457
F _{3,3,2,0}	0.275442715152	0.275048349821
F _{3,3,3,0}	-40.932040013943	-40.997667050269
F _{4,1,1,0}	-0.231806176188	-0.240133743099
F _{4,2,1,0}	0.292112452803	0.293327052002
F _{4,2,2,0}	0.065464164980	0.065619641674
F _{4,3,1,0}	0.000210631129	0.000028465857
F _{4,3,2,0}	0.193475601944	0.191920641366
F _{4,3,3,0}	-0.027614138726	-0.027886626957
F _{4,4,1,0}	-0.541197702856	-0.543381208825
F _{4,4,2,0}	-0.487846401495	-0.483890225168
F _{4,4,3,0}	-0.106087316728	-0.104817843316
F _{4,4,4,0}	0.448875115031	0.437621422530
F _{5,1,1,0}	0.124020475173	0.121822648149
F _{5,2,1,0}	-0.134710929194	-0.137188845374
F _{5,2,2,0}	0.955232415414	0.956592062377
F _{5,3,1,0}	-0.008194237843	-0.008529917647
F _{5,3,2,0}	0.028456275101	0.027518764942
F _{5,3,3,0}	0.019902174790	0.018318487802
F _{5,4,1,0}	-0.168953023266	-0.169119445321
F _{5,4,2,0}	0.080505123295	0.084052853348
F _{5,4,3,0}	-0.089667964576	-0.087476343453
F _{5,4,4,0}	0.890957944645	0.887894459515
F _{5,5,1,0}	-0.364221782173	-0.368108904456
F _{5,5,2,0}	-1.969797141434	-1.972907021612
F _{5,5,3,0}	-0.015598010430	-0.013317994226
F _{5,5,4,0}	-0.574130194041	-0.581159502162
F _{5,5,5,0}	-0.675475792426	-0.685926976827
F _{6,1,1,0}	0.041829795311	0.042169209202
F _{6,2,1,0}	-0.045032255864	-0.044655559192

F _{6,2,2,0}	-0.458383354902	-0.461922364585
F _{6,3,1,0}	-0.006081860756	-0.004576776474
F _{6,3,2,0}	-0.282314161296	-0.282279855076
F _{6,3,3,0}	-0.003732961947	-0.011139039791
F _{6,4,1,0}	0.040566816066	0.041130837827
F _{6,4,2,0}	-0.126359113235	-0.126323368803
F _{6,4,3,0}	0.055918932835	0.053984384348
F _{6,4,4,0}	-0.130535786319	-0.127043703678
F _{6,5,1,0}	0.011979202169	0.011824654285
F _{6,5,2,0}	-0.094345245554	-0.093473593599
F _{6,5,3,0}	0.032128210044	0.029919014271
F _{6,5,4,0}	-0.062399427431	-0.058896642586
F _{6,5,5,0}	0.002504082496	0.003510139739
F _{6,6,1,0}	-0.042770126676	-0.041708170349
F _{6,6,2,0}	-0.570976593271	-0.574391326396
F _{6,6,3,0}	-0.108352441157	-0.106083445557
F _{6,6,4,0}	0.020182203995	0.019428629907
F _{6,6,5,0}	0.012682306739	0.011762131457
F _{6,6,6,0}	-0.682061100215	-0.679666584919
F _{7,1,1,0}	-0.172296202095	-0.171569022329
F _{7,2,1,0}	0.413253490706	0.415433864994
F _{7,2,2,0}	-1.969883303713	-1.971272940897
F _{7,3,1,0}	-0.021193479409	-0.021275583871
F _{7,3,2,0}	0.342706021902	0.343001729693
F _{7,3,3,0}	-0.054687509729	-0.052949503131
F _{7,4,1,0}	-0.188960897875	-0.191265178397
F _{7,4,2,0}	-0.517287267207	-0.521725746891
F _{7,4,3,0}	-0.104876491436	-0.106729248631
F _{7,4,4,0}	0.671385890706	0.677215989701
F _{7,5,1,0}	-0.082532240052	-0.082143624835
F _{7,5,2,0}	1.947343194628	1.946569538801
F _{7,5,3,0}	-0.132895805927	-0.133733411898
F _{7,5,4,0}	1.196637308777	1.206927928975
F _{7,5,5,0}	-0.525340607437	-0.522193239983
F _{7,6,1,0}	0.064709126866	0.065539156049
F _{7,6,2,0}	-0.010120408181	-0.010815962534
F _{7,6,3,0}	0.002778841913	0.003621623704
F _{7,6,4,0}	-0.180297188202	-0.183300179131
F _{7,6,5,0}	-0.111832273254	-0.112944702519
F _{7,6,6,0}	0.097521009035	0.096523629832
F _{7,7,1,0}	-0.191614026089	-0.191555212143
F _{7,7,2,0}	-4.434834320899	-4.434811370037
F _{7,7,3,0}	0.094380289410	0.095974577162
F _{7,7,4,0}	0.790846565582	0.782950220981
F _{7,7,5,0}	2.226863550997	2.228366516203
F _{7,7,6,0}	0.045336126513	0.045604706801
F _{7,7,7,0}	-4.140956157969	-4.143445894089
F _{8,1,1,0}	-0.004360677696	-0.004252426201
F _{8,2,1,0}	-0.031092739161	-0.031433105057
F _{8,2,2,0}	0.175356127731	0.175034705734
F _{8,3,1,0}	0.015938283688	0.015988678243
F _{8,3,2,0}	-0.083558466308	-0.082344386598

F _{8,3,3,0}	-0.011590916269	-0.011490336197
F _{8,4,1,0}	0.000400667518	0.000325502626
F _{8,4,2,0}	0.089775819710	0.085984836680
F _{8,4,3,0}	-0.006822746156	-0.007531573625
F _{8,4,4,0}	-0.214945520619	-0.210185734927
F _{8,5,1,0}	0.028971539000	0.029200545105
F _{8,5,2,0}	-0.068342184359	-0.072217162770
F _{8,5,3,0}	-0.068158100961	-0.069733180523
F _{8,5,4,0}	-0.135895663637	-0.128581346946
F _{8,5,5,0}	-0.097384271426	-0.086788976052
F _{8,6,1,0}	0.001964227750	0.001746368603
F _{8,6,2,0}	0.100057046108	0.101432601359
F _{8,6,3,0}	-0.096440428939	-0.094747650457
F _{8,6,4,0}	0.047366786850	0.042476894990
F _{8,6,5,0}	-0.099525275495	-0.103233703602
F _{8,6,6,0}	0.042958240822	0.044274493203
F _{8,7,1,0}	-0.010364300583	-0.010670769881
F _{8,7,2,0}	0.060184073376	0.062377450786
F _{8,7,3,0}	0.070502415159	0.074057678628
F _{8,7,4,0}	-0.088376991609	-0.095539571844
F _{8,7,5,0}	0.018707689712	0.008869085731
F _{8,7,6,0}	0.186873012633	0.190503712619
F _{8,7,7,0}	0.068731616318	0.076208695488
F _{8,8,1,0}	-0.017883588719	-0.017405983226
F _{8,8,2,0}	-0.112565152048	-0.107937523867
F _{8,8,3,0}	0.036223942822	0.037874270278
F _{8,8,4,0}	0.135572724157	0.128892434225
F _{8,8,5,0}	0.117129333419	0.106558626587
F _{8,8,6,0}	-0.045725133683	-0.040332139885
F _{8,8,7,0}	0.081495779057	0.089983315571
F _{8,8,8,0}	-0.091314222593	-0.081939558881
F _{9,9,1,0}	-21.856093542529	-21.909900624098
F _{9,9,2,0}	0.463579265141	0.464516558495
F _{9,9,3,0}	-0.031903657638	-0.030767839837
F _{9,9,4,0}	0.349015891246	0.344395499732
F _{9,9,5,0}	0.054910103173	0.051280416347
F _{9,9,6,0}	0.021959873966	0.022008929588
F _{9,9,7,0}	-0.110770737972	-0.107270797564
F _{9,9,8,0}	0.035087108512	0.035132001916
F _{10,10,1,0}	-1.140612767741	-1.126549758965
F _{10,10,2,0}	-22.689908108068	-22.572696676404
F _{10,10,3,0}	-0.611264438294	-0.609219678427
F _{10,10,4,0}	0.367673317774	0.369632736544
F _{10,10,5,0}	-0.512006829205	-0.510722679956
F _{10,10,6,0}	-0.824256618802	-0.825514965546
F _{10,10,7,0}	0.674878992963	0.668907093398
F _{10,10,8,0}	-0.200854105947	-0.201603838635
F _{10,9,1,0}	0.092616908217	0.092737285931
F _{10,9,2,0}	-0.115150587106	-0.114735183059
F _{10,9,3,0}	-0.019248404571	-0.019472006063
F _{10,9,4,0}	-0.214752685152	-0.214310485284
F _{10,9,5,0}	-0.409322479290	-0.412074813493

F _{10,9,6,0}	0.054478459990	0.054605514207
F _{10,9,7,0}	-0.283884318108	-0.285514904524
F _{10,9,8,0}	-0.053222428389	-0.053509090664
F _{11,10,1,0}	0.025042008192	0.025554746921
F _{11,10,2,0}	-0.407989485495	-0.406823535429
F _{11,10,3,0}	0.177147563655	0.174493859955
F _{11,10,4,0}	0.121953904246	0.121473573364
F _{11,10,5,0}	0.090867560433	0.090641803281
F _{11,10,6,0}	-0.305215042938	-0.306169803369
F _{11,10,7,0}	0.198296635565	0.198307907171
F _{11,10,8,0}	-0.047678766617	-0.047941851836
F _{11,11,1,0}	0.004809661916	0.005903028620
F _{11,11,2,0}	0.274693316210	0.273914887114
F _{11,11,3,0}	-40.917967528813	-40.983335355332
F _{11,11,4,0}	-0.019094846305	-0.019371086145
F _{11,11,5,0}	0.004025302480	0.002692665000
F _{11,11,6,0}	0.011385530881	0.004301917530
F _{11,11,7,0}	-0.036132397693	-0.035273708861
F _{11,11,8,0}	-0.012518329562	-0.012070859213
F _{11,9,1,0}	-0.034607224674	-0.035212729748
F _{11,9,2,0}	-0.006627825274	-0.006664611919
F _{11,9,3,0}	0.045760088542	0.046369775655
F _{11,9,4,0}	-0.006424073604	-0.006329218915
F _{11,9,5,0}	-0.044093572764	-0.044187770997
F _{11,9,6,0}	-0.006371890248	-0.007579852449
F _{11,9,7,0}	0.015910797906	0.017126689060
F _{11,9,8,0}	0.017897580874	0.018595037401
F _{12,10,1,0}	-0.116461298091	-0.116984139357
F _{12,10,2,0}	-0.354693749869	-0.358462942540
F _{12,10,3,0}	0.124267179389	0.125064968872
F _{12,10,4,0}	-0.697070056685	-0.696908133598
F _{12,10,5,0}	-1.324451849404	-1.323535231541
F _{12,10,6,0}	-0.055626133918	-0.055973366545
F _{12,10,7,0}	-0.031899171834	-0.036643515090
F _{12,10,8,0}	-0.056420018708	-0.055991262948
F _{12,11,1,0}	-0.034917337766	-0.035426001326
F _{12,11,2,0}	0.249456830913	0.250526206328
F _{12,11,3,0}	-0.021271306014	-0.021669734241
F _{12,11,4,0}	-0.089265121730	-0.088576594489
F _{12,11,5,0}	-0.053191695789	-0.052932650914
F _{12,11,6,0}	0.009155234000	0.010533825808
F _{12,11,7,0}	0.012325010423	0.013960565831
F _{12,11,8,0}	-0.011057981011	-0.009742829926
F _{12,12,1,0}	-0.170817444013	-0.173174365134
F _{12,12,2,0}	-1.995325641703	-1.993402404346
F _{12,12,3,0}	0.014575169744	0.015624172096
F _{12,12,4,0}	0.782990841563	0.779677756945
F _{12,12,5,0}	-0.032897420851	-0.034756229077
F _{12,12,6,0}	-0.017141038697	-0.019102884895
F _{12,12,7,0}	-0.860094753467	-0.859511805868
F _{12,12,8,0}	0.086060997221	0.084523539880
F _{12,9,1,0}	0.298596561726	0.293547542916

F _{12,9,2,0}	-0.621890455553	-0.623047839171
F _{12,9,3,0}	-0.003413240025	-0.002588519648
F _{12,9,4,0}	0.097051995995	0.094839748509
F _{12,9,5,0}	-0.129063600030	-0.133065118645
F _{12,9,6,0}	-0.025916916146	-0.027704973074
F _{12,9,7,0}	0.123430223274	0.127494781659
F _{12,9,8,0}	0.030540655203	0.030369527210
F _{13,10,1,0}	-0.024007127094	-0.024183177870
F _{13,10,2,0}	-0.583203468909	-0.587768453110
F _{13,10,3,0}	-0.307719775036	-0.309138836101
F _{13,10,4,0}	-0.079580625533	-0.077411026933
F _{13,10,5,0}	-0.024959250953	-0.023671866358
F _{13,10,6,0}	-0.675420941229	-0.678487141323
F _{13,10,7,0}	-0.098334666079	-0.097081670148
F _{13,10,8,0}	0.042997035871	0.042176833568
F _{13,11,1,0}	-0.010765067895	-0.009102756902
F _{13,11,2,0}	-0.267254576613	-0.266988939227
F _{13,11,3,0}	0.025257546582	0.018364630177
F _{13,11,4,0}	0.020254463387	0.019326459330
F _{13,11,5,0}	0.007435963764	0.006693262348
F _{13,11,6,0}	-0.100182709777	-0.098486385044
F _{13,11,7,0}	0.014381428118	0.014226291073
F _{13,11,8,0}	-0.051952324352	-0.052065998152
F _{13,12,1,0}	0.026524218114	0.026902610997
F _{13,12,2,0}	-0.007392068617	-0.008718383822
F _{13,12,3,0}	0.001262851246	0.002428233207
F _{13,12,4,0}	-0.076177494163	-0.075886909718
F _{13,12,5,0}	-0.063032977774	-0.061680608772
F _{13,12,6,0}	0.079370779241	0.076869304048
F _{13,12,7,0}	0.038362437052	0.035346640757
F _{13,12,8,0}	-0.028796452737	-0.029781849547
F _{13,13,1,0}	-0.034713058757	-0.033786315778
F _{13,13,2,0}	-0.578693215350	-0.582026498025
F _{13,13,3,0}	-0.113461762598	-0.112025092621
F _{13,13,4,0}	0.009966424932	0.010477932971
F _{13,13,5,0}	-0.000237358073	-0.000082232476
F _{13,13,6,0}	-0.702617411213	-0.701424054980
F _{13,13,7,0}	0.104972942994	0.103496871761
F _{13,13,8,0}	0.056329538857	0.055413356755
F _{13,9,1,0}	-0.008512545190	-0.008824711500
F _{13,9,2,0}	0.062922186371	0.063980063351
F _{13,9,3,0}	-0.010889171219	-0.012119776634
F _{13,9,4,0}	-0.011467257517	-0.012485428047
F _{13,9,5,0}	-0.006678643194	-0.007495079694
F _{13,9,6,0}	0.003202159231	0.002528230702
F _{13,9,7,0}	-0.051245539423	-0.052947840285
F _{13,9,8,0}	-0.012072648664	-0.012203284818
F _{14,10,1,0}	0.186749179922	0.187631982360
F _{14,10,2,0}	0.620959349334	0.622565186884
F _{14,10,3,0}	0.084388511081	0.085358772352
F _{14,10,4,0}	-0.188830779386	-0.190995753074
F _{14,10,5,0}	-0.312316148403	-0.313139675972

F _{14,10,6,0}	-0.029371802778	-0.029527247355
F _{14,10,7,0}	-0.495099155725	-0.496783100530
F _{14,10,8,0}	-0.091907806298	-0.091785785432
F _{14,11,1,0}	0.004615211408	0.004274618859
F _{14,11,2,0}	0.182313621383	0.183703448518
F _{14,11,3,0}	-0.085950046919	-0.086357736861
F _{14,11,4,0}	-0.047785674665	-0.046712767478
F _{14,11,5,0}	-0.064656880131	-0.064386759815
F _{14,11,6,0}	-0.044996925417	-0.044188244042
F _{14,11,7,0}	-0.041679938856	-0.038734867967
F _{14,11,8,0}	0.028759430991	0.029447657662
F _{14,12,1,0}	-0.065010214395	-0.067050922657
F _{14,12,2,0}	-0.872991466464	-0.872907004938
F _{14,12,3,0}	0.029743586435	0.031416509205
F _{14,12,4,0}	0.059437164180	0.059169424441
F _{14,12,5,0}	0.389778096823	0.390450093692
F _{14,12,6,0}	0.047860373286	0.046326379166
F _{14,12,7,0}	-0.723747478026	-0.723000349165
F _{14,12,8,0}	0.087870388905	0.086908487408
F _{14,13,1,0}	0.022180797332	0.023003862542
F _{14,13,2,0}	0.017829193059	0.017696867024
F _{14,13,3,0}	-0.051825127765	-0.050983035409
F _{14,13,4,0}	0.062690339725	0.061798168817
F _{14,13,5,0}	-0.036354277220	-0.035845273772
F _{14,13,6,0}	0.109458222213	0.108219315157
F _{14,13,7,0}	0.028257275616	0.026638123810
F _{14,13,8,0}	-0.010968593902	-0.011060410557
F _{14,14,1,0}	-0.130954846190	-0.130326825667
F _{14,14,2,0}	-0.947732771363	-0.948142856728
F _{14,14,3,0}	-0.057150566810	-0.055173021973
F _{14,14,4,0}	-0.231771125473	-0.232623030490
F _{14,14,5,0}	0.175831089252	0.175477138540
F _{14,14,6,0}	-0.007335113643	-0.008498874634
F _{14,14,7,0}	0.404360761672	0.406306529831
F _{14,14,8,0}	0.054870003338	0.054064073083
F _{14,9,1,0}	0.161237658842	0.159699597548
F _{14,9,2,0}	-0.409798413458	-0.410030340187
F _{14,9,3,0}	0.018546741172	0.019785605636
F _{14,9,4,0}	0.024999563988	0.022862837631
F _{14,9,5,0}	0.041278600599	0.039468825749
F _{14,9,6,0}	-0.048291000728	-0.049392324440
F _{14,9,7,0}	0.208931036154	0.211350696737
F _{14,9,8,0}	0.021090794984	0.020888357215
F _{15,10,1,0}	-0.072788714818	-0.072578878038
F _{15,10,2,0}	0.087918878103	0.088956495544
F _{15,10,3,0}	-0.063450855868	-0.063042684462
F _{15,10,4,0}	0.141955037460	0.140918544529
F _{15,10,5,0}	-0.148383838636	-0.149267061403
F _{15,10,6,0}	0.012333611401	0.011507127196
F _{15,10,7,0}	0.182783297549	0.181024295695
F _{15,10,8,0}	-0.164700267243	-0.164137774174
F _{15,11,1,0}	0.019406102769	0.019676529978

F _{15,11,2,0}	-0.027004165045	-0.027079498439
F _{15,11,3,0}	-0.026155522540	-0.026077818177
F _{15,11,4,0}	-0.026339854414	-0.026932069713
F _{15,11,5,0}	-0.096966070543	-0.097195983860
F _{15,11,6,0}	-0.059513783214	-0.058632380532
F _{15,11,7,0}	0.074812324253	0.075930088008
F _{15,11,8,0}	0.048631205512	0.049733316033
F _{15,12,1,0}	-0.013600629205	-0.014062727860
F _{15,12,2,0}	-0.061099731090	-0.062403923034
F _{15,12,3,0}	-0.016633959369	-0.015174320980
F _{15,12,4,0}	0.014415724857	0.015128910273
F _{15,12,5,0}	0.001735717288	0.003057756309
F _{15,12,6,0}	-0.033367061355	-0.033810399679
F _{15,12,7,0}	0.115615190250	0.112645966096
F _{15,12,8,0}	0.039651904769	0.037787294422
F _{15,13,1,0}	-0.003429597771	-0.003406141704
F _{15,13,2,0}	0.091574744217	0.092146706516
F _{15,13,3,0}	-0.071161303662	-0.070225258988
F _{15,13,4,0}	0.017850257773	0.017338368225
F _{15,13,5,0}	-0.111124347058	-0.110513441014
F _{15,13,6,0}	0.045873029634	0.045101760083
F _{15,13,7,0}	0.164359228525	0.164847739206
F _{15,13,8,0}	-0.021753079955	-0.021406759274
F _{15,14,1,0}	-0.010053829552	-0.009772284693
F _{15,14,2,0}	-0.065522387823	-0.066200351914
F _{15,14,3,0}	0.023714372596	0.024255935776
F _{15,14,4,0}	-0.023574177958	-0.022899206440
F _{15,14,5,0}	0.004333283400	0.005041238262
F _{15,14,6,0}	-0.013203204194	-0.012982878064
F _{15,14,7,0}	0.125549003748	0.123843693868
F _{15,14,8,0}	0.064793597482	0.063653308239
F _{15,15,1,0}	-0.018604345375	-0.018091149842
F _{15,15,2,0}	-0.091927176798	-0.091810826202
F _{15,15,3,0}	0.047765893050	0.048280192489
F _{15,15,4,0}	0.063479999614	0.064653972688
F _{15,15,5,0}	0.027762263558	0.028124855305
F _{15,15,6,0}	-0.026409261629	-0.025998864282
F _{15,15,7,0}	0.150449015758	0.149276862065
F _{15,15,8,0}	0.005646225627	0.004891147946
F _{15,9,1,0}	0.010041480784	0.011045654870
F _{15,9,2,0}	-0.073215003835	-0.074400385147
F _{15,9,3,0}	0.023768963272	0.024422380460
F _{15,9,4,0}	-0.024873341852	-0.024864001837
F _{15,9,5,0}	-0.007270991306	-0.007588347561
F _{15,9,6,0}	-0.009836891388	-0.009649866841
F _{15,9,7,0}	0.007675020877	0.007131438784
F _{15,9,8,0}	0.042851147114	0.043169786198
F _{1,1,1,1}	78.251522647195	78.209930676643
F _{2,1,1,1}	-1.448471700993	-1.452036828763
F _{2,2,1,1}	-0.371699848451	-0.370146625856
F _{2,2,2,1}	3.495737385266	3.457233615931
F _{2,2,2,2}	95.411664277044	94.800309897007

F _{3,1,1,1}	0.007195486293	-0.031911560835
F _{3,2,1,1}	-0.030731491912	-0.001819181911
F _{3,2,2,1}	0.091352882200	0.112368931592
F _{3,2,2,2}	1.576897887817	1.547076924346
F _{3,3,1,1}	0.047752299399	0.076235455235
F _{3,3,2,1}	-0.058810194682	-0.046776299648
F _{3,3,2,2}	-0.661441853156	-0.643785021880
F _{3,3,3,1}	-0.051977702911	-0.043517679285
F _{3,3,3,2}	-0.410154846768	-0.378818138454
F _{3,3,3,3}	180.568440482292	180.181703253433
F _{4,1,1,1}	0.041968365144	-0.034915206953
F _{4,2,1,1}	0.101361073516	0.126121111330
F _{4,2,2,1}	-0.478263717964	-0.513750411575
F _{4,2,2,2}	1.224839273829	1.247722619174
F _{4,3,1,1}	0.039285551813	0.055163986945
F _{4,3,2,1}	-0.054497670684	-0.039238322812
F _{4,3,2,2}	-0.366837697510	-0.343507943662
F _{4,3,3,1}	-0.039164448437	-0.059642817426
F _{4,3,3,2}	0.050840153961	0.093409296481
F _{4,3,3,3}	0.217412984810	0.198798990549
F _{4,4,1,1}	-0.178762491076	-0.232133304556
F _{4,4,2,1}	0.526726006695	0.494950363001
F _{4,4,2,2}	-0.172840383641	-0.192237779343
F _{4,4,3,1}	-0.028026738320	-0.003152917969
F _{4,4,3,2}	0.281378313448	0.310290629187
F _{4,4,3,3}	-0.193704694227	-0.167248123807
F _{4,4,4,1}	0.216661584020	0.163772023822
F _{4,4,4,2}	-1.364108228280	-1.326792447733
F _{4,4,4,3}	-0.029322390757	-0.026347783911
F _{4,4,4,4}	0.727491659803	0.730387333234
F _{5,1,1,1}	-0.094225249355	-0.066385547932
F _{5,2,1,1}	-0.261180581453	-0.289958554892
F _{5,2,2,1}	0.736629574985	0.757184146119
F _{5,2,2,2}	-4.255976426495	-4.251920929447
F _{5,3,1,1}	0.076169899555	0.034073102579
F _{5,3,2,1}	0.098967769916	-0.008283645881
F _{5,3,2,2}	0.221021405177	0.150123415146
F _{5,3,3,1}	-0.009294908780	-0.029696160766
F _{5,3,3,2}	-0.003713758155	0.002492460493
F _{5,3,3,3}	0.185057542309	0.145813782635
F _{5,4,1,1}	-0.272669113080	-0.289626598550
F _{5,4,2,1}	0.420286035590	0.469115949040
F _{5,4,2,2}	-1.430265700136	-1.424816381751
F _{5,4,3,1}	-0.075424776033	-0.020055142338
F _{5,4,3,2}	0.314778545952	0.231506105121
F _{5,4,3,3}	-0.155931789606	-0.155185798986
F _{5,4,4,1}	-0.108381581174	-0.139193541928
F _{5,4,4,2}	-0.989454420311	-0.998996370717
F _{5,4,4,3}	-0.219557582521	-0.244743585931
F _{5,4,4,4}	2.005473950324	1.969219334805
F _{5,5,1,1}	-0.417325952304	-0.435776265365
F _{5,5,2,1}	0.866685779146	0.882313201115

F _{5,5,2,2}	2.889480833820	2.851518284711
F _{5,5,3,1}	0.079092560292	0.066339866033
F _{5,5,3,2}	-0.125273393363	-0.129442818054
F _{5,5,3,3}	-0.234589106490	-0.248282093799
F _{5,5,4,1}	-0.213134210408	-0.228697847774
F _{5,5,4,2}	2.205909179636	2.185168618822
F _{5,5,4,3}	-0.362715696382	-0.358780498611
F _{5,5,4,4}	2.655308781765	2.623754561925
F _{5,5,5,1}	-0.342403882780	-0.301214130685
F _{5,5,5,2}	1.348518922533	1.381319120736
F _{5,5,5,3}	0.064786821906	0.035284988973
F _{5,5,5,4}	-0.990229176134	-1.037308169226
F _{5,5,5,5}	-0.127371642788	-0.145234441267
F _{6,1,1,1}	-0.180550853704	-0.174991041724
F _{6,2,1,1}	0.018437890599	0.042130977123
F _{6,2,2,1}	-0.034635821931	0.007665206321
F _{6,2,2,2}	0.161036388780	0.203091378380
F _{6,3,1,1}	0.014016973112	0.013201859534
F _{6,3,2,1}	-0.055369630411	-0.026158881923
F _{6,3,2,2}	0.303138696999	0.313579806582
F _{6,3,3,1}	-0.050700941302	-0.078209899348
F _{6,3,3,2}	-0.027062905808	-0.039516445229
F _{6,3,3,3}	-0.770800484914	-0.719350191673
F _{6,4,1,1}	0.049876381728	0.058466281582
F _{6,4,2,1}	-0.061473356513	-0.091120103766
F _{6,4,2,2}	0.380271117244	0.385055953285
F _{6,4,3,1}	0.002615889879	-0.020055145035
F _{6,4,3,2}	-0.188779945550	-0.127742540074
F _{6,4,3,3}	0.046810893501	0.059258948886
F _{6,4,4,1}	-0.006310211548	0.011153020346
F _{6,4,4,2}	0.119374168065	0.112099381917
F _{6,4,4,3}	-0.089350208194	-0.044400531561
F _{6,4,4,4}	-0.184446997093	-0.180024339981
F _{6,5,1,1}	-0.013796073414	-0.022289675180
F _{6,5,2,1}	-0.030518695634	0.000871965407
F _{6,5,2,2}	0.175869044930	0.116061745913
F _{6,5,3,1}	0.109867304701	0.000435981062
F _{6,5,3,2}	-0.002179907065	-0.006539720131
F _{6,5,3,3}	0.021346634254	0.008519667382
F _{6,5,4,1}	0.039674308314	-0.010027563231
F _{6,5,4,2}	0.068013083083	0.062781312293
F _{6,5,4,3}	-0.064089262779	-0.029646732063
F _{6,5,4,4}	-0.240559237820	-0.333078327121
F _{6,5,5,1}	-0.044359507987	-0.003432554091
F _{6,5,5,2}	0.279656775879	0.269052664527
F _{6,5,5,3}	-0.230502486373	-0.212134461285
F _{6,5,5,4}	-0.291140290095	-0.285615446013
F _{6,5,5,5}	-0.156054903390	-0.148882142345
F _{6,6,1,1}	-0.089361421051	-0.085509684405
F _{6,6,2,1}	0.233482283323	0.211060440915
F _{6,6,2,2}	0.627211135261	0.622168785029
F _{6,6,3,1}	-0.042612298790	-0.038982660057

F _{6,6,3,2}	0.117449330812	0.088230788020
F _{6,6,3,3}	-0.252875842817	-0.239832789399
F _{6,6,4,1}	0.093796659333	0.087956690139
F _{6,6,4,2}	-0.169053016041	-0.137370176238
F _{6,6,4,3}	-0.086382770946	-0.091220065311
F _{6,6,4,4}	0.037523908102	0.037773292230
F _{6,6,5,1}	0.085246990814	0.055597646626
F _{6,6,5,2}	-0.084409953929	-0.106370760943
F _{6,6,5,3}	-0.076027231201	-0.068395729069
F _{6,6,5,4}	0.131551671969	0.092715850612
F _{6,6,5,5}	0.185616981897	0.210754885169
F _{6,6,6,1}	0.056322338239	0.053523339078
F _{6,6,6,2}	0.869370747931	0.858025613011
F _{6,6,6,3}	0.140009623358	0.186949795962
F _{6,6,6,4}	0.069564803920	0.050654793311
F _{6,6,6,5}	0.008776116213	-0.017366111117
F _{6,6,6,6}	-0.133610498649	-0.138645020316
F _{7,1,1,1}	0.413358517944	0.415617690427
F _{7,2,1,1}	0.203401987954	0.210175125743
F _{7,2,2,1}	-1.435102621521	-1.398925778214
F _{7,2,2,2}	8.741513004598	8.713499970139
F _{7,3,1,1}	-0.042684812414	0.024363768072
F _{7,3,2,1}	0.059729446907	0.018311217328
F _{7,3,2,2}	-1.057438046005	-1.009202722797
F _{7,3,3,1}	-0.048787556812	-0.027354826549
F _{7,3,3,2}	0.168681986201	0.188296789852
F _{7,3,3,3}	0.032490096736	0.068496058858
F _{7,4,1,1}	-0.188952693026	-0.162656881571
F _{7,4,2,1}	0.481759410300	0.445572955884
F _{7,4,2,2}	-0.049808575221	-0.058391278283
F _{7,4,3,1}	-0.031826638723	-0.040110284146
F _{7,4,3,2}	0.329601909619	0.308238824845
F _{7,4,3,3}	-0.039662156557	-0.016272850993
F _{7,4,4,1}	0.054843880005	0.074374159521
F _{7,4,4,2}	-1.591731466446	-1.590190104758
F _{7,4,4,3}	0.121244186257	0.160442802290
F _{7,4,4,4}	-0.948005047308	-0.970580393744
F _{7,5,1,1}	0.010650010128	0.011797272685
F _{7,5,2,1}	0.011771494864	0.013951404106
F _{7,5,2,2}	-5.384791134103	-5.319330014390
F _{7,5,3,1}	-0.036186454000	-0.021363086331
F _{7,5,3,2}	0.564159887093	0.497890719219
F _{7,5,3,3}	0.058634368662	0.122351585817
F _{7,5,4,1}	0.245021525658	0.205347218037
F _{7,5,4,2}	-2.723139604932	-2.762813912198
F _{7,5,4,3}	0.096351886724	0.054497669781
F _{7,5,4,4}	1.246036242531	1.318103137145
F _{7,5,5,1}	-0.017238374722	0.022003544431
F _{7,5,5,2}	1.976234336693	2.010540355713
F _{7,5,5,3}	-0.496158280109	-0.402950815176
F _{7,5,5,4}	3.352537152992	3.372332877387
F _{7,5,5,5}	0.462773331396	0.454998390280

F7,6,1,1	0.047861749057	0.056412262852
F7,6,2,1	-0.203167316292	-0.166108904930
F7,6,2,2	0.545356099694	0.535780371026
F7,6,3,1	0.027902804920	0.000435982539
F7,6,3,2	-0.156953291677	-0.136026185692
F7,6,3,3	-0.074741390212	-0.072321122034
F7,6,4,1	0.004795788628	-0.006103728951
F7,6,4,2	0.018311246973	0.044034123178
F7,6,4,3	-0.026158869976	-0.048829916105
F7,6,4,4	0.072805161659	0.039871374218
F7,6,5,1	-0.051009802045	-0.017875228768
F7,6,5,2	-0.240661727940	-0.231506104028
F7,6,5,3	0.125998599590	0.152593478818
F7,6,5,4	-0.051881843141	0.008283628925
F7,6,5,5	0.211262265599	0.183877341519
F7,6,6,1	0.056217886550	0.038438725588
F7,6,6,2	0.046343001047	0.000058533406
F7,6,6,3	-0.152869195077	-0.093536159340
F7,6,6,4	-0.010121076998	-0.034504787456
F7,6,6,5	-0.233393834732	-0.174379987024
F7,6,6,6	0.475591265632	0.456095384269
F7,7,1,1	-0.372776795589	-0.364925203734
F7,7,2,1	0.471554557025	0.481844499846
F7,7,2,2	10.180311353000	10.017956703344
F7,7,3,1	-0.020733959414	-0.009441621348
F7,7,3,2	-0.415610569409	-0.379194082455
F7,7,3,3	-0.378463136757	-0.371261857995
F7,7,4,1	-0.004444456893	0.024488419225
F7,7,4,2	-1.886132664194	-1.878547629546
F7,7,4,3	0.137051059706	0.163393056362
F7,7,4,4	-2.903942701756	-2.894491332744
F7,7,5,1	0.415905828534	0.401634736288
F7,7,5,2	-7.077181133847	-7.028063766693
F7,7,5,3	0.823309842625	0.808904469724
F7,7,5,4	-2.154734612746	-2.205672218934
F7,7,5,5	3.244370432696	3.274783103659
F7,7,6,1	0.008645232195	-0.004647955130
F7,7,6,2	0.545896198713	0.529056106671
F7,7,6,3	-0.430895337039	-0.422251027566
F7,7,6,4	0.092206343467	0.113954707819
F7,7,6,5	-0.163615111929	-0.207621399550
F7,7,6,6	0.340304518191	0.334078267725
F7,7,7,1	-0.339897007676	-0.344914218473
F7,7,7,2	11.851834148016	11.778479037421
F7,7,7,3	-1.102083753018	-1.027651288152
F7,7,7,4	-3.351855940574	-3.347430577770
F7,7,7,5	-12.659784638358	-12.713683467722
F7,7,7,6	0.806937095666	0.741377566984
F7,7,7,7	22.130399487819	22.224041207453
F8,1,1,1	-0.013100720760	0.013093297533
F8,2,1,1	0.010799930312	0.030447513837
F8,2,2,1	0.080598203837	0.059437757803

F _{8,2,2,2}	-0.747640907853	-0.744045615182
F _{8,3,1,1}	-0.010185303607	-0.037650263044
F _{8,3,2,1}	-0.018311217133	-0.006539720485
F _{8,3,2,2}	0.193801121292	0.161897086895
F _{8,3,3,1}	0.047727889869	0.026514561320
F _{8,3,3,2}	-0.004842630347	-0.012305083014
F _{8,3,3,3}	-0.083271481972	-0.112480149685
F _{8,4,1,1}	0.026530622136	0.055141810547
F _{8,4,2,1}	-0.029646728894	-0.038366360061
F _{8,4,2,2}	-0.157268454710	-0.151751164373
F _{8,4,3,1}	-0.059293464584	-0.003487850855
F _{8,4,3,2}	-0.004359818875	0.003051869558
F _{8,4,3,3}	0.040799096705	0.040450552057
F _{8,4,4,1}	-0.137181078863	-0.110568551087
F _{8,4,4,2}	0.407516567929	0.425631592385
F _{8,4,4,3}	-0.101239330467	-0.083309402872
F _{8,4,4,4}	-0.028020994657	-0.056440706974
F _{8,5,1,1}	0.100570068123	0.043954702719
F _{8,5,2,1}	-0.104635527174	-0.048393931543
F _{8,5,2,2}	-0.024358407371	0.016844588821
F _{8,5,3,1}	-0.003487850661	-0.050137856997
F _{8,5,3,2}	0.115099079587	0.190523856630
F _{8,5,3,3}	0.145225126211	0.133529055342
F _{8,5,4,1}	-0.123818707341	-0.037058415812
F _{8,5,4,2}	0.252433207819	0.224966384626
F _{8,5,4,3}	-0.010899533937	0.062345335271
F _{8,5,4,4}	-0.290333468314	-0.299281535765
F _{8,5,5,1}	-0.084070626532	-0.026965822357
F _{8,5,5,2}	0.351023951539	0.311272359277
F _{8,5,5,3}	0.024640365448	0.033110833998
F _{8,5,5,4}	-0.451199230933	-0.435958169084
F _{8,5,5,5}	-0.778207483365	-0.805107408985
F _{8,6,1,1}	0.013520615238	0.010255947831
F _{8,6,2,1}	-0.047086012907	-0.013079441013
F _{8,6,2,2}	-0.248966939363	-0.252125562245
F _{8,6,3,1}	-0.014387385995	0.024850938055
F _{8,6,3,2}	0.187472008862	0.166980862820
F _{8,6,3,3}	-0.027963618852	-0.053635122962
F _{8,6,4,1}	0.022235028240	0.006975701885
F _{8,6,4,2}	-0.040546138410	-0.092864029300
F _{8,6,4,3}	-0.016567257188	-0.028774771095
F _{8,6,4,4}	0.146851665512	0.137985269842
F _{8,6,5,1}	0.007847663935	0.032698602445
F _{8,6,5,2}	-0.085016364727	-0.139514037060
F _{8,6,5,3}	0.152593482626	0.068013092862
F _{8,6,5,4}	0.242405659326	0.206655166736
F _{8,6,5,5}	0.131050540061	0.121972869723
F _{8,6,6,1}	-0.044753008729	-0.059519097075
F _{8,6,6,2}	-0.067359711783	-0.074610783124
F _{8,6,6,3}	0.156967315040	0.134998357624
F _{8,6,6,4}	0.046295060214	0.025812151237
F _{8,6,6,5}	0.012316869190	-0.066599602349

F _{8,6,6,6}	0.042867244094	0.056832218950
F _{8,7,1,1}	-0.011079895311	-0.012865060387
F _{8,7,2,1}	0.027902809311	0.016131310382
F _{8,7,2,2}	0.050908711625	0.047749561005
F _{8,7,3,1}	-0.048829914182	0.014387385077
F _{8,7,3,2}	-0.245457508259	-0.234557974538
F _{8,7,3,3}	-0.069316430102	-0.093931169694
F _{8,7,4,1}	-0.087632251320	-0.046214023722
F _{8,7,4,2}	0.106815438078	0.146053757440
F _{8,7,4,3}	-0.096351878350	-0.074116831791
F _{8,7,4,4}	0.346160563289	0.303261064387
F _{8,7,5,1}	-0.013515414680	0.052753745743
F _{8,7,5,2}	-0.282079948692	-0.279464055130
F _{8,7,5,3}	0.003923826748	0.071936925281
F _{8,7,5,4}	0.470423860515	0.490043053049
F _{8,7,5,5}	0.699807521336	0.700770376666
F _{8,7,6,1}	-0.057549538818	-0.011335516787
F _{8,7,6,2}	0.019619173598	0.033134583257
F _{8,7,6,3}	-0.001307959469	-0.027466825651
F _{8,7,6,4}	-0.112919172710	-0.030954672978
F _{8,7,6,5}	-0.190087811964	-0.133846275398
F _{8,7,6,6}	-0.009811570418	-0.018043992099
F _{8,7,7,1}	-0.004325665664	-0.034575680146
F _{8,7,7,2}	0.216160433248	0.206636831563
F _{8,7,7,3}	-0.139922764421	-0.164164128171
F _{8,7,7,4}	-0.010144606877	-0.064819120491
F _{8,7,7,5}	-0.337049524591	-0.365814934373
F _{8,7,7,6}	0.105208564620	0.075679583423
F _{8,7,7,7}	0.580627175446	0.594351247248
F _{8,8,1,1}	-0.044657957479	-0.054371713266
F _{8,8,2,1}	0.101736656297	0.063883697385
F _{8,8,2,2}	0.175919376260	0.188769326719
F _{8,8,3,1}	0.025929256572	0.025965352595
F _{8,8,3,2}	-0.136529634277	-0.107247402949
F _{8,8,3,3}	-0.054667350090	-0.023304384461
F _{8,8,4,1}	0.082487578732	0.084363170971
F _{8,8,4,2}	-0.289225380147	-0.290254304211
F _{8,8,4,3}	0.154701707588	0.109754136072
F _{8,8,4,4}	-0.004125672701	0.006248740284
F _{8,8,5,1}	0.020193287486	0.052532566580
F _{8,8,5,2}	-0.229737077660	-0.222156846705
F _{8,8,5,3}	0.025701753580	-0.011955960675
F _{8,8,5,4}	0.300078283381	0.305474758212
F _{8,8,5,5}	0.520837470367	0.514649947040
F _{8,8,6,1}	0.024393454963	-0.018440797600
F _{8,8,6,2}	0.101512135366	0.121241771679
F _{8,8,6,3}	-0.020121670171	0.018592184857
F _{8,8,6,4}	-0.147874246056	-0.148003958835
F _{8,8,6,5}	-0.055491750019	-0.093737776592
F _{8,8,6,6}	-0.038719395746	-0.025225714090
F _{8,8,7,1}	0.019912524863	0.007840760982
F _{8,8,7,2}	-0.056390058851	-0.055694236682

F _{8,8,7,3}	0.110040780143	0.108706345830
F _{8,8,7,4}	-0.345536057450	-0.342281211335
F _{8,8,7,5}	-0.447051159290	-0.440249352309
F _{8,8,7,6}	0.195566957703	0.137848308023
F _{8,8,7,7}	0.151238992093	0.159516083938
F _{8,8,8,1}	-0.078828665706	-0.039404872250
F _{8,8,8,2}	0.237436390495	0.242715518954
F _{8,8,8,3}	-0.114602034753	-0.114344346613
F _{8,8,8,4}	0.067113161584	0.044045480966
F _{8,8,8,5}	-0.251782543187	-0.283974373079
F _{8,8,8,6}	0.192484099289	0.202660473144
F _{8,8,8,7}	0.378331825825	0.361086182747
F _{8,8,8,8}	-0.062884011299	-0.060484604986
F _{9,9,1,1}	79.986849218335	80.092079392723
F _{9,9,2,1}	-1.278796381837	-1.235387603241
F _{9,9,2,2}	-0.443688630136	-0.473578494365
F _{9,9,3,1}	-0.002990243773	-0.006140155655
F _{9,9,3,2}	0.034202273087	0.011434360333
F _{9,9,3,3}	0.062581119757	0.091258992178
F _{9,9,4,1}	-0.203358879324	-0.244873226004
F _{9,9,4,2}	0.030573043958	0.064670177074
F _{9,9,4,3}	0.134031224784	0.084771272861
F _{9,9,4,4}	-1.202619820335	-1.214749230730
F _{9,9,5,1}	-0.010693604176	0.041582550096
F _{9,9,5,2}	-0.134086305670	-0.154210799968
F _{9,9,5,3}	0.074062308401	0.050732340312
F _{9,9,5,4}	-0.141755693219	-0.125822933147
F _{9,9,5,5}	-0.574989656716	-0.562820652097
F _{9,9,6,1}	-0.140442908641	-0.171939401402
F _{9,9,6,2}	0.061511045615	0.074523948516
F _{9,9,6,3}	0.021778850797	0.062684345694
F _{9,9,6,4}	0.133369815382	0.103895406576
F _{9,9,6,5}	0.069245269075	0.010317622942
F _{9,9,6,6}	-0.127278363383	-0.134398002616
F _{9,9,7,1}	0.252989380190	0.271102240543
F _{9,9,7,2}	0.125657700666	0.092005258656
F _{9,9,7,3}	-0.012162130357	0.037502401119
F _{9,9,7,4}	-0.444945173461	-0.403574409542
F _{9,9,7,5}	-0.178268598817	-0.155510815777
F _{9,9,7,6}	0.076614847787	0.065947417877
F _{9,9,7,7}	-0.248226773484	-0.260647528552
F _{9,9,8,1}	0.018977048352	0.029475693596
F _{9,9,8,2}	-0.043699999457	-0.060538526199
F _{9,9,8,3}	-0.024894890509	-0.066998755927
F _{9,9,8,4}	-0.049996667434	-0.009657179596
F _{9,9,8,5}	0.117641026419	0.047913671296
F _{9,9,8,6}	-0.040305529124	0.025970539434
F _{9,9,8,7}	0.075590989708	-0.016470926684
F _{9,9,8,8}	-0.096009946285	-0.093084718017
F _{9,9,9,9}	81.851870993514	82.046326900805
F _{10,10,10,10}	75.849828002664	75.405159455393
F _{10,10,10,9}	0.058409441131	0.045844372649

F _{10,10,1,1}	-0.531136086540	-0.557087368918
F _{10,10,2,1}	3.427723067270	3.383935573030
F _{10,10,2,2}	86.691715093391	86.202175167349
F _{10,10,3,1}	-0.085893777318	-0.087568059847
F _{10,10,3,2}	2.100217352419	2.121919538643
F _{10,10,3,3}	-0.584746766776	-0.587101847937
F _{10,10,4,1}	-0.210669952093	-0.213147196054
F _{10,10,4,2}	-0.200430003555	-0.202552862418
F _{10,10,4,3}	-0.204089092719	-0.252544154874
F _{10,10,4,4}	0.846975176494	0.808318350832
F _{10,10,5,1}	0.296103128941	0.361123353936
F _{10,10,5,2}	1.046953675787	0.992487264844
F _{10,10,5,3}	-0.373522868664	-0.415834794622
F _{10,10,5,4}	1.071278613314	1.026173981931
F _{10,10,5,5}	0.042884193821	-0.042739243315
F _{10,10,6,1}	0.093377249923	0.103600814730
F _{10,10,6,2}	0.580328869006	0.562688928574
F _{10,10,6,3}	0.302282553731	0.336413568303
F _{10,10,6,4}	0.218822156237	0.243744831410
F _{10,10,6,5}	0.191387125628	0.175185654104
F _{10,10,6,6}	-0.105817765641	-0.107241557566
F _{10,10,7,1}	-0.309829025516	-0.321295824482
F _{10,10,7,2}	-1.169810620982	-1.130016971391
F _{10,10,7,3}	-0.072059262474	-0.037285171679
F _{10,10,7,4}	-0.425359549767	-0.448044507556
F _{10,10,7,5}	1.245042873547	1.261696917668
F _{10,10,7,6}	0.456455228743	0.447464643385
F _{10,10,7,7}	-1.574029580488	-1.666303938363
F _{10,10,8,1}	0.200345295112	0.212319570759
F _{10,10,8,2}	0.077301599684	0.053084924963
F _{10,10,8,3}	0.169150355199	0.215047650399
F _{10,10,8,4}	-0.413538054789	-0.406131925558
F _{10,10,8,5}	0.082158851315	0.060188223585
F _{10,10,8,6}	-0.160502241839	-0.151306192226
F _{10,10,8,7}	0.124622121325	0.153628879729
F _{10,10,8,8}	0.544410036863	0.538182340580
F _{10,10,9,9}	-0.759851413342	-0.807649629376
F _{10,9,1,1}	0.040100527786	-0.017113858172
F _{10,9,2,1}	-0.165236937446	-0.135590204607
F _{10,9,2,2}	0.712955079017	0.692423263098
F _{10,9,3,1}	0.165236937442	0.077604683036
F _{10,9,3,2}	-0.024850937830	-0.013515422309
F _{10,9,3,3}	-0.062550532976	-0.074062044751
F _{10,9,4,1}	0.078040664376	0.030518695569
F _{10,9,4,2}	0.134282260504	0.179624322500
F _{10,9,4,3}	-0.056241596122	0.054933652029
F _{10,9,4,4}	-0.375795627012	-0.378828052981
F _{10,9,5,1}	-0.155209366039	-0.112047210885
F _{10,9,5,2}	0.592062694083	0.609937930054
F _{10,9,5,3}	0.144309831913	0.105943471769
F _{10,9,5,4}	-0.335269669909	-0.415054259765
F _{10,9,5,5}	0.221107963560	0.232387753509

F _{10,9,6,1}	-0.165236937446	-0.099403751282
F _{10,9,6,2}	0.087196273054	0.038802341505
F _{10,9,6,3}	0.039238322915	0.024850937825
F _{10,9,6,4}	0.033134583756	-0.010463552716
F _{10,9,6,5}	-0.028338788759	-0.011771496865
F _{10,9,6,6}	-0.112162205590	-0.064801199263
F _{10,9,7,1}	-0.029646732844	-0.085016366241
F _{10,9,7,2}	0.346605185405	0.465192116775
F _{10,9,7,3}	0.090248142619	0.013515422323
F _{10,9,7,4}	-0.010463552774	-0.115535061792
F _{10,9,7,5}	-0.304750974346	-0.252869191874
F _{10,9,7,6}	0.043162155128	0.055369633384
F _{10,9,7,7}	-0.376216574553	-0.366019221156
F _{10,9,8,1}	-0.034442527831	-0.027466826015
F _{10,9,8,2}	0.202731334839	0.223658440393
F _{10,9,8,3}	-0.039238322864	-0.032262621029
F _{10,9,8,4}	0.062345335188	0.116407024538
F _{10,9,8,5}	0.121638800912	0.073244869372
F _{10,9,8,6}	0.035750472027	0.045778043349
F _{10,9,8,7}	0.081528515339	-0.006103739121
F _{10,9,8,8}	-0.113124371319	-0.122891957698
F _{10,9,9,9}	-0.041933346936	-0.013583241139
F _{11,10,10,10}	2.799167939537	2.779464844566
F _{11,10,10,9}	0.007012109371	0.060558516106
F _{11,10,1,1}	0.035037920589	0.033540945842
F _{11,10,2,1}	-0.080656552600	-0.084144403500
F _{11,10,2,2}	1.478527119580	1.482923410190
F _{11,10,3,1}	-0.021363086894	-0.037930378773
F _{11,10,3,2}	-0.544104743882	-0.609065967326
F _{11,10,3,3}	-0.386210281308	-0.358301064654
F _{11,10,4,1}	0.065397204792	-0.021363086910
F _{11,10,4,2}	-0.120330856814	-0.177880397049
F _{11,10,4,3}	-0.008283645951	0.006539720466
F _{11,10,4,4}	0.148513346288	0.120316271367
F _{11,10,5,1}	0.056241596123	0.018747198712
F _{11,10,5,2}	-0.098531788566	-0.119022912739
F _{11,10,5,3}	-0.047085987444	-0.053189726589
F _{11,10,5,4}	0.133410297783	0.163493011994
F _{11,10,5,5}	0.015914875851	-0.031284973021
F _{11,10,6,1}	-0.050137857007	-0.053625707909
F _{11,10,6,2}	0.480015483162	0.468243986345
F _{11,10,6,3}	0.041418229699	0.017875235976
F _{11,10,6,4}	-0.132538335067	-0.122510763628
F _{11,10,6,5}	-0.216246757177	-0.199243483948
F _{11,10,6,6}	0.289350361115	0.308299408990
F _{11,10,7,1}	0.013515422314	-0.024850937813
F _{11,10,7,2}	-0.476527632286	-0.421593980244
F _{11,10,7,3}	0.020927105555	0.149541608305
F _{11,10,7,4}	0.081528515306	0.119894875476
F _{11,10,7,5}	0.183548154790	0.194447688922
F _{11,10,7,6}	0.116843005890	0.115535061814
F _{11,10,7,7}	-0.115661293402	-0.126960331969

F _{11,10,8,1}	0.040546266983	-0.022235049627
F _{11,10,8,2}	0.210143018031	0.142129925082
F _{11,10,8,3}	0.150849552403	0.057985521578
F _{11,10,8,4}	-0.034878509270	0.054061689293
F _{11,10,8,5}	0.171340676554	0.105507490399
F _{11,10,8,6}	0.232378067821	0.244149564573
F _{11,10,8,7}	-0.092428049444	-0.022235049626
F _{11,10,8,8}	-0.132860006541	-0.135559688527
F _{11,10,9,9}	0.056241500074	0.078636330727
F _{11,11,10,10}	-0.557738162724	-0.565424606474
F _{11,11,10,9}	-0.031575504419	-0.068798504902
F _{11,11,1,1}	0.053409647584	0.070310286327
F _{11,11,11,10}	-0.385172878561	-0.396894160841
F _{11,11,11,11}	180.675552462919	180.258368379220
F _{11,11,11,9}	0.009767746866	0.023258741847
F _{11,11,2,1}	-0.052347266098	-0.028591184031
F _{11,11,2,2}	-0.694157848721	-0.693586790372
F _{11,11,3,1}	-0.014191612345	-0.047994365524
F _{11,11,3,2}	-0.355632138384	-0.360290059141
F _{11,11,3,3}	180.604975480726	180.180542699728
F _{11,11,4,1}	-0.050698326040	-0.062163499345
F _{11,11,4,2}	0.047878155873	0.080231358330
F _{11,11,4,3}	0.187220954335	0.200205721027
F _{11,11,4,4}	-0.189978197735	-0.152569879755
F _{11,11,5,1}	-0.015791232554	-0.021534136456
F _{11,11,5,2}	0.073910344012	0.071828769402
F _{11,11,5,3}	0.113434779842	0.121294247386
F _{11,11,5,4}	-0.158926651432	-0.153323296193
F _{11,11,5,5}	-0.269299310026	-0.281697875744
F _{11,11,6,1}	-0.136485534018	-0.087090698839
F _{11,11,6,2}	-0.008648458076	-0.071429197692
F _{11,11,6,3}	-0.789548950820	-0.724362620727
F _{11,11,6,4}	0.118613471383	0.050705604653
F _{11,11,6,5}	0.056098746184	-0.016109557721
F _{11,11,6,6}	-0.245218523568	-0.240213803915
F _{11,11,7,1}	-0.068630719547	-0.014968606921
F _{11,11,7,2}	0.114590478916	0.136072913499
F _{11,11,7,3}	0.025131043491	0.080966389981
F _{11,11,7,4}	0.001432666725	0.013894512333
F _{11,11,7,5}	0.136778242612	0.149743213670
F _{11,11,7,6}	-0.060149144721	-0.054383419212
F _{11,11,7,7}	-0.369839803474	-0.360616377813
F _{11,11,8,1}	0.009385457964	0.034841618553
F _{11,11,8,2}	-0.037327983101	0.003651345582
F _{11,11,8,3}	-0.114304616940	-0.104023634708
F _{11,11,8,4}	-0.023837808049	0.036288547341
F _{11,11,8,5}	0.150306090256	0.139335609884
F _{11,11,8,6}	-0.033463943523	-0.032719252668
F _{11,11,8,7}	-0.085185515677	-0.087703573955
F _{11,11,8,8}	-0.009258590123	-0.008512032585
F _{11,11,9,9}	0.096537433129	0.094949165474
F _{11,9,1,1}	-0.070125513628	-0.055193627034

F _{11,9,2,1}	0.142565906457	0.121638800920
F _{11,9,2,2}	-0.118173666861	-0.112322219721
F _{11,9,3,1}	-0.030082714205	0.059729447049
F _{11,9,3,2}	-0.084144403507	-0.078040664394
F _{11,9,3,3}	0.029999862020	0.042045251301
F _{11,9,4,1}	-0.151721515139	-0.029646732850
F _{11,9,4,2}	0.021363086895	-0.000435981371
F _{11,9,4,3}	-0.119458894077	0.006539720480
F _{11,9,4,4}	-0.018048291229	-0.028313120799
F _{11,9,5,1}	0.001743925460	-0.012643459585
F _{11,9,5,2}	0.130794409604	0.128614502769
F _{11,9,5,3}	-0.029210751474	0.010899534123
F _{11,9,5,4}	0.053189726567	0.052753745189
F _{11,9,5,5}	0.031082298452	0.067542644225
F _{11,9,6,1}	-0.088504217132	0.025286919205
F _{11,9,6,2}	-0.002615888209	0.004795794999
F _{11,9,6,3}	-0.065833186142	-0.014823366393
F _{11,9,6,4}	-0.037494397425	-0.005667757705
F _{11,9,6,5}	0.114227117705	0.036186453319
F _{11,9,6,6}	-0.101756713394	-0.035409093392
F _{11,9,7,1}	0.022235049624	-0.038366360151
F _{11,9,7,2}	0.066269167527	0.010463552758
F _{11,9,7,3}	-0.042290192446	0.046650006074
F _{11,9,7,4}	0.098967769920	0.050137857015
F _{11,9,7,5}	0.043598136527	0.040982248335
F _{11,9,7,6}	0.044906080601	0.006539720490
F _{11,9,7,7}	0.034028931164	0.001574153479
F _{11,9,8,1}	0.052753745216	-0.005667757749
F _{11,9,8,2}	-0.027030844684	-0.043162155166
F _{11,9,8,3}	0.012643459603	0.019619161453
F _{11,9,8,4}	0.057113558781	-0.014823366415
F _{11,9,8,5}	-0.009155608687	-0.024850937821
F _{11,9,8,6}	0.035750472079	-0.004795795031
F _{11,9,8,7}	-0.039674304214	-0.050573838366
F _{11,9,8,8}	-0.003495533898	-0.015023206064
F _{11,9,9,9}	-0.063544196576	-0.087480524938
F _{12,10,10,10}	0.535627523773	0.491643307127
F _{12,10,10,9}	1.013914878517	0.984500690476
F _{12,10,1,1}	-0.212871247825	-0.256538928479
F _{12,10,2,1}	0.453420619872	0.409822483387
F _{12,10,2,2}	0.597873685616	0.572968237432
F _{12,10,3,1}	0.063217297959	0.051881782474
F _{12,10,3,2}	-0.343553315877	-0.303879011591
F _{12,10,3,3}	0.105244810523	0.094711713727
F _{12,10,4,1}	0.463012209884	0.390639303268
F _{12,10,4,2}	0.657459898878	0.710213644078
F _{12,10,4,3}	0.102455620862	0.101583658115
F _{12,10,4,4}	-0.745790814600	-0.770816533531
F _{12,10,5,1}	0.630429054212	0.577239327649
F _{12,10,5,2}	1.398192238522	1.399936163984
F _{12,10,5,3}	0.049701875645	-0.024414956467
F _{12,10,5,4}	-0.695826258998	-0.714137476358

F _{12,10,5,5}	0.797402812315	0.726734354830
F _{12,10,6,1}	-0.009155608632	-0.059293465569
F _{12,10,6,2}	0.412438371451	0.301699104781
F _{12,10,6,3}	0.011335515646	0.005667757764
F _{12,10,6,4}	0.052753745203	0.059293466011
F _{12,10,6,5}	0.242405639093	0.129922446846
F _{12,10,6,6}	-0.041846282043	-0.075531492924
F _{12,10,7,1}	0.109431322715	0.086760291691
F _{12,10,7,2}	0.009155608670	-0.043162155158
F _{12,10,7,3}	0.089812161244	0.046214024715
F _{12,10,7,4}	-0.118586931370	-0.145617775985
F _{12,10,7,5}	0.147797682831	0.152593477853
F _{12,10,7,6}	0.083708422004	0.069321037045
F _{12,10,7,7}	0.146317261821	0.079798143908
F _{12,10,8,1}	0.042290192548	0.037058416063
F _{12,10,8,2}	0.188779930959	0.030082714205
F _{12,10,8,3}	0.187036005718	0.081528515311
F _{12,10,8,4}	-0.094171975306	-0.076732720287
F _{12,10,8,5}	0.061909353828	0.025286919187
F _{12,10,8,6}	-0.173084601422	-0.155209366078
F _{12,10,8,7}	-0.176572452799	-0.198371521218
F _{12,10,8,8}	0.089128533946	0.028863493523
F _{12,10,9,9}	-0.149069933268	-0.186724540838
F _{12,11,10,10}	-0.141907395984	-0.190514226378
F _{12,11,10,9}	0.046650006090	0.016131310510
F _{12,11,1,1}	0.070534875231	0.055994334307
F _{12,11,11,10}	0.113855895427	0.119334377611
F _{12,11,11,11}	0.047141529595	0.074832221630
F _{12,11,11,9}	0.030864096030	0.045164306218
F _{12,11,2,1}	0.044034117913	0.046650006090
F _{12,11,2,2}	-0.648623903821	-0.688421296212
F _{12,11,3,1}	-0.120766838198	-0.012643459590
F _{12,11,3,2}	0.031826639670	0.122074782287
F _{12,11,3,3}	0.069272032581	0.040299005045
F _{12,11,4,1}	0.020927105565	0.017003273278
F _{12,11,4,2}	0.301699104790	0.292107514750
F _{12,11,4,3}	-0.184420117527	-0.202731334862
F _{12,11,4,4}	-0.130858447852	-0.141129378121
F _{12,11,5,1}	0.091992068089	0.013515422317
F _{12,11,5,2}	0.073244869366	0.097223844457
F _{12,11,5,3}	-0.090684123988	-0.056677577479
F _{12,11,5,4}	-0.163057030629	-0.119458894096
F _{12,11,5,5}	-0.124183422724	-0.141430054980
F _{12,11,6,1}	0.036186453292	0.012643459505
F _{12,11,6,2}	-0.100275713922	-0.071064962537
F _{12,11,6,3}	-0.040110285691	-0.078476645749
F _{12,11,6,4}	-0.123382726443	-0.108559360156
F _{12,11,6,5}	-0.018311217336	-0.037058416043
F _{12,11,6,6}	-0.043120956531	-0.071312224218
F _{12,11,7,1}	-0.084580384886	0.006103739111
F _{12,11,7,2}	-0.098095807197	-0.026158881926
F _{12,11,7,3}	-0.219298626736	-0.189651893897

F _{12,11,7,4}	-0.095043937629	-0.083272440793
F _{12,11,7,5}	0.232378067710	0.181804229334
F _{12,11,7,6}	-0.210143018009	-0.132538335038
F _{12,11,7,7}	-0.178786330391	-0.258874414410
F _{12,11,8,1}	-0.054061689361	-0.020491124168
F _{12,11,8,2}	-0.032698602245	-0.042290192441
F _{12,11,8,3}	0.081964496672	0.108559359954
F _{12,11,8,4}	0.066705149097	0.031390658293
F _{12,11,8,5}	0.057113558877	0.089812161248
F _{12,11,8,6}	0.009155608203	0.063653279352
F _{12,11,8,7}	-0.001307944187	-0.039238322872
F _{12,11,8,8}	-0.024779671677	-0.050024306658
F _{12,11,9,9}	0.061666836173	0.055495525370
F _{12,12,10,10}	1.417340967687	1.393382366826
F _{12,12,10,9}	0.165662465232	0.154365823268
F _{12,12,1,1}	-0.589292522204	-0.595187682272
F _{12,12,11,10}	-0.013748041764	-0.027743122407
F _{12,12,11,11}	-0.235686229023	-0.194051242605
F _{12,12,11,9}	0.002477903148	0.064162628742
F _{12,12,12,10}	0.710489588296	0.706146138887
F _{12,12,12,11}	-0.075603993238	-0.057571965323
F _{12,12,12,12}	2.132277629775	2.015565844037
F _{12,12,12,9}	-0.140524053155	-0.103566223450
F _{12,12,2,1}	0.426628573535	0.397463220893
F _{12,12,2,2}	3.738157352932	3.727460110862
F _{12,12,3,1}	0.053955631607	0.039805571760
F _{12,12,3,2}	-0.086866400538	-0.076030208959
F _{12,12,3,3}	-0.221243307832	-0.218400294017
F _{12,12,4,1}	-0.142522713335	-0.165524609933
F _{12,12,4,2}	-0.930396962538	-0.964111696800
F _{12,12,4,3}	-0.116155007731	-0.102432413592
F _{12,12,4,4}	0.257351721993	0.246707350361
F _{12,12,5,1}	0.003660244233	0.030381182676
F _{12,12,5,2}	-0.585628854019	-0.630704895236
F _{12,12,5,3}	0.132886254978	0.133367577610
F _{12,12,5,4}	-0.166774316744	-0.184915177135
F _{12,12,5,5}	2.077114473295	2.115988441790
F _{12,12,6,1}	0.002693116824	-0.003315258457
F _{12,12,6,2}	0.271251660808	0.303850146577
F _{12,12,6,3}	-0.185345815763	-0.165166234840
F _{12,12,6,4}	0.049795585452	0.074718300369
F _{12,12,6,5}	0.133166855946	0.076050203299
F _{12,12,6,6}	0.201750566999	0.208984875154
F _{12,12,7,1}	-0.168302767240	-0.136305580839
F _{12,12,7,2}	2.206965667484	2.266076642224
F _{12,12,7,3}	-0.162542162204	-0.111670300639
F _{12,12,7,4}	-0.148477841175	-0.194907012761
F _{12,12,7,5}	-2.461469471805	-2.437303133574
F _{12,12,7,6}	0.113773864720	0.132417777182
F _{12,12,7,7}	1.893281887322	1.891005699785
F _{12,12,8,1}	0.012269637113	-0.012646814331
F _{12,12,8,2}	-0.116139952352	-0.103935440572

F _{12,12,8,3}	0.026618001293	0.010069334413
F _{12,12,8,4}	0.259550138039	0.195857731222
F _{12,12,8,5}	-0.063190625433	-0.060209707245
F _{12,12,8,6}	-0.098257568189	-0.147348830870
F _{12,12,8,7}	0.174994725472	0.163488765494
F _{12,12,8,8}	-0.038154508623	-0.029849271974
F _{12,12,9,9}	-0.517179367387	-0.526374023705
F _{12,9,1,1}	-0.476676858094	-0.456582307953
F _{12,9,2,1}	-0.484811278249	-0.440777160321
F _{12,9,2,2}	1.479045343669	1.539370450033
F _{12,9,3,1}	0.024414956453	-0.009155608649
F _{12,9,3,2}	-0.020055142797	0.017439254616
F _{12,9,3,3}	0.055821761271	0.024560713345
F _{12,9,4,1}	0.265948632780	0.249381340893
F _{12,9,4,2}	-0.419414073399	-0.452112675815
F _{12,9,4,3}	-0.011771496843	0.057549540231
F _{12,9,4,4}	0.486511214776	0.487783396948
F _{12,9,5,1}	-0.227146291328	-0.281207980621
F _{12,9,5,2}	0.500070626012	0.393255191499
F _{12,9,5,3}	0.098531788558	0.092428049452
F _{12,9,5,4}	0.177008434327	0.163928993360
F _{12,9,5,5}	0.120166597046	0.117169168765
F _{12,9,6,1}	-0.094607956222	-0.089376179774
F _{12,9,6,2}	0.071064962438	0.075860757565
F _{12,9,6,3}	0.005667757910	0.006539720488
F _{12,9,6,4}	-0.139514036867	-0.090248142318
F _{12,9,6,5}	-0.026594863282	-0.035314490609
F _{12,9,6,6}	-0.036967100622	-0.028057727741
F _{12,9,7,1}	0.374507992813	0.289927607919
F _{12,9,7,2}	-0.558056147582	-0.494838849616
F _{12,9,7,3}	-0.049701875652	-0.028774770117
F _{12,9,7,4}	0.386279489637	0.290363589318
F _{12,9,7,5}	-0.107687397236	-0.108123378600
F _{12,9,7,6}	-0.029646732991	-0.051009819773
F _{12,9,7,7}	0.073982640186	0.065933841304
F _{12,9,8,1}	0.085452347697	0.053625707936
F _{12,9,8,2}	-0.085888329178	-0.051009819744
F _{12,9,8,3}	-0.008719627297	-0.034006546498
F _{12,9,8,4}	-0.027466826337	0.050137857021
F _{12,9,8,5}	-0.036186453350	0.005231776383
F _{12,9,8,6}	0.074988795218	0.033570565081
F _{12,9,8,7}	0.001743925586	0.003051869552
F _{12,9,8,8}	-0.071364526681	-0.027757050652
F _{12,9,9,9}	-0.638213550074	-0.606822867069
F _{13,10,10,10}	-0.797485562670	-0.787404767485
F _{13,10,10,9}	-0.051510310556	-0.043453890876
F _{13,10,1,1}	0.013862439116	0.028655052276
F _{13,10,2,1}	-0.045342062074	0.025286919188
F _{13,10,2,2}	0.576188197587	0.645162770497
F _{13,10,3,1}	-0.070628981189	-0.003923832253
F _{13,10,3,2}	0.514893992402	0.455600526735
F _{13,10,3,3}	0.033045619474	0.030338842735

F _{13,10,4,1}	-0.126870577438	-0.096787863198
F _{13,10,4,2}	0.226710309985	0.285567794271
F _{13,10,4,3}	-0.237609844065	-0.153029459224
F _{13,10,4,4}	-0.024443785651	-0.032081662186
F _{13,10,5,1}	-0.026158881940	-0.082400478052
F _{13,10,5,2}	0.074988794839	0.136462167341
F _{13,10,5,3}	-0.186164042984	-0.183112173430
F _{13,10,5,4}	-0.036186453284	-0.079784589836
F _{13,10,5,5}	0.079710658788	0.087647841139
F _{13,10,6,1}	0.228890216950	0.237173862990
F _{13,10,6,2}	0.631736998045	0.574187458102
F _{13,10,6,3}	0.162185068219	0.268564521103
F _{13,10,6,4}	-0.037494397511	-0.020055142215
F _{13,10,6,5}	-0.210143018074	-0.050137857062
F _{13,10,6,6}	0.643058718334	0.595611232670
F _{13,10,7,1}	-0.094607956212	-0.006539720494
F _{13,10,7,2}	0.407206595179	0.440777160321
F _{13,10,7,3}	0.105507490384	0.069757018424
F _{13,10,7,4}	-0.085888328998	-0.097659825767
F _{13,10,7,5}	-0.201423390775	-0.203167316228
F _{13,10,7,6}	-0.047957950435	-0.021799068295
F _{13,10,7,7}	0.432584956031	0.422962612257
F _{13,10,8,1}	0.039674304500	0.032698602409
F _{13,10,8,2}	-0.230634142767	-0.221478533580
F _{13,10,8,3}	0.094171974898	0.190087875265
F _{13,10,8,4}	0.051445800185	0.003487850946
F _{13,10,8,5}	-0.075424776277	-0.086760291697
F _{13,10,8,6}	-0.214938811445	-0.194447688996
F _{13,10,8,7}	0.144745813610	0.053189726555
F _{13,10,8,8}	0.102562096787	0.042486185206
F _{13,10,9,9}	-0.025730328988	0.042823003444
F _{13,11,10,10}	0.547245255848	0.436409325236
F _{13,11,10,9}	0.073244869370	0.040546266976
F _{13,11,1,1}	0.054770460129	0.039687543222
F _{13,11,11,10}	0.128839597781	0.069388801335
F _{13,11,11,11}	-0.695355072057	-0.666423540864
F _{13,11,11,9}	0.025571194818	-0.007180241279
F _{13,11,2,1}	-0.025722900585	-0.024850937820
F _{13,11,2,2}	0.383350071250	0.357382653963
F _{13,11,3,1}	-0.089376179872	-0.071936925272
F _{13,11,3,2}	-0.008283645952	-0.115971043166
F _{13,11,3,3}	-0.633117931207	-0.662452928524
F _{13,11,4,1}	-0.009155608725	-0.019183180134
F _{13,11,4,2}	-0.059729447045	-0.071064962541
F _{13,11,4,3}	0.034878509228	0.077604683015
F _{13,11,4,4}	-0.098755115757	-0.091587949324
F _{13,11,5,1}	0.036622434674	0.039674304231
F _{13,11,5,2}	0.001743925466	0.028774770121
F _{13,11,5,3}	-0.063653279328	0.029646732842
F _{13,11,5,4}	-0.123382726366	-0.087632254422
F _{13,11,5,5}	-0.298224107466	-0.277586619976
F _{13,11,6,1}	0.043598136571	-0.048829912766

F _{13,11,6,2}	0.237609843972	0.121638800936
F _{13,11,6,3}	-0.290799570530	-0.272052371891
F _{13,11,6,4}	-0.003487850933	-0.048393931269
F _{13,11,6,5}	-0.065397204795	-0.059729447076
F _{13,11,6,6}	0.163976275197	0.156169736741
F _{13,11,7,1}	0.047957950207	0.017875235979
F _{13,11,7,2}	-0.160877123796	-0.131230390954
F _{13,11,7,3}	-0.094171974909	-0.068449074357
F _{13,11,7,4}	0.119022912708	0.068885055730
F _{13,11,7,5}	0.231942086340	0.219734608111
F _{13,11,7,6}	-0.030082714317	-0.069757018440
F _{13,11,7,7}	-0.375979128762	-0.401104651105
F _{13,11,8,1}	-0.031390658177	-0.000435981363
F _{13,11,8,2}	0.089812160987	0.122510763648
F _{13,11,8,3}	0.045342061964	-0.026594863283
F _{13,11,8,4}	0.054061688848	0.032698602409
F _{13,11,8,5}	0.142129925056	0.177880397045
F _{13,11,8,6}	0.063217298811	0.104199546274
F _{13,11,8,7}	-0.092428049282	-0.120766838196
F _{13,11,8,8}	-0.114751121465	-0.079079794244
F _{13,11,9,9}	0.018545186827	0.064895071158
F _{13,12,10,10}	0.072276419582	0.106287391653
F _{13,12,10,9}	0.074988794831	0.020927105531
F _{13,12,1,1}	-0.026653844376	-0.025393049010
F _{13,12,11,10}	0.091556086704	0.054497670659
F _{13,12,11,11}	-0.055727709280	-0.051828516854
F _{13,12,11,9}	-0.020927105535	0.009591590036
F _{13,12,12,10}	0.107621837942	0.172222272631
F _{13,12,12,11}	-0.140733338584	-0.141818226781
F _{13,12,12,12}	0.128603782784	0.097151156813
F _{13,12,12,9}	-0.029129933813	-0.030200057365
F _{13,12,2,1}	-0.071936925247	-0.088504217150
F _{13,12,2,2}	0.409507926949	0.401147064669
F _{13,12,3,1}	0.038802341516	0.055805614747
F _{13,12,3,2}	-0.073680850739	-0.074552813457
F _{13,12,3,3}	-0.096711539713	-0.056302624533
F _{13,12,4,1}	0.117278987321	0.039674304295
F _{13,12,4,2}	-0.028338788741	-0.056677577488
F _{13,12,4,3}	-0.074116832115	-0.109867304053
F _{13,12,4,4}	0.132404184770	0.123381833522
F _{13,12,5,1}	0.088068235801	0.010899534135
F _{13,12,5,2}	-0.049701875639	-0.005231776384
F _{13,12,5,3}	-0.071500943901	-0.033134583756
F _{13,12,5,4}	0.064961223417	0.054497670652
F _{13,12,5,5}	0.285268271881	0.221643012867
F _{13,12,6,1}	0.088068235743	0.009155608548
F _{13,12,6,2}	0.025286919308	0.016567291890
F _{13,12,6,3}	-0.102891602311	-0.029646732865
F _{13,12,6,4}	0.251561247782	0.153901421684
F _{13,12,6,5}	-0.015259347782	0.084144403525
F _{13,12,6,6}	0.328625866849	0.295789912847
F _{13,12,7,1}	-0.074988794857	0.000871962725

F _{13,12,7,2}	0.192267782105	0.258972930988
F _{13,12,7,3}	-0.117278987262	-0.170032732462
F _{13,12,7,4}	-0.129922446849	-0.068449074365
F _{13,12,7,5}	-0.195755633023	-0.188779931174
F _{13,12,7,6}	0.118586931438	0.143873850557
F _{13,12,7,7}	0.368555746343	0.342334681948
F _{13,12,8,1}	0.093300012091	0.001307944088
F _{13,12,8,2}	-0.078476645551	-0.035750471955
F _{13,12,8,3}	0.167852825639	0.106379453134
F _{13,12,8,4}	-0.079784589502	-0.114663099079
F _{13,12,8,5}	-0.222350496279	-0.146489738740
F _{13,12,8,6}	-0.076732721007	-0.117714968609
F _{13,12,8,7}	0.018747198576	0.057113558860
F _{13,12,8,8}	0.220682894149	0.158801560914
F _{13,12,9,9}	0.015947627180	-0.015903652345
F _{13,13,10,10}	-0.069231923507	-0.082958284835
F _{13,13,10,9}	-0.090752708407	-0.077983179019
F _{13,13,1,1}	-0.064907916094	-0.072973914204
F _{13,13,11,10}	0.340559481109	0.319239913509
F _{13,13,11,11}	-0.265208325008	-0.260558568707
F _{13,13,11,9}	-0.020774436312	-0.036636262916
F _{13,13,12,10}	-0.067977399240	-0.138417805543
F _{13,13,12,11}	-0.008322705686	-0.052162806445
F _{13,13,12,12}	0.107761615477	0.164335534843
F _{13,13,12,9}	-0.065458720298	-0.038892900987
F _{13,13,13,10}	0.626094206114	0.618199154012
F _{13,13,13,11}	0.183650434417	0.169587495625
F _{13,13,13,12}	0.289648591743	0.266781445004
F _{13,13,13,13}	-0.089500910868	-0.076290989070
F _{13,13,13,9}	0.152519043896	0.128814477097
F _{13,13,2,1}	0.191064488288	0.199125236628
F _{13,13,2,2}	0.634298082241	0.645289879042
F _{13,13,3,1}	-0.053362858168	-0.045244331537
F _{13,13,3,2}	0.104026362984	0.116539406403
F _{13,13,3,3}	-0.272215328816	-0.258368916263
F _{13,13,4,1}	0.120608808788	0.077283474747
F _{13,13,4,2}	-0.169039350375	-0.179412313231
F _{13,13,4,3}	-0.068197057462	-0.047431686638
F _{13,13,4,4}	0.007266876946	0.007810983295
F _{13,13,5,1}	-0.004455716559	0.058216915916
F _{13,13,5,2}	-0.118793423172	-0.111887070532
F _{13,13,5,3}	-0.073433542019	-0.069933886725
F _{13,13,5,4}	0.059734771047	0.099545895133
F _{13,13,5,5}	0.189497507045	0.169747408742
F _{13,13,6,1}	0.069163505378	0.054167203291
F _{13,13,6,2}	0.881223134465	0.879278475022
F _{13,13,6,3}	0.202275157997	0.167252785710
F _{13,13,6,4}	0.024844044543	0.080553763051
F _{13,13,6,5}	0.021823923872	-0.000145923719
F _{13,13,6,6}	-0.096479545821	-0.094950214959
F _{13,13,7,1}	0.013400851011	0.034733261994
F _{13,13,7,2}	-0.067582651443	-0.019538896785

F _{13,13,7,3}	-0.125651430913	-0.037419320551
F _{13,13,7,4}	-0.038610536114	-0.028295056464
F _{13,13,7,5}	-0.130377722417	-0.134717858202
F _{13,13,7,6}	0.448003885645	0.442702355746
F _{13,13,7,7}	0.272989736208	0.273316522527
F _{13,13,8,1}	-0.028913834171	-0.040080103381
F _{13,13,8,2}	-0.033102265162	-0.036660162205
F _{13,13,8,3}	0.102948278480	0.117320750247
F _{13,13,8,4}	0.078651416183	0.061508396914
F _{13,13,8,5}	-0.053330738797	-0.062020706753
F _{13,13,8,6}	-0.072702358147	0.011415458888
F _{13,13,8,7}	0.031590391397	-0.010903780763
F _{13,13,8,8}	-0.051157974543	-0.056514075139
F _{13,13,9,9}	-0.136169754540	-0.121724008077
F _{13,9,1,1}	0.111900573698	0.076430605631
F _{13,9,2,1}	-0.112483192235	-0.083708422127
F _{13,9,2,2}	0.102759998841	0.053037950306
F _{13,9,3,1}	0.049265894274	0.026158881924
F _{13,9,3,2}	0.001743925457	0.030082714206
F _{13,9,3,3}	0.007926534973	-0.007458222613
F _{13,9,4,1}	0.021799068270	-0.045342061993
F _{13,9,4,2}	-0.041854211076	0.023978975104
F _{13,9,4,3}	0.080656552579	-0.016131310509
F _{13,9,4,4}	-0.056899383880	-0.066030063934
F _{13,9,5,1}	0.012207478228	-0.030518695565
F _{13,9,5,2}	-0.132102353684	-0.086760291701
F _{13,9,5,3}	0.043598136518	0.018311217357
F _{13,9,5,4}	-0.058857484312	-0.026158881921
F _{13,9,5,5}	0.005761662037	-0.016478526700
F _{13,9,6,1}	0.004795795007	0.042726173780
F _{13,9,6,2}	-0.072808887991	-0.056241596116
F _{13,9,6,3}	-0.028774770137	-0.017875235982
F _{13,9,6,4}	-0.025722900546	-0.037930378821
F _{13,9,6,5}	-0.126870577309	-0.076296738914
F _{13,9,6,6}	0.139442568937	0.129951076734
F _{13,9,7,1}	-0.133410297780	-0.071064962548
F _{13,9,7,2}	0.211450962178	0.148233664197
F _{13,9,7,3}	-0.005667757758	0.009155608678
F _{13,9,7,4}	0.050573838376	-0.009591590043
F _{13,9,7,5}	-0.077168701658	-0.021363086900
F _{13,9,7,6}	-0.074116832082	-0.020491124158
F _{13,9,7,7}	0.033423927941	0.009199272351
F _{13,9,8,1}	0.021363086878	0.022671030993
F _{13,9,8,2}	0.081528515354	0.028338788740
F _{13,9,8,3}	0.027030844632	-0.010463552767
F _{13,9,8,4}	0.030518695637	-0.006539720480
F _{13,9,8,5}	-0.107251415857	0.013079440961
F _{13,9,8,6}	-0.012643459672	-0.037058416042
F _{13,9,8,7}	-0.027466826037	0.026594863290
F _{13,9,8,8}	0.029996212350	0.006914128624
F _{13,9,9,9}	0.165128966442	0.154637988702
F _{14,10,10,10}	-0.723958612054	-0.659091061879

F _{14,10,10,9}	0.484882540580	0.442223245108
F _{14,10,1,1}	0.155587428288	0.136960360616
F _{14,10,2,1}	-0.181368247854	-0.193575726187
F _{14,10,2,2}	-0.664538621572	-0.634395911444
F _{14,10,3,1}	0.060601409788	-0.057113558888
F _{14,10,3,2}	-0.317394433903	-0.179624322492
F _{14,10,3,3}	0.153542825672	0.203470069185
F _{14,10,4,1}	0.213630869179	0.209707036792
F _{14,10,4,2}	-0.132974316420	-0.119458894081
F _{14,10,4,3}	-0.013079440989	0.051009819746
F _{14,10,4,4}	0.367985522352	0.363610535470
F _{14,10,5,1}	0.116407024569	0.124254689124
F _{14,10,5,2}	0.122074782281	0.112047210882
F _{14,10,5,3}	0.007847664568	0.010463552783
F _{14,10,5,4}	-0.172648620711	-0.208835074000
F _{14,10,5,5}	0.182347664230	0.216940390354
F _{14,10,6,1}	-0.059293465813	-0.054061689585
F _{14,10,6,2}	0.108123378904	0.112483192260
F _{14,10,6,3}	0.113355154531	0.105071508998
F _{14,10,6,4}	0.086760291755	0.083708421220
F _{14,10,6,5}	-0.015259347776	-0.018311217281
F _{14,10,6,6}	-0.287790586265	-0.276951326434
F _{14,10,7,1}	0.434673421136	0.403282762912
F _{14,10,7,2}	0.503558476932	0.428569682088
F _{14,10,7,3}	0.203167316243	0.176572452965
F _{14,10,7,4}	0.080220571250	0.034006546431
F _{14,10,7,5}	0.164364974725	0.179188341133
F _{14,10,7,6}	0.041854211426	0.084144403580
F _{14,10,7,7}	-0.955834308838	-0.922324018235
F _{14,10,8,1}	0.030954676597	0.035750471944
F _{14,10,8,2}	0.144309832567	0.160877123791
F _{14,10,8,3}	0.009155608677	-0.006539720480
F _{14,10,8,4}	0.009155609737	0.043162155145
F _{14,10,8,5}	0.057549540313	-0.023978975088
F _{14,10,8,6}	0.010027569404	-0.045778043253
F _{14,10,8,7}	-0.264640689169	-0.216246757178
F _{14,10,8,8}	-0.091027686632	-0.085660744756
F _{14,10,9,9}	-0.119192786946	-0.002866945929
F _{14,11,10,10}	-0.159112305675	-0.097049274619
F _{14,11,10,9}	0.029646732842	-0.005231776376
F _{14,11,1,1}	0.045676072876	0.041258411084
F _{14,11,11,10}	0.258367075382	0.234190655125
F _{14,11,11,11}	0.012868788690	0.042759915446
F _{14,11,11,9}	0.059132204641	0.047631044076
F _{14,11,2,1}	0.019183180094	-0.000435981376
F _{14,11,2,2}	-0.471788706239	-0.484023964912
F _{14,11,3,1}	0.024850937828	-0.014823366436
F _{14,11,3,2}	0.232378067717	0.205347223045
F _{14,11,3,3}	-0.022818103014	0.039213808765
F _{14,11,4,1}	0.012207478259	0.013515422338
F _{14,11,4,2}	0.034006546474	0.130358428212
F _{14,11,4,3}	-0.017875235976	-0.074116832094

F _{14,11,4,4}	0.049825412764	0.022616449282
F _{14,11,5,1}	0.077604683028	-0.010027571393
F _{14,11,5,2}	0.045342061983	0.174828527482
F _{14,11,5,3}	0.022235049632	0.021363086909
F _{14,11,5,4}	-0.007411683226	-0.045342061994
F _{14,11,5,5}	-0.158483476758	-0.120144897112
F _{14,11,6,1}	-0.010899534168	-0.018311217404
F _{14,11,6,2}	0.069321037146	0.029646732845
F _{14,11,6,3}	-0.086324310384	-0.022235049664
F _{14,11,6,4}	-0.072372906653	-0.011771496973
F _{14,11,6,5}	0.064089260682	0.030954676948
F _{14,11,6,6}	0.022343552931	0.065252420100
F _{14,11,7,1}	-0.013515422327	-0.011771496859
F _{14,11,7,2}	0.096787863107	0.104199546309
F _{14,11,7,3}	-0.198807502564	-0.226274328603
F _{14,11,7,4}	-0.100275714011	-0.057113558863
F _{14,11,7,5}	0.118150949986	0.158697216966
F _{14,11,7,6}	-0.058857484269	-0.137770111434
F _{14,11,7,7}	-0.325479373567	-0.313359811107
F _{14,11,8,1}	0.110739266748	0.015259347790
F _{14,11,8,2}	-0.030082714114	-0.112483192244
F _{14,11,8,3}	0.091120105348	0.017003273239
F _{14,11,8,4}	0.042726173945	0.004795795014
F _{14,11,8,5}	0.005667757764	0.064961223425
F _{14,11,8,6}	-0.102019639766	0.017439254633
F _{14,11,8,7}	-0.068449074406	0.029210751473
F _{14,11,8,8}	0.003641455655	-0.017493836342
F _{14,11,9,9}	0.057657629156	0.039907004927
F _{14,12,10,10}	0.272324530989	0.224619941746
F _{14,12,10,9}	-0.044034117896	-0.034442527862
F _{14,12,1,1}	-0.212257494935	-0.213299880231
F _{14,12,11,10}	0.017875235974	-0.001743925456
F _{14,12,11,11}	-0.091865236116	-0.084519911649
F _{14,12,11,9}	0.025286919182	-0.034878509218
F _{14,12,12,10}	-0.223014482736	-0.149821731469
F _{14,12,12,11}	-0.036688738287	-0.035198051591
F _{14,12,12,12}	1.027754421936	0.976064368261
F _{14,12,12,9}	-0.078696037632	-0.100137573336
F _{14,12,2,1}	0.112483192110	0.066705148896
F _{14,12,2,2}	2.164412232118	2.141901522850
F _{14,12,3,1}	-0.081528515323	0.006103739150
F _{14,12,3,2}	-0.070192999842	-0.115099080445
F _{14,12,3,3}	-0.092107043868	-0.091164962013
F _{14,12,4,1}	-0.071064962761	-0.001307944233
F _{14,12,4,2}	0.102891602217	0.043598136527
F _{14,12,4,3}	-0.118586931320	-0.087632254445
F _{14,12,4,4}	-0.540596564281	-0.542661251124
F _{14,12,5,1}	0.100711695356	0.104199546295
F _{14,12,5,2}	-1.213336139625	-1.272193623943
F _{14,12,5,3}	0.157825254236	0.079348608473
F _{14,12,5,4}	-0.673155227962	-0.755991687403
F _{14,12,5,5}	0.677986384753	0.697690699494

F _{14,12,6,1}	0.077604683176	-0.012207477777
F _{14,12,6,2}	0.093300011570	0.166544881541
F _{14,12,6,3}	-0.045778042874	-0.087196272957
F _{14,12,6,4}	0.040546267035	0.023107013379
F _{14,12,6,5}	-0.030518695570	-0.038366360226
F _{14,12,6,6}	0.029125842815	0.052859225421
F _{14,12,7,1}	-0.010463552686	-0.054933652033
F _{14,12,7,2}	2.036904938659	2.006822224482
F _{14,12,7,3}	-0.108559359986	-0.150413571057
F _{14,12,7,4}	0.997525363738	0.974854332874
F _{14,12,7,5}	-2.008566149945	-1.942732963774
F _{14,12,7,6}	0.153901421622	0.113791136336
F _{14,12,7,7}	2.818745092137	2.800383722331
F _{14,12,8,1}	-0.037058415662	-0.020927105515
F _{14,12,8,2}	-0.003487851758	-0.114227117704
F _{14,12,8,3}	-0.027466826006	-0.002179906827
F _{14,12,8,4}	0.121638799450	0.128614502792
F _{14,12,8,5}	0.093735993437	-0.017003273249
F _{14,12,8,6}	-0.007847661871	-0.095479919101
F _{14,12,8,7}	0.239789751515	0.162621049239
F _{14,12,8,8}	-0.099563828149	-0.094231866017
F _{14,12,9,9}	-0.278232737130	-0.243449651953
F _{14,13,10,10}	0.051835534213	-0.014751120482
F _{14,13,10,9}	0.111175248156	0.057549540225
F _{14,13,1,1}	0.092537583455	0.042016102079
F _{14,13,11,10}	0.071936925272	0.146489738739
F _{14,13,11,11}	0.009225622104	0.003095050061
F _{14,13,11,9}	-0.029646732844	-0.019619161437
F _{14,13,12,10}	-0.041418229701	0.051445801104
F _{14,13,12,11}	-0.020055142806	-0.058421502950
F _{14,13,12,12}	0.051428618261	-0.011088877035
F _{14,13,12,9}	0.050573838374	-0.007411683208
F _{14,13,13,10}	-0.366074501458	-0.324853716955
F _{14,13,13,11}	-0.000008172778	0.076994486403
F _{14,13,13,12}	-0.013679244656	0.019534307614
F _{14,13,13,13}	0.208714636586	0.171725870675
F _{14,13,13,9}	-0.064570241404	-0.075083177523
F _{14,13,2,1}	-0.103327583546	-0.069757018454
F _{14,13,2,2}	0.182620353777	0.129392781219
F _{14,13,3,1}	-0.153029459218	0.025722900538
F _{14,13,3,2}	-0.004795794998	0.046214024713
F _{14,13,3,3}	-0.002897234120	-0.003205689312
F _{14,13,4,1}	-0.029210751427	-0.013079440912
F _{14,13,4,2}	-0.108995341320	-0.055369633389
F _{14,13,4,3}	-0.062781316606	-0.017003273245
F _{14,13,4,4}	0.179854127170	0.133421850425
F _{14,13,5,1}	0.053625707940	-0.024850937814
F _{14,13,5,2}	-0.061909353867	-0.070628981179
F _{14,13,5,3}	-0.038366360146	0.031390658308
F _{14,13,5,4}	0.012207478216	0.102019639476
F _{14,13,5,5}	0.159107427902	0.112133932674
F _{14,13,6,1}	0.045342061961	0.023978974938

F _{14,13,6,2}	-0.143437869075	-0.221914514942
F _{14,13,6,3}	0.120330856692	0.043598136500
F _{14,13,6,4}	-0.046214024780	0.043162154955
F _{14,13,6,5}	-0.078912627120	-0.074116832078
F _{14,13,6,6}	0.255744952523	0.184837583996
F _{14,13,7,1}	0.079784589829	0.017875235975
F _{14,13,7,2}	0.206655167159	0.152157496492
F _{14,13,7,3}	-0.228890216777	-0.158697216963
F _{14,13,7,4}	-0.162621049238	-0.091992068097
F _{14,13,7,5}	-0.054497670661	-0.087632254424
F _{14,13,7,6}	0.198807502654	0.143873850553
F _{14,13,7,7}	0.101076804621	0.079961514807
F _{14,13,8,1}	-0.031826639758	-0.010899534133
F _{14,13,8,2}	0.022235049815	0.050573838376
F _{14,13,8,3}	0.120330856817	-0.002615888189
F _{14,13,8,4}	-0.108123378264	-0.037494397423
F _{14,13,8,5}	-0.014823366394	-0.030082714203
F _{14,13,8,6}	-0.085888329641	-0.051445801081
F _{14,13,8,7}	0.017003273100	0.035750471956
F _{14,13,8,8}	0.128257987527	0.085854780058
F _{14,13,9,9}	0.052358711854	0.038147951818
F _{14,14,10,10}	0.768999827622	0.755302184565
F _{14,14,10,9}	-0.376465829798	-0.343757419296
F _{14,14,1,1}	-0.304952608389	-0.325463415017
F _{14,14,11,10}	0.106350291665	0.135372039059
F _{14,14,11,11}	-0.130806781602	-0.108029428523
F _{14,14,11,9}	0.023579401261	-0.002571585586
F _{14,14,12,10}	-0.356713324809	-0.391403259122
F _{14,14,12,11}	-0.005416163265	-0.034374766773
F _{14,14,12,12}	0.909476550072	0.924923436456
F _{14,14,12,9}	-0.110277604688	-0.091559449920
F _{14,14,13,10}	0.037864819643	0.017536084307
F _{14,14,13,11}	-0.083125667453	-0.074618965673
F _{14,14,13,12}	-0.014745460910	-0.056827769796
F _{14,14,13,13}	0.047009110527	0.033101753951
F _{14,14,13,9}	0.022606521540	-0.025026411845
F _{14,14,14,10}	-0.903448786424	-0.825703017367
F _{14,14,14,11}	-0.132950209481	-0.114461672308
F _{14,14,14,12}	0.578224097432	0.546924556614
F _{14,14,14,13}	-0.019068858236	-0.000520305674
F _{14,14,14,14}	0.549720584578	0.560748925612
F _{14,14,14,9}	0.085668721469	0.030074422096
F _{14,14,2,1}	0.316560047275	0.328242794865
F _{14,14,2,2}	1.466716687212	1.469417625469
F _{14,14,3,1}	0.004454978282	-0.010969488876
F _{14,14,3,2}	0.150307461531	0.104063631936
F _{14,14,3,3}	-0.164936678102	-0.145688733661
F _{14,14,4,1}	0.012686652336	0.004105680406
F _{14,14,4,2}	0.534366276735	0.523121351292
F _{14,14,4,3}	-0.051294395747	-0.071980791183
F _{14,14,4,4}	-0.309658560908	-0.311678552310
F _{14,14,5,1}	-0.042218410216	-0.034948948130

F _{14,14,5,2}	-0.304655632957	-0.345304786146
F _{14,14,5,3}	0.041464316217	0.030006457031
F _{14,14,5,4}	0.057253031051	0.061917349685
F _{14,14,5,5}	-0.462400365247	-0.447430659978
F _{14,14,6,1}	-0.025813357900	0.032904723011
F _{14,14,6,2}	0.035888805993	0.056078583144
F _{14,14,6,3}	-0.102643500251	-0.058116043702
F _{14,14,6,4}	-0.132109243539	-0.079350781377
F _{14,14,6,5}	0.000159003978	-0.018792511184
F _{14,14,6,6}	0.068862107682	0.076875391234
F _{14,14,7,1}	-0.148046402123	-0.105183219506
F _{14,14,7,2}	-0.036527363413	0.007894392199
F _{14,14,7,3}	-0.186085155460	-0.152384252927
F _{14,14,7,4}	0.716911632512	0.725416113282
F _{14,14,7,5}	-0.283574866679	-0.254914566890
F _{14,14,7,6}	-0.032246354885	-0.052505402076
F _{14,14,7,7}	2.121011304991	2.139969382045
F _{14,14,8,1}	0.032861371835	0.016329177712
F _{14,14,8,2}	-0.062681925464	-0.094410924585
F _{14,14,8,3}	0.045667034045	0.008593705156
F _{14,14,8,4}	-0.112442575037	-0.087261859489
F _{14,14,8,5}	-0.137978197884	-0.117759247449
F _{14,14,8,6}	0.009262142750	-0.004212796952
F _{14,14,8,7}	0.112481703685	0.141220178741
F _{14,14,8,8}	0.035970694961	0.038985889798
F _{14,14,9,9}	-0.259601865408	-0.258708036850
F _{14,9,1,1}	-0.349474334636	-0.350675035824
F _{14,9,2,1}	-0.243277601854	-0.202731334866
F _{14,9,2,2}	0.947525125654	0.950293358261
F _{14,9,3,1}	-0.048393931563	0.000871962747
F _{14,9,3,2}	-0.005667757738	-0.032698602407
F _{14,9,3,3}	0.037496711741	0.034311543719
F _{14,9,4,1}	0.089812161200	0.025286919153
F _{14,9,4,2}	-0.056677577492	0.001743925464
F _{14,9,4,3}	-0.016131310509	-0.003923832293
F _{14,9,4,4}	0.077186049775	0.074902912059
F _{14,9,5,1}	-0.050573838378	-0.044470099266
F _{14,9,5,2}	-0.006975701836	0.059729447052
F _{14,9,5,3}	-0.033134583763	-0.000871962732
F _{14,9,5,4}	0.058857484328	0.093735993549
F _{14,9,5,5}	0.049343377638	0.054096077302
F _{14,9,6,1}	-0.066269167479	-0.054061689234
F _{14,9,6,2}	0.108123378509	0.114663099067
F _{14,9,6,3}	0.061909353992	-0.002615888167
F _{14,9,6,4}	0.022235049620	-0.010899533921
F _{14,9,6,5}	-0.019183180068	0.021799068257
F _{14,9,6,6}	-0.095161894215	-0.061423950890
F _{14,9,7,1}	0.263768726020	0.343553315854
F _{14,9,7,2}	-0.532333247029	-0.600346340023
F _{14,9,7,3}	-0.052317763837	0.025722900546
F _{14,9,7,4}	0.024414956440	-0.010027571380
F _{14,9,7,5}	-0.144309831912	-0.119022912724

F _{14,9,7,6}	-0.004795795091	-0.025722900577
F _{14,9,7,7}	0.182182389602	0.168172856483
F _{14,9,8,1}	-0.060601409702	0.030954676942
F _{14,9,8,2}	-0.113791136504	-0.051445801102
F _{14,9,8,3}	-0.104199546309	-0.022671030995
F _{14,9,8,4}	0.054061689070	0.018311217349
F _{14,9,8,5}	-0.020055142822	-0.018311217349
F _{14,9,8,6}	0.004359814027	0.014823366390
F _{14,9,8,7}	0.005231776491	-0.006103739122
F _{14,9,8,8}	-0.039115737752	-0.047532682375
F _{14,9,9,9}	-0.480302164660	-0.439712267431
F _{15,10,10,10}	0.460303045171	0.454048099628
F _{15,10,10,9}	0.161427371132	0.143652645825
F _{15,10,1,1}	-0.027289580066	0.008894699204
F _{15,10,2,1}	0.168288807024	0.196191614385
F _{15,10,2,2}	-0.438675582824	-0.432799525360
F _{15,10,3,1}	0.030082714207	-0.038366360144
F _{15,10,3,2}	0.074552813470	0.132102353698
F _{15,10,3,3}	0.044512040642	0.071074662191
F _{15,10,4,1}	0.021363086907	-0.031390658299
F _{15,10,4,2}	-0.302571067515	-0.266384614197
F _{15,10,4,3}	-0.027902807376	0.054497670661
F _{15,10,4,4}	0.258714195578	0.304279591125
F _{15,10,5,1}	-0.019619161432	-0.029210751471
F _{15,10,5,2}	0.019183180068	0.040110285604
F _{15,10,5,3}	0.029210751478	0.097223844458
F _{15,10,5,4}	0.201423390771	0.202295353495
F _{15,10,5,5}	-0.055432928867	-0.055750813580
F _{15,10,6,1}	-0.045778043365	0.017003273230
F _{15,10,6,2}	-0.090248142615	-0.149105626926
F _{15,10,6,3}	0.079784589842	0.168724788363
F _{15,10,6,4}	0.075424776185	-0.006103739139
F _{15,10,6,5}	-0.099403751290	-0.131666372317
F _{15,10,6,6}	-0.178109064769	-0.131581503441
F _{15,10,7,1}	0.017875235971	0.064961223426
F _{15,10,7,2}	-0.241969657750	-0.169596751096
F _{15,10,7,3}	-0.041418229709	-0.008719627307
F _{15,10,7,4}	0.256357042797	0.224966384495
F _{15,10,7,5}	0.248945359585	0.202731334866
F _{15,10,7,6}	0.049265894290	0.136026185972
F _{15,10,7,7}	-0.499592703242	-0.501233565864
F _{15,10,8,1}	0.044906080611	0.071936925281
F _{15,10,8,2}	0.293851440219	0.279028073798
F _{15,10,8,3}	-0.026594863280	-0.096787863088
F _{15,10,8,4}	-0.116843005876	-0.080220571217
F _{15,10,8,5}	0.010899534138	0.011335515499
F _{15,10,8,6}	0.015695329087	0.030518695576
F _{15,10,8,7}	-0.211450962187	-0.223658440397
F _{15,10,8,8}	-0.026447685028	-0.037890611441
F _{15,10,9,9}	-0.121981229459	-0.077177128966
F _{15,11,10,10}	0.163192822579	0.213553263086
F _{15,11,10,9}	-0.124254689107	-0.039674304251

F _{15,11,1,1}	-0.036870905666	-0.011985486886
F _{15,11,11,10}	0.061770383311	0.101400838263
F _{15,11,11,11}	-0.122186395491	-0.100566481456
F _{15,11,11,9}	0.044875019471	0.024426275125
F _{15,11,2,1}	0.034006546498	-0.029646732839
F _{15,11,2,2}	-0.024182344527	0.010204461222
F _{15,11,3,1}	0.076296738928	0.014823366421
F _{15,11,3,2}	0.090248142610	0.062345335251
F _{15,11,3,3}	-0.089308940205	-0.059973504729
F _{15,11,4,1}	-0.011771496864	-0.021799068271
F _{15,11,4,2}	0.131230390957	0.076732720292
F _{15,11,4,3}	-0.017003273252	-0.001743925475
F _{15,11,4,4}	-0.104402915758	-0.032371374181
F _{15,11,5,1}	0.008283645942	-0.040546266981
F _{15,11,5,2}	0.174392546123	0.268128539652
F _{15,11,5,3}	0.002179906821	0.108123378603
F _{15,11,5,4}	-0.105071509039	-0.011771496865
F _{15,11,5,5}	-0.097427213923	-0.038805857773
F _{15,11,6,1}	0.032262621025	-0.015259347783
F _{15,11,6,2}	0.066705148877	0.108559359977
F _{15,11,6,3}	-0.034442527848	-0.046214024716
F _{15,11,6,4}	-0.017439254623	0.009591590070
F _{15,11,6,5}	0.180496285237	0.143001887826
F _{15,11,6,6}	0.077686956535	0.111171731866
F _{15,11,7,1}	0.006103739115	-0.003487850931
F _{15,11,7,2}	-0.158261235610	-0.224530403130
F _{15,11,7,3}	0.042290192437	-0.081528515308
F _{15,11,7,4}	-0.070628981181	0.001307944100
F _{15,11,7,5}	0.139950018264	0.156517310143
F _{15,11,7,6}	-0.051009819745	-0.068885055703
F _{15,11,7,7}	-0.258469709943	-0.203396340105
F _{15,11,8,1}	0.036186453319	0.029646732837
F _{15,11,8,2}	-0.222786477686	-0.141693943721
F _{15,11,8,3}	-0.000435981369	0.057985521588
F _{15,11,8,4}	-0.028774770153	0.046214024727
F _{15,11,8,5}	-0.015695329152	0.040982248336
F _{15,11,8,6}	-0.000435981277	-0.034878509236
F _{15,11,8,7}	0.093735993549	0.002615888198
F _{15,11,8,8}	-0.090872459566	-0.036340307984
F _{15,11,9,9}	-0.067237861698	-0.018563215795
F _{15,12,10,10}	0.094436670126	0.145473436079
F _{15,12,10,9}	0.020491124168	0.024414956452
F _{15,12,1,1}	-0.070733933936	-0.021477150384
F _{15,12,11,10}	0.140385999624	0.051881782466
F _{15,12,11,11}	0.033166755583	0.105537543022
F _{15,12,11,9}	-0.071936925283	-0.053189726567
F _{15,12,12,10}	-0.201387968787	-0.170070225202
F _{15,12,12,11}	-0.078457115496	0.016199031728
F _{15,12,12,12}	-0.046579347733	-0.074350452247
F _{15,12,12,9}	0.011100996366	0.014834685096
F _{15,12,2,1}	0.102455620846	0.097223844468
F _{15,12,2,2}	0.031616450034	0.053571779806

F _{15,12,3,1}	-0.060165428422	-0.040110285603
F _{15,12,3,2}	0.037930378777	-0.018311217340
F _{15,12,3,3}	0.095059255601	0.092719899662
F _{15,12,4,1}	-0.010899534144	0.040546266959
F _{15,12,4,2}	0.010027571405	-0.095479919002
F _{15,12,4,3}	-0.024414956452	0.027902807374
F _{15,12,4,4}	-0.102304998313	-0.072111124125
F _{15,12,5,1}	0.007847664573	0.020927105534
F _{15,12,5,2}	-0.044470099258	-0.064961223426
F _{15,12,5,3}	0.043162155160	0.063653279340
F _{15,12,5,4}	0.081528515314	0.140385999629
F _{15,12,5,5}	0.129576952643	0.173120876943
F _{15,12,6,1}	0.030518695585	0.023107012386
F _{15,12,6,2}	-0.020055142824	-0.017439254618
F _{15,12,6,3}	0.083708422155	0.054497670670
F _{15,12,6,4}	-0.139078055529	-0.059729447007
F _{15,12,6,5}	-0.060165428415	-0.155209366046
F _{15,12,6,6}	-0.092382663804	-0.080890886819
F _{15,12,7,1}	0.009155608675	-0.001743925461
F _{15,12,7,2}	-0.068885055722	-0.071064962553
F _{15,12,7,3}	-0.054061689303	-0.001743925464
F _{15,12,7,4}	-0.028774770114	0.028774770111
F _{15,12,7,5}	-0.033134583764	-0.144745813283
F _{15,12,7,6}	0.078476645750	0.094171974906
F _{15,12,7,7}	0.312328313928	0.307643678888
F _{15,12,8,1}	-0.096787863071	-0.034442527859
F _{15,12,8,2}	0.027466825982	0.030082714206
F _{15,12,8,3}	0.037058416043	-0.051445801107
F _{15,12,8,4}	0.153901421901	0.166544881546
F _{15,12,8,5}	-0.007847664580	-0.082836459405
F _{15,12,8,6}	0.126434596033	0.139078055527
F _{15,12,8,7}	0.111611229539	0.153465440584
F _{15,12,8,8}	-0.124073998878	-0.085581444925
F _{15,12,9,9}	-0.045542413565	-0.032290699268
F _{15,13,10,10}	-0.097962879256	-0.118228321414
F _{15,13,10,9}	-0.034442527857	0.036622434683
F _{15,13,1,1}	-0.003197034477	0.022211456469
F _{15,13,11,10}	0.204039278959	0.228454235422
F _{15,13,11,11}	-0.033960814821	-0.025974664516
F _{15,13,11,9}	-0.028774770112	0.005667757750
F _{15,13,12,10}	-0.197499558480	-0.081092533950
F _{15,13,12,11}	0.189215912542	0.077604683022
F _{15,13,12,12}	-0.030356702206	-0.106485889977
F _{15,13,12,9}	-0.047521968822	0.048829912914
F _{15,13,13,10}	-0.170171703037	-0.165594149849
F _{15,13,13,11}	0.098841973057	0.123915494388
F _{15,13,13,12}	-0.100417934742	-0.087340612991
F _{15,13,13,13}	0.078261116874	0.029322698944
F _{15,13,13,9}	0.003195200950	-0.051201959042
F _{15,13,2,1}	-0.009591590027	-0.000871962725
F _{15,13,2,2}	-0.210122810773	-0.226628666239
F _{15,13,3,1}	-0.069757018445	-0.025286919190

F _{15,13,3,2}	0.136026185968	0.129922446855
F _{15,13,3,3}	-0.081433138822	-0.043576628202
F _{15,13,4,1}	-0.074988794815	-0.012643459586
F _{15,13,4,2}	-0.025722900556	-0.061037391142
F _{15,13,4,3}	0.050573838377	0.026158881925
F _{15,13,4,4}	0.031681474742	0.037425702748
F _{15,13,5,1}	0.041418229708	0.020491124174
F _{15,13,5,2}	-0.172648620662	-0.130794409587
F _{15,13,5,3}	0.148233664197	0.153901421955
F _{15,13,5,4}	0.195755633016	0.096351881728
F _{15,13,5,5}	0.056397108034	0.031231760572
F _{15,13,6,1}	-0.041854211080	-0.054497670690
F _{15,13,6,2}	-0.022235049592	-0.027902807383
F _{15,13,6,3}	0.211014980782	0.090684123975
F _{15,13,6,4}	0.127742540033	0.067141130172
F _{15,13,6,5}	-0.085016366234	-0.091992068074
F _{15,13,6,6}	0.069867428818	0.048731150607
F _{15,13,7,1}	-0.075860757573	-0.014823366415
F _{15,13,7,2}	0.034442527859	0.076296738934
F _{15,13,7,3}	-0.108123378593	-0.097223844466
F _{15,13,7,4}	-0.074552813465	0.021799068260
F _{15,13,7,5}	-0.087196273061	-0.096787863096
F _{15,13,7,6}	0.027466826045	0.040110285610
F _{15,13,7,7}	0.071551218903	0.072544753424
F _{15,13,8,1}	0.071064962512	0.002615888195
F _{15,13,8,2}	0.111175248213	0.132974316416
F _{15,13,8,3}	0.070192999815	-0.040546266971
F _{15,13,8,4}	0.018747198810	-0.037058416053
F _{15,13,8,5}	0.066705148900	0.005231776384
F _{15,13,8,6}	-0.074552813672	-0.062781316593
F _{15,13,8,7}	0.026158881883	0.082400478042
F _{15,13,8,8}	0.053931558157	0.065027833309
F _{15,13,9,9}	0.018356949010	0.030295997033
F _{15,14,10,10}	0.351792280260	0.293419141329
F _{15,14,10,9}	-0.066705148896	-0.046214024723
F _{15,14,1,1}	-0.038137986993	-0.038505564580
F _{15,14,11,10}	-0.012207478226	-0.030082714209
F _{15,14,11,11}	0.034979154818	0.028284340381
F _{15,14,11,9}	0.022235049633	-0.002615888197
F _{15,14,12,10}	-0.184856098888	-0.153465440588
F _{15,14,12,11}	-0.102455620845	-0.012643459595
F _{15,14,12,12}	-0.057216371230	-0.069724270539
F _{15,14,12,9}	0.038802341513	0.000435981367
F _{15,14,13,10}	0.069321037082	0.012207478232
F _{15,14,13,11}	0.082836459420	0.000871962732
F _{15,14,13,12}	-0.023542993725	-0.021799068266
F _{15,14,13,13}	-0.050880108725	-0.029497723238
F _{15,14,13,9}	-0.051445801105	0.004359813657
F _{15,14,14,10}	-0.136630203331	-0.092291149637
F _{15,14,14,11}	-0.009862714026	0.019570620956
F _{15,14,14,12}	-0.096930083820	-0.057577618453
F _{15,14,14,13}	0.000510778460	0.018146649643

F _{15,14,14,14}	-0.020073161432	-0.012773358733
F _{15,14,14,9}	-0.136028181702	-0.052248314317
F _{15,14,2,1}	0.037930378779	0.078476645754
F _{15,14,2,2}	0.058679943810	0.089642889130
F _{15,14,3,1}	-0.085016366231	-0.015695329142
F _{15,14,3,2}	-0.098531788569	-0.087632254432
F _{15,14,3,3}	-0.028937276784	-0.002243942026
F _{15,14,4,1}	0.065833186144	0.032262621025
F _{15,14,4,2}	-0.043162155157	-0.024414956459
F _{15,14,4,3}	0.032262621035	0.016131310510
F _{15,14,4,4}	-0.038739340600	-0.036581233057
F _{15,14,5,1}	0.000000000000	0.007847664569
F _{15,14,5,2}	-0.017003273246	-0.064089260699
F _{15,14,5,3}	0.064961223426	0.013079440954
F _{15,14,5,4}	0.204039278967	0.171340676564
F _{15,14,5,5}	0.262117869099	0.236733981480
F _{15,14,6,1}	0.088504217171	-0.005667757721
F _{15,14,6,2}	0.001743925414	0.062345335244
F _{15,14,6,3}	-0.008719627293	-0.012643459582
F _{15,14,6,4}	0.002615888189	-0.021799068203
F _{15,14,6,5}	-0.165672918817	-0.050573838380
F _{15,14,6,6}	-0.022021710331	-0.047225191953
F _{15,14,7,1}	0.020491124181	0.033570565127
F _{15,14,7,2}	-0.187907968449	-0.163928993350
F _{15,14,7,3}	0.059293465680	0.004795795016
F _{15,14,7,4}	-0.238481806823	-0.182240210691
F _{15,14,7,5}	-0.081964496682	-0.123818707746
F _{15,14,7,6}	0.017003273229	0.048393931550
F _{15,14,7,7}	0.139622139335	0.144606608806
F _{15,14,8,1}	0.007411683237	-0.020927105534
F _{15,14,8,2}	-0.085888329029	-0.026594863282
F _{15,14,8,3}	-0.006975701848	-0.016567291882
F _{15,14,8,4}	0.139078055420	0.073680850737
F _{15,14,8,5}	-0.151721515131	-0.121638800918
F _{15,14,8,6}	0.051881782702	0.036186453314
F _{15,14,8,7}	0.150849552436	0.177008434308
F _{15,14,8,8}	-0.094184143143	-0.073744885987
F _{15,14,9,9}	-0.037626275220	-0.068387261028
F _{15,15,10,10}	0.569778548753	0.581728107979
F _{15,15,10,9}	-0.111912337349	-0.125534213264
F _{15,15,1,1}	-0.104389748179	-0.061861070114
F _{15,15,11,10}	-0.083214405979	-0.091803317688
F _{15,15,11,11}	0.029569791770	0.063146202223
F _{15,15,11,9}	-0.008276303838	-0.012860745804
F _{15,15,12,10}	0.025962052290	0.030975487576
F _{15,15,12,11}	0.071432818756	0.014745800401
F _{15,15,12,12}	-0.084569463193	-0.052356686011
F _{15,15,12,9}	-0.047031241222	-0.045287294313
F _{15,15,13,10}	0.109423894422	0.097175347182
F _{15,15,13,11}	0.047494349573	-0.038926624571
F _{15,15,13,12}	0.222021485857	0.161802352141
F _{15,15,13,13}	-0.019941139661	-0.028300638195

F _{15,15,13,9}	0.020106895050	0.018978640628
F _{15,15,14,10}	-0.067514462462	-0.076111815320
F _{15,15,14,11}	0.031091831297	0.046592052517
F _{15,15,14,12}	-0.116977762789	-0.107365335153
F _{15,15,14,13}	0.150018537641	0.095348706952
F _{15,15,14,14}	-0.030201342994	-0.023433875593
F _{15,15,14,9}	-0.039806499870	-0.045262052152
F _{15,15,15,10}	-0.032221749515	-0.041159657295
F _{15,15,15,11}	-0.039819454482	0.000312899045
F _{15,15,15,12}	-0.110366775178	-0.111978997776
F _{15,15,15,13}	0.040967941634	0.060780431306
F _{15,15,15,14}	-0.156367643635	-0.108756333160
F _{15,15,15,15}	-0.207764817248	-0.170235165466
F _{15,15,15,9}	-0.033740553036	-0.049085149138
F _{15,15,2,1}	0.069928743131	0.074769936520
F _{15,15,2,2}	0.189069094930	0.205600314179
F _{15,15,3,1}	0.024711343629	0.016396725759
F _{15,15,3,2}	-0.193581225219	-0.165439925876
F _{15,15,3,3}	-0.001111900269	0.020207519452
F _{15,15,4,1}	0.050113975134	0.072789514563
F _{15,15,4,2}	-0.195667753042	-0.199802826493
F _{15,15,4,3}	0.038584838704	0.056264805279
F _{15,15,4,4}	0.050790334200	0.025557216809
F _{15,15,5,1}	0.024587349848	0.024948184012
F _{15,15,5,2}	-0.064664660122	-0.083850115030
F _{15,15,5,3}	0.030464170884	0.009012277458
F _{15,15,5,4}	0.178455850494	0.223968269323
F _{15,15,5,5}	0.256695817865	0.317312036996
F _{15,15,6,1}	0.018790886358	-0.015925192418
F _{15,15,6,2}	0.134823046233	0.121341639874
F _{15,15,6,3}	-0.099088571748	-0.055902602225
F _{15,15,6,4}	0.011228019239	0.006436953610
F _{15,15,6,5}	0.026183739936	0.037616770731
F _{15,15,6,6}	-0.041493354776	-0.033055376969
F _{15,15,7,1}	0.043315880206	0.025141671319
F _{15,15,7,2}	-0.132644485665	-0.142016123349
F _{15,15,7,3}	-0.025778160745	0.028313254376
F _{15,15,7,4}	-0.118629884575	-0.113680328599
F _{15,15,7,5}	-0.123670316478	-0.158730370504
F _{15,15,7,6}	0.110487233154	0.089289148658
F _{15,15,7,7}	-0.019587956348	0.007020323927
F _{15,15,8,1}	-0.059097158955	-0.030488513468
F _{15,15,8,2}	0.072472300831	0.082060917269
F _{15,15,8,3}	-0.096395813548	-0.069748792574
F _{15,15,8,4}	0.146932810463	0.084850169056
F _{15,15,8,5}	-0.068757771288	-0.128356948317
F _{15,15,8,6}	0.020195204575	0.023958305383
F _{15,15,8,7}	0.094707076218	0.120628443398
F _{15,15,8,8}	-0.209476541212	-0.128295511656
F _{15,15,9,9}	-0.125851957706	-0.099647193756
F _{15,9,1,1}	0.056515789950	0.008938948101
F _{15,9,2,1}	0.037058416056	-0.040546266968

F _{15,9,2,2}	0.271018621675	0.293258933633
F _{15,9,3,1}	-0.054497670659	-0.015695329148
F _{15,9,3,2}	0.016567291875	-0.044470099257
F _{15,9,3,3}	0.073834773842	0.024393735822
F _{15,9,4,1}	-0.057985521589	-0.048393931544
F _{15,9,4,2}	0.048829912911	0.099403751283
F _{15,9,4,3}	0.017003273253	0.004795795032
F _{15,9,4,4}	0.059402287260	0.047666120402
F _{15,9,5,1}	0.000871962732	-0.022671031003
F _{15,9,5,2}	0.051881782464	0.064089260707
F _{15,9,5,3}	0.000871962739	-0.025286919187
F _{15,9,5,4}	-0.034878509222	0.035750471952
F _{15,9,5,5}	0.045450883565	0.044839758458
F _{15,9,6,1}	-0.005667757737	0.005667757752
F _{15,9,6,2}	0.060165428408	0.042726173797
F _{15,9,6,3}	-0.010463552769	-0.010899534135
F _{15,9,6,4}	-0.087632254427	-0.000871962702
F _{15,9,6,5}	0.037494397405	-0.012643459600
F _{15,9,6,6}	-0.040482546918	-0.044160575447
F _{15,9,7,1}	0.048393931556	0.034442527870
F _{15,9,7,2}	-0.032262621032	-0.061909353868
F _{15,9,7,3}	0.051445801094	0.000871962715
F _{15,9,7,4}	0.125126651843	-0.008719627309
F _{15,9,7,5}	0.054497670661	-0.010027571400
F _{15,9,7,6}	-0.059293465693	-0.027466826010
F _{15,9,7,7}	-0.030139264865	-0.006094892090
F _{15,9,8,1}	0.098531788562	0.056241596127
F _{15,9,8,2}	-0.187471987088	-0.137334130075
F _{15,9,8,3}	0.064525242055	-0.001307944093
F _{15,9,8,4}	-0.033570565149	0.001743925460
F _{15,9,8,5}	-0.116843005902	-0.052317763835
F _{15,9,8,6}	0.098095807225	-0.005667757749
F _{15,9,8,7}	0.006103739123	-0.005667757750
F _{15,9,8,8}	-0.009212159323	-0.038327445441
F _{15,9,9,9}	0.024815098038	0.026842682483

Table S8 C_s methanediol force constants in mdyne/Åⁿrad^m with coordinates matching those from Eqs. 16-30 of the main text.

	F12-TZ-cCR	F12-DZ-cCR
F _{1,1,0,0}	5.078350978527	5.073324702700
F _{2,1,0,0}	0.052549736260	0.054881668961
F _{2,2,0,0}	5.457239598401	5.455265688468
F _{3,1,0,0}	0.304170441925	0.305751567574
F _{3,2,0,0}	0.247414691157	0.249234299705
F _{3,3,0,0}	6.273551342003	6.255934157090
F _{4,1,0,0}	0.013163988840	0.013543796912
F _{4,2,0,0}	-0.042134742863	-0.041956440274
F _{4,3,0,0}	-0.036912267379	-0.033754501294
F _{4,4,0,0}	8.289416686570	8.303780884432
F _{5,1,0,0}	0.144015986759	0.145419387384
F _{5,2,0,0}	0.015123559263	0.016099020975
F _{5,3,0,0}	-0.361294080549	-0.360747890713

F _{5,4,0,0}	-0.064781711182	-0.065027804127
F _{5,5,0,0}	1.042954926249	1.044806806332
F _{6,1,0,0}	0.149368293822	0.150833219556
F _{6,2,0,0}	-0.104867749703	-0.105236098748
F _{6,3,0,0}	-0.238628408370	-0.237272932580
F _{6,4,0,0}	-0.067575038617	-0.067962103618
F _{6,5,0,0}	0.477368165946	0.477836254920
F _{6,6,0,0}	2.215301711112	2.216318258402
F _{7,1,0,0}	-0.003152325338	-0.003529970911
F _{7,2,0,0}	0.039140223052	0.039802917267
F _{7,3,0,0}	0.413841311770	0.414777627535
F _{7,4,0,0}	0.138168873678	0.140710355740
F _{7,5,0,0}	-0.080238329602	-0.081031178432
F _{7,6,0,0}	-0.078443903384	-0.079092279824
F _{7,7,0,0}	0.805274389433	0.808966414137
F _{8,1,0,0}	0.022214026330	0.021797572252
F _{8,2,0,0}	-0.114405748436	-0.115625804887
F _{8,3,0,0}	0.257843843345	0.257357467511
F _{8,4,0,0}	-0.101046489136	-0.100839476774
F _{8,5,0,0}	0.459182661171	0.459230169093
F _{8,6,0,0}	-0.592106158868	-0.588893708743
F _{8,7,0,0}	-0.115219184014	-0.117125502199
F _{8,8,0,0}	2.499663911445	2.494786718889
F _{9,1,0,0}	0.012740475948	0.012754322283
F _{9,2,0,0}	-0.008673321315	-0.008610429413
F _{9,3,0,0}	-0.002297934351	-0.002348586751
F _{9,4,0,0}	0.022194134162	0.022580929816
F _{9,5,0,0}	-0.009033083233	-0.008959038962
F _{9,6,0,0}	0.011681787402	0.012838188729
F _{9,7,0,0}	-0.010095730836	-0.010329888498
F _{9,8,0,0}	0.096918565856	0.094352676256
F _{9,9,0,0}	0.061855395760	0.061260724447
F _{10,10,0,0}	4.776900801422	4.764254217169
F _{11,10,0,0}	-0.031361225231	-0.028303202694
F _{11,11,0,0}	8.297369312795	8.311752255363
F _{12,10,0,0}	0.280691060452	0.280395174103
F _{12,11,0,0}	-0.068919933397	-0.069128647628
F _{12,12,0,0}	0.912578858120	0.914425167180
F _{13,10,0,0}	0.359773280842	0.361601988622
F _{13,11,0,0}	0.119804840939	0.122031016416
F _{13,12,0,0}	-0.056724434399	-0.057857818770
F _{13,13,0,0}	0.768763331994	0.772631222567
F _{14,10,0,0}	-0.435167527313	-0.435579024977
F _{14,11,0,0}	-0.035942879742	-0.035910643189
F _{14,12,0,0}	0.285144225931	0.285611046073
F _{14,13,0,0}	-0.080190137949	-0.080631988444
F _{14,14,0,0}	0.563203023284	0.565081607788
F _{15,10,0,0}	-0.052581890605	-0.051600699395
F _{15,11,0,0}	0.020380255030	0.020909741820
F _{15,12,0,0}	0.032468597761	0.033380301519
F _{15,13,0,0}	-0.016448939313	-0.016422708754
F _{15,14,0,0}	0.043206006526	0.043172964175

F _{15,15,0,0}	0.017098167052	0.016520852895
F _{1,1,1,0}	-30.171800014565	-30.242960449632
F _{2,1,1,0}	0.021404156225	0.021563275795
F _{2,2,1,0}	0.069992823273	0.069055589437
F _{2,2,2,0}	-31.671890465756	-31.750765671969
F _{3,1,1,0}	0.464373151060	0.460903084882
F _{3,2,1,0}	-0.058155403890	-0.061137056992
F _{3,2,2,0}	0.338037473318	0.335371025073
F _{3,3,1,0}	-1.083444944751	-1.078289663431
F _{3,3,2,0}	-0.964175318285	-0.958677435760
F _{3,3,3,0}	-26.271075193040	-26.126734382754
F _{4,1,1,0}	-0.078500957675	-0.078471308104
F _{4,2,1,0}	0.006568874564	0.006387752610
F _{4,2,2,0}	-0.003764168409	-0.002091498455
F _{4,3,1,0}	-0.019565186743	-0.020150103390
F _{4,3,2,0}	0.034019374932	0.034081300654
F _{4,3,3,0}	-0.492064502796	-0.488056662720
F _{4,4,1,0}	0.056690843283	0.058655786043
F _{4,4,2,0}	-0.029912319091	-0.028977782553
F _{4,4,3,0}	0.346050695098	0.344829104093
F _{4,4,4,0}	-41.409765615612	-41.470143179387
F _{5,1,1,0}	0.175695530692	0.167583333681
F _{5,2,1,0}	-0.289071536383	-0.290487996331
F _{5,2,2,0}	-0.012505889227	-0.015965057918
F _{5,3,1,0}	-0.012073255277	-0.010426526840
F _{5,3,2,0}	0.325942788685	0.325523897829
F _{5,3,3,0}	0.262531989955	0.261415533249
F _{5,4,1,0}	-0.003705902451	-0.003654140878
F _{5,4,2,0}	-0.006290979917	-0.006661420179
F _{5,4,3,0}	0.187841622845	0.188155834514
F _{5,4,4,0}	-0.035325525279	-0.035831712810
F _{5,5,1,0}	-0.295543762464	-0.298499239583
F _{5,5,2,0}	-0.432754107948	-0.431474843941
F _{5,5,3,0}	-0.542436952987	-0.538330042153
F _{5,5,4,0}	-0.090704435968	-0.088379711885
F _{5,5,5,0}	0.074400048344	0.060697040744
F _{6,1,1,0}	0.460627977278	0.454215611045
F _{6,2,1,0}	0.020582577566	0.021163561690
F _{6,2,2,0}	-0.193869872643	-0.190391775121
F _{6,3,1,0}	-0.682879603650	-0.684975922434
F _{6,3,2,0}	0.275392910832	0.274424856907
F _{6,3,3,0}	1.271146027642	1.263853966488
F _{6,4,1,0}	-0.043455617724	-0.044246637919
F _{6,4,2,0}	0.003435102831	0.002666094723
F _{6,4,3,0}	0.171380873309	0.172621499286
F _{6,4,4,0}	-0.002049984002	-0.001055513987
F _{6,5,1,0}	0.010429392016	0.007983040489
F _{6,5,2,0}	-0.113256750256	-0.110722884497
F _{6,5,3,0}	-0.573359492169	-0.567769364130
F _{6,5,4,0}	-0.056378589531	-0.055384016721
F _{6,5,5,0}	0.733763406590	0.726907061924
F _{6,6,1,0}	-0.276637938200	-0.283756353595

F _{6,6,2,0}	-0.042755361713	-0.039076381402
F _{6,6,3,0}	-3.654883299197	-3.646174086014
F _{6,6,4,0}	-0.017714078421	-0.018515116599
F _{6,6,5,0}	0.295491248150	0.285959692166
F _{6,6,6,0}	1.895771902256	1.874930379192
F _{7,1,1,0}	0.021750986460	0.021522847413
F _{7,2,1,0}	0.011937326077	0.011863020819
F _{7,2,2,0}	0.037169470492	0.037129015891
F _{7,3,1,0}	0.039872497328	0.040729851330
F _{7,3,2,0}	-0.067929038339	-0.068819491514
F _{7,3,3,0}	-0.572535428412	-0.576243792352
F _{7,4,1,0}	-0.023409614173	-0.023088006158
F _{7,4,2,0}	0.002959047796	0.004801978755
F _{7,4,3,0}	-0.254339445786	-0.255817280899
F _{7,4,4,0}	0.050046299718	0.043017755370
F _{7,5,1,0}	0.015949998985	0.015451781260
F _{7,5,2,0}	0.031615463550	0.032475521806
F _{7,5,3,0}	-0.103684566140	-0.102346613731
F _{7,5,4,0}	0.029476360248	0.029792878434
F _{7,5,5,0}	-0.054382488139	-0.055635223219
F _{7,6,1,0}	-0.013453923449	-0.014111422376
F _{7,6,2,0}	0.014485651112	0.015330934358
F _{7,6,3,0}	-0.041495260104	-0.040915521358
F _{7,6,4,0}	0.046334562237	0.047089805878
F _{7,6,5,0}	-0.036422147869	-0.037684837406
F _{7,6,6,0}	-0.099783549901	-0.101167353119
F _{7,7,1,0}	-0.031163813842	-0.030428405362
F _{7,7,2,0}	-0.036342127996	-0.035665530454
F _{7,7,3,0}	-0.602166208203	-0.606309514418
F _{7,7,4,0}	-0.044227222454	-0.045214535728
F _{7,7,5,0}	0.043971188771	0.044084214014
F _{7,7,6,0}	0.021492588717	0.020314812989
F _{7,7,7,0}	-0.740340686854	-0.740316149133
F _{8,1,1,0}	0.024066021670	0.023787580570
F _{8,2,1,0}	-0.038679986018	-0.040336762805
F _{8,2,2,0}	-0.302278325272	-0.297864836327
F _{8,3,1,0}	0.013152834454	0.015896279478
F _{8,3,2,0}	0.516998157292	0.517758992601
F _{8,3,3,0}	-1.698210123529	-1.700365644177
F _{8,4,1,0}	-0.010504659005	-0.009761596283
F _{8,4,2,0}	-0.020876145188	-0.022361677617
F _{8,4,3,0}	0.239250684290	0.238563148657
F _{8,4,4,0}	-0.030557760238	-0.031151565365
F _{8,5,1,0}	-0.091312997672	-0.093987144752
F _{8,5,2,0}	-0.152898607727	-0.155489725125
F _{8,5,3,0}	-0.433364125753	-0.434388231317
F _{8,5,4,0}	-0.081253666590	-0.080101704496
F _{8,5,5,0}	0.109058959551	0.107094972852
F _{8,6,1,0}	0.073529774646	0.073778185883
F _{8,6,2,0}	-0.099170530281	-0.101772624190
F _{8,6,3,0}	1.443142688561	1.439352512408
F _{8,6,4,0}	0.012751380493	0.014278455119

F _{8,6,5,0}	0.376598317732	0.378479275978
F _{8,6,6,0}	-1.488440420968	-1.484657205099
F _{8,7,1,0}	0.007915780536	0.007860456728
F _{8,7,2,0}	0.072337243991	0.073121661103
F _{8,7,3,0}	-0.041307694918	-0.042769504658
F _{8,7,4,0}	-0.027471539024	-0.029503377340
F _{8,7,5,0}	-0.054873646938	-0.056754466486
F _{8,7,6,0}	-0.024082158092	-0.025707189510
F _{8,7,7,0}	0.063794207549	0.060507989316
F _{8,8,1,0}	0.078983903357	0.084127461168
F _{8,8,2,0}	-0.305216038447	-0.311157606478
F _{8,8,3,0}	-4.354170716913	-4.351940949808
F _{8,8,4,0}	0.030770129405	0.028303027885
F _{8,8,5,0}	0.357238074212	0.357195030321
F _{8,8,6,0}	1.384722835366	1.377606608051
F _{8,8,7,0}	0.002887583948	-0.001476216408
F _{8,8,8,0}	-4.282925235423	-4.259327641268
F _{9,1,1,0}	0.013830046437	0.015014408026
F _{9,2,1,0}	-0.012333665383	-0.012573920834
F _{9,2,2,0}	-0.033007247075	-0.033433840491
F _{9,3,1,0}	-0.073118209917	-0.073688064608
F _{9,3,2,0}	0.064881502036	0.065340956495
F _{9,3,3,0}	0.135679820731	0.134612553706
F _{9,4,1,0}	0.025954511670	0.026916867565
F _{9,4,2,0}	0.008684514047	0.008601222947
F _{9,4,3,0}	-0.085840963226	-0.087045116649
F _{9,4,4,0}	0.004630750708	0.004833728648
F _{9,5,1,0}	-0.010212329044	-0.010240640298
F _{9,5,2,0}	0.011389767505	0.010063895142
F _{9,5,3,0}	0.006539424967	0.005779440708
F _{9,5,4,0}	-0.004865371063	-0.005425882309
F _{9,5,5,0}	-0.046752590464	-0.045059485393
F _{9,6,1,0}	0.005730400615	0.005196612740
F _{9,6,2,0}	-0.012640877012	-0.012555498680
F _{9,6,3,0}	-0.081544877931	-0.082343700811
F _{9,6,4,0}	-0.071419920506	-0.071267509829
F _{9,6,5,0}	0.065089678949	0.067073733824
F _{9,6,6,0}	-0.125616679429	-0.121351022056
F _{9,7,1,0}	-0.008602416687	-0.008858462379
F _{9,7,2,0}	0.008702039187	0.008837955141
F _{9,7,3,0}	0.073704243522	0.073614906953
F _{9,7,4,0}	-0.068971441195	-0.070389040727
F _{9,7,5,0}	0.003758013018	0.002961715028
F _{9,7,6,0}	-0.097624428568	-0.099016614025
F _{9,7,7,0}	0.006807850120	0.005588582773
F _{9,8,1,0}	0.005603025745	0.005808358518
F _{9,8,2,0}	-0.034541794466	-0.035394887800
F _{9,8,3,0}	-0.061326151339	-0.063141874524
F _{9,8,4,0}	0.086917646603	0.085751659960
F _{9,8,5,0}	-0.046566136638	-0.046467899587
F _{9,8,6,0}	0.098980802032	0.091316997156
F _{9,8,7,0}	0.088997339138	0.087613121951

F _{9,8,8,0}	0.140941165326	0.144399516378
F _{9,9,1,0}	0.010219581855	0.010775778544
F _{9,9,2,0}	-0.043831088618	-0.043482782796
F _{9,9,3,0}	-0.065681998478	-0.066107448902
F _{9,9,4,0}	0.027851795820	0.028226768300
F _{9,9,5,0}	0.044407283472	0.043628714002
F _{9,9,6,0}	-0.025483192793	-0.031026746695
F _{9,9,7,0}	-0.026564113006	-0.026981172770
F _{9,9,8,0}	0.139149249682	0.138160889679
F _{9,9,9,0}	-0.005958376620	-0.006348611258
F _{10,10,1,0}	-0.808059771476	-0.800357748394
F _{10,10,2,0}	-0.753740421829	-0.743262281784
F _{10,10,3,0}	-22.616649540470	-22.502634847600
F _{10,10,4,0}	-0.515285333481	-0.512682296351
F _{10,10,5,0}	0.231145998425	0.231369902778
F _{10,10,6,0}	-0.559558112103	-0.561973098200
F _{10,10,7,0}	-0.874879074026	-0.877127210830
F _{10,10,8,0}	0.676403746435	0.669584473348
F _{10,10,9,0}	-0.078178780646	-0.077396943996
F _{11,10,1,0}	-0.019778319587	-0.020034707613
F _{11,10,2,0}	0.038016656580	0.038960557532
F _{11,10,3,0}	-0.306613719818	-0.305499188885
F _{11,10,4,0}	0.198120570109	0.196211523970
F _{11,10,5,0}	0.116167061744	0.116073601862
F _{11,10,6,0}	0.093910351576	0.095398613239
F _{11,10,7,0}	-0.206609059880	-0.207425543151
F _{11,10,8,0}	0.247279365933	0.247010493992
F _{11,10,9,0}	-0.048100941620	-0.048341607456
F _{11,11,1,0}	0.052641145440	0.054539522988
F _{11,11,2,0}	-0.030335357109	-0.029395704095
F _{11,11,3,0}	0.293417724887	0.293087385695
F _{11,11,4,0}	-41.391924424992	-41.452065722990
F _{11,11,5,0}	-0.025050163716	-0.025303710230
F _{11,11,6,0}	0.004444189394	0.004289082031
F _{11,11,7,0}	0.027694437383	0.020643496150
F _{11,11,8,0}	-0.010063933556	-0.010572708700
F _{11,11,9,0}	0.004721490563	0.004666667796
F _{12,10,1,0}	-0.336974294349	-0.340422843262
F _{12,10,2,0}	0.229891971863	0.230535489752
F _{12,10,3,0}	-0.517935777387	-0.522024459955
F _{12,10,4,0}	0.172430309016	0.172522574042
F _{12,10,5,0}	-0.710571283638	-0.710132808678
F _{12,10,6,0}	-1.144852214115	-1.148682488612
F _{12,10,7,0}	-0.055376263293	-0.054932793576
F _{12,10,8,0}	-0.378124719462	-0.377019728261
F _{12,10,9,0}	-0.014116448055	-0.014032473597
F _{12,11,1,0}	-0.061037177920	-0.061600985984
F _{12,11,2,0}	0.003638484021	0.003440444399
F _{12,11,3,0}	0.158234237690	0.158927235851
F _{12,11,4,0}	0.042455822457	0.042216168397
F _{12,11,5,0}	-0.040393409376	-0.039877559013
F _{12,11,6,0}	0.014180194194	0.014572438795

F _{12,11,7,0}	0.048124010255	0.048432475392
F _{12,11,8,0}	-0.092591741741	-0.090571705710
F _{12,11,9,0}	-0.048274280764	-0.047901807462
F _{12,12,1,0}	-0.294178596545	-0.296859097566
F _{12,12,2,0}	-0.148260066030	-0.148594263776
F _{12,12,3,0}	-0.744908721773	-0.747874661381
F _{12,12,4,0}	-0.041017548729	-0.039643953961
F _{12,12,5,0}	0.600882770219	0.603286900290
F _{12,12,6,0}	-0.942430133175	-0.944031805418
F _{12,12,7,0}	-0.047077735292	-0.048812410807
F _{12,12,8,0}	0.739844752700	0.739900779184
F _{12,12,9,0}	0.015180749668	0.015188208365
F _{13,10,1,0}	0.041635043576	0.041467570895
F _{13,10,2,0}	-0.053727197967	-0.053881953138
F _{13,10,3,0}	-0.648396420641	-0.652743267289
F _{13,10,4,0}	-0.227160597697	-0.227900642236
F _{13,10,5,0}	-0.050548643034	-0.048732276208
F _{13,10,6,0}	-0.093262923945	-0.093746988780
F _{13,10,7,0}	-0.686237397114	-0.688906727913
F _{13,10,8,0}	-0.041689600944	-0.040007073192
F _{13,10,9,0}	0.015368089679	0.015563507252
F _{13,11,1,0}	-0.020035083781	-0.020071786754
F _{13,11,2,0}	0.000525526222	0.002281454489
F _{13,11,3,0}	-0.190890618227	-0.191353980774
F _{13,11,4,0}	0.009501038100	0.002357280003
F _{13,11,5,0}	0.010001790336	0.010256749559
F _{13,11,6,0}	0.052032509560	0.053039306499
F _{13,11,7,0}	-0.012269337457	-0.012279988233
F _{13,11,8,0}	0.020334309192	0.020497845967
F _{13,11,9,0}	-0.032201237309	-0.033113077090
F _{13,12,1,0}	0.016189338169	0.015580094777
F _{13,12,2,0}	0.037706926948	0.038504761340
F _{13,12,3,0}	-0.089603512893	-0.089641788405
F _{13,12,4,0}	0.055680980513	0.055675267285
F _{13,12,5,0}	-0.071255245801	-0.071965613544
F _{13,12,6,0}	-0.026971932387	-0.027802023506
F _{13,12,7,0}	0.015100550090	0.013952115921
F _{13,12,8,0}	-0.054682662285	-0.054469585312
F _{13,12,9,0}	0.005223579815	0.005830634713
F _{13,13,1,0}	-0.034494853937	-0.034402920773
F _{13,13,2,0}	-0.039488384767	-0.038818338093
F _{13,13,3,0}	-0.564121097267	-0.566807689504
F _{13,13,4,0}	-0.060128683654	-0.059342812814
F _{13,13,5,0}	0.055761442463	0.056081979041
F _{13,13,6,0}	0.028540709512	0.026737076841
F _{13,13,7,0}	-0.680756099037	-0.678518338680
F _{13,13,8,0}	0.183613811306	0.183560363328
F _{13,13,9,0}	0.045918215875	0.045827153042
F _{14,10,1,0}	-0.037036143258	-0.037204776608
F _{14,10,2,0}	0.345874561982	0.346571521485
F _{14,10,3,0}	0.589592656161	0.591333322434
F _{14,10,4,0}	0.104266018693	0.104022967004

F _{14,10,5,0}	-0.238497888003	-0.239950117127
F _{14,10,6,0}	-0.243332637974	-0.245727660273
F _{14,10,7,0}	-0.014798215923	-0.013519318138
F _{14,10,8,0}	-0.712137378550	-0.711792304471
F _{14,10,9,0}	-0.090572772092	-0.091782775447
F _{14,11,1,0}	0.007724380050	0.007943743528
F _{14,11,2,0}	0.009753699037	0.008335074947
F _{14,11,3,0}	0.105971277821	0.105952452176
F _{14,11,4,0}	-0.058685951053	-0.058673028721
F _{14,11,5,0}	-0.025934199818	-0.025636964436
F _{14,11,6,0}	-0.020501484534	-0.019904256323
F _{14,11,7,0}	-0.025811396296	-0.026343849719
F _{14,11,8,0}	-0.052205463417	-0.050271133686
F _{14,11,9,0}	0.014630070468	0.014890406110
F _{14,12,1,0}	-0.057178272879	-0.058564357404
F _{14,12,2,0}	-0.139675547252	-0.140127936303
F _{14,12,3,0}	-0.181183490071	-0.182519068683
F _{14,12,4,0}	-0.023037935210	-0.021549230062
F _{14,12,5,0}	0.231681465736	0.234393736273
F _{14,12,6,0}	-0.006083251659	-0.006085234822
F _{14,12,7,0}	0.007631463745	0.007183758750
F _{14,12,8,0}	-0.066103382257	-0.065230611249
F _{14,12,9,0}	0.001939862114	0.001353333046
F _{14,13,1,0}	-0.010249326081	-0.010265426732
F _{14,13,2,0}	0.052585850781	0.053667140905
F _{14,13,3,0}	-0.024290252824	-0.023635632432
F _{14,13,4,0}	-0.025413730878	-0.026050276041
F _{14,13,5,0}	0.022986949590	0.021984580792
F _{14,13,6,0}	-0.004306784230	-0.004865325304
F _{14,13,7,0}	0.075714307929	0.075547257089
F _{14,13,8,0}	-0.008160972870	-0.008477611725
F _{14,13,9,0}	0.005239482540	0.005431308454
F _{14,14,1,0}	0.018243284325	0.018866277371
F _{14,14,2,0}	-0.229092972795	-0.227084740072
F _{14,14,3,0}	-0.624455297177	-0.625302133030
F _{14,14,4,0}	-0.082155002610	-0.080320984039
F _{14,14,5,0}	-0.031515952538	-0.030304979068
F _{14,14,6,0}	0.162719380587	0.162714549816
F _{14,14,7,0}	-0.045728933988	-0.046194672783
F _{14,14,8,0}	0.631224186017	0.632534372448
F _{14,14,9,0}	0.037923833156	0.037329397744
F _{15,10,1,0}	-0.097889144899	-0.098181325090
F _{15,10,2,0}	0.018679336418	0.019527263370
F _{15,10,3,0}	0.156735607885	0.157463191007
F _{15,10,4,0}	-0.066790132277	-0.066983820800
F _{15,10,5,0}	0.092400863419	0.092725533724
F _{15,10,6,0}	-0.199838615836	-0.196775751617
F _{15,10,7,0}	0.026193391796	0.026715155872
F _{15,10,8,0}	0.070813070965	0.068308361432
F _{15,10,9,0}	-0.181810378515	-0.182329317321
F _{15,11,1,0}	0.031911226276	0.032473010904
F _{15,11,2,0}	0.006104057089	0.005874779783

F _{15,11,3,0}	-0.074929729658	-0.076278482954
F _{15,11,4,0}	-0.012949221386	-0.012941134332
F _{15,11,5,0}	0.002588462208	0.002402200391
F _{15,11,6,0}	-0.090596154374	-0.090437337675
F _{15,11,7,0}	-0.045661044623	-0.047091552069
F _{15,11,8,0}	0.152008684143	0.152188192683
F _{15,11,9,0}	0.041384419321	0.042094338428
F _{15,12,1,0}	0.023906729143	0.023989119420
F _{15,12,2,0}	0.025732865184	0.025599173227
F _{15,12,3,0}	-0.094001544080	-0.094971487829
F _{15,12,4,0}	-0.037427832711	-0.037201334027
F _{15,12,5,0}	-0.022438269820	-0.021601207798
F _{15,12,6,0}	0.108131809246	0.111051533452
F _{15,12,7,0}	-0.029080181509	-0.028089740099
F _{15,12,8,0}	-0.133865018575	-0.137513108206
F _{15,12,9,0}	0.037532603468	0.035549135844
F _{15,13,1,0}	-0.007366420759	-0.007392142329
F _{15,13,2,0}	-0.002588782477	-0.002695712319
F _{15,13,3,0}	0.078267461448	0.078647626326
F _{15,13,4,0}	-0.052304447111	-0.052961138237
F _{15,13,5,0}	0.016951594530	0.016330528997
F _{15,13,6,0}	-0.112915788975	-0.113743773926
F _{15,13,7,0}	0.024303645946	0.024447151459
F _{15,13,8,0}	0.162375704148	0.163684579832
F _{15,13,9,0}	-0.017149879003	-0.016421507005
F _{15,14,1,0}	0.004109609179	0.003836311703
F _{15,14,2,0}	0.016573726833	0.017150940536
F _{15,14,3,0}	-0.071176178189	-0.071616238683
F _{15,14,4,0}	0.010416833576	0.011018156739
F _{15,14,5,0}	-0.042988656744	-0.042615676233
F _{15,14,6,0}	0.039353415857	0.038939090045
F _{15,14,7,0}	0.005143464076	0.005503164916
F _{15,14,8,0}	0.054615125972	0.053477058499
F _{15,14,9,0}	0.063208054326	0.062581395256
F _{15,15,1,0}	-0.004621143022	-0.004270780213
F _{15,15,2,0}	-0.045371871541	-0.045043325137
F _{15,15,3,0}	0.005165471897	0.005338248258
F _{15,15,4,0}	0.017077767835	0.018426549775
F _{15,15,5,0}	0.060275205592	0.059933405002
F _{15,15,6,0}	-0.061194753669	-0.066419195714
F _{15,15,7,0}	0.042190398920	0.042264046968
F _{15,15,8,0}	0.262221354185	0.264565697256
F _{15,15,9,0}	0.005152689204	0.005538568538
F _{1,1,1,1}	156.939416768687	157.177960505033
F _{2,1,1,1}	-0.854547730711	-0.905207458203
F _{2,2,1,1}	0.013360304285	0.004724351365
F _{2,2,2,1}	-0.908665673505	-0.932885242246
F _{2,2,2,2}	163.835606242061	163.916633091521
F _{3,1,1,1}	-2.043109724824	-1.998130455896
F _{3,2,1,1}	-0.080784667501	-0.068069205009
F _{3,2,2,1}	-0.111526339481	-0.095803553448
F _{3,2,2,2}	-1.718966033611	-1.709560350696

F _{3,3,1,1}	-0.504640714053	-0.516067587661
F _{3,3,2,1}	0.008449010775	0.043699888089
F _{3,3,2,2}	-0.395518452866	-0.393401454111
F _{3,3,3,1}	2.688497580756	2.675027224990
F _{3,3,3,2}	2.272035516115	2.257307516993
F _{3,3,3,3}	94.974455283432	94.362999624223
F _{4,1,1,1}	-0.193665155425	-0.170627856322
F _{4,2,1,1}	-0.004150666313	0.020449240556
F _{4,2,2,1}	-0.023198677878	-0.002943688922
F _{4,2,2,2}	0.043243583419	0.072255299422
F _{4,3,1,1}	0.216669256366	0.214098484549
F _{4,3,2,1}	-0.046650006136	-0.010027571203
F _{4,3,2,2}	-0.104412334715	-0.085707215977
F _{4,3,3,1}	0.022193207692	0.060983636943
F _{4,3,3,2}	0.023004743677	0.048252398597
F _{4,3,3,3}	1.880991225775	1.866781346408
F _{4,4,1,1}	0.153650391918	0.173330689848
F _{4,4,2,1}	0.003316883940	-0.005428992781
F _{4,4,2,2}	0.050025109767	0.055747545226
F _{4,4,3,1}	-0.222439988247	-0.168599985438
F _{4,4,3,2}	0.033018940146	0.024209366734
F _{4,4,3,3}	-0.834397159175	-0.833932040346
F _{4,4,4,1}	-0.045262727487	-0.026332088587
F _{4,4,4,2}	-0.031745208345	-0.059945505991
F _{4,4,4,3}	-0.235121676304	-0.228854501629
F _{4,4,4,4}	182.596846694293	182.121064896824
F _{5,1,1,1}	-0.766789001659	-0.805204707844
F _{5,2,1,1}	0.116487060737	0.114956651216
F _{5,2,2,1}	0.009545103303	0.021011304200
F _{5,2,2,2}	0.161164374322	0.118876169281
F _{5,3,1,1}	-0.089797427628	-0.031415971240
F _{5,3,2,1}	-0.009591591039	0.041854210552
F _{5,3,2,2}	0.080310053111	0.141730916912
F _{5,3,3,1}	0.114778559064	0.099936386644
F _{5,3,3,2}	-0.529761884195	-0.513902869341
F _{5,3,3,3}	0.381739429514	0.448441566073
F _{5,4,1,1}	0.033779171518	0.056539381320
F _{5,4,2,1}	-0.008283645960	-0.018311217078
F _{5,4,2,2}	0.068807156872	0.089026218530
F _{5,4,3,1}	0.017003273573	0.019183179722
F _{5,4,3,2}	-0.067577111084	-0.002179906831
F _{5,4,3,3}	-0.402002893520	-0.392546338698
F _{5,4,4,1}	-0.029170033849	-0.043812913117
F _{5,4,4,2}	-0.060396784074	-0.066461412802
F _{5,4,4,3}	0.103977578298	0.100823408237
F _{5,4,4,4}	0.202235531300	0.209649468098
F _{5,5,1,1}	-0.445039426665	-0.460814918868
F _{5,5,2,1}	0.518621951006	0.499312873195
F _{5,5,2,2}	-0.776062270068	-0.819553992560
F _{5,5,3,1}	0.046373656278	0.065634118872
F _{5,5,3,2}	0.456394197870	0.464226671388
F _{5,5,3,3}	0.276479933569	0.254274148227

F _{5,5,4,1}	-0.048062074704	0.007270731137
F _{5,5,4,2}	0.005316355515	0.018605663592
F _{5,5,4,3}	0.238094631276	0.275933099330
F _{5,5,4,4}	-0.206554608903	-0.210995543767
F _{5,5,5,1}	0.321814270756	0.307757265189
F _{5,5,5,2}	-0.297544274492	-0.328300071205
F _{5,5,5,3}	-0.415290778472	-0.363890183850
F _{5,5,5,4}	-0.058509449522	-0.038494263496
F _{5,5,5,5}	0.075809974786	0.075248814438
F _{6,1,1,1}	-0.925434598869	-0.875598163022
F _{6,2,1,1}	0.047813559690	0.023945694222
F _{6,2,2,1}	-0.127581367511	-0.092060503745
F _{6,2,2,2}	0.693441132017	0.648097953181
F _{6,3,1,1}	-0.782031523729	-0.805427718030
F _{6,3,2,1}	0.004359813613	-0.030518695403
F _{6,3,2,2}	0.278424633910	0.239582244038
F _{6,3,3,1}	2.035932559643	2.018587565048
F _{6,3,3,2}	-0.298679515683	-0.349902108347
F _{6,3,3,3}	-5.326292131635	-5.343199978555
F _{6,4,1,1}	0.129297337565	0.087321025633
F _{6,4,2,1}	-0.004795795076	-0.010027571242
F _{6,4,2,2}	0.004531926933	0.052243208883
F _{6,4,3,1}	0.196627595670	0.082400477795
F _{6,4,3,2}	0.014387384866	-0.000871962945
F _{6,4,3,3}	-0.324970329559	-0.325740181087
F _{6,4,4,1}	-0.013927252841	-0.025940819618
F _{6,4,4,2}	0.001823758994	-0.026428841891
F _{6,4,4,3}	-0.012561789473	-0.023401714684
F _{6,4,4,4}	0.097150956571	0.131104029960
F _{6,5,1,1}	0.043460085083	0.022112317150
F _{6,5,2,1}	-0.146053757638	-0.107687397025
F _{6,5,2,2}	-0.370846771284	-0.362497996967
F _{6,5,3,1}	-0.107251415133	-0.098967768420
F _{6,5,3,2}	0.319574341946	0.358376682882
F _{6,5,3,3}	0.633753926850	0.635724963168
F _{6,5,4,1}	-0.008283646351	0.027466825831
F _{6,5,4,2}	-0.085888328702	-0.029646732896
F _{6,5,4,3}	0.269872464521	0.190087876256
F _{6,5,4,4}	-0.235269026882	-0.210377837098
F _{6,5,5,1}	0.141680722020	0.113523391274
F _{6,5,5,2}	-0.398880491764	-0.436301150695
F _{6,5,5,3}	-0.613518494872	-0.658090934635
F _{6,5,5,4}	-0.142306595473	-0.084032106712
F _{6,5,5,5}	-0.000718393614	-0.011094366107
F _{6,6,1,1}	-1.252906571287	-1.227696713856
F _{6,6,2,1}	-0.046808514537	-0.054856814407
F _{6,6,2,2}	-0.143718092718	-0.155577431474
F _{6,6,3,1}	1.061089151461	1.031569517456
F _{6,6,3,2}	-0.147103657916	-0.128508677892
F _{6,6,3,3}	7.467967491478	7.363569053932
F _{6,6,4,1}	0.094740512925	0.115394110886
F _{6,6,4,2}	0.000084582251	0.000468839512

F _{6,6,4,3}	-0.107551402810	-0.089444198851
F _{6,6,4,4}	-0.200478721574	-0.166006683999
F _{6,6,5,1}	-0.026030963817	-0.050240513049
F _{6,6,5,2}	-0.063336564859	-0.080313166605
F _{6,6,5,3}	-0.139075782067	-0.121352703871
F _{6,6,5,4}	-0.007825906935	-0.010975451819
F _{6,6,5,5}	0.055767398390	0.044984861867
F _{6,6,6,1}	0.238945052650	0.232300801717
F _{6,6,6,2}	0.199966491319	0.183763733929
F _{6,6,6,3}	-5.743709120831	-5.712237095744
F _{6,6,6,4}	-0.144692127283	-0.138698126477
F _{6,6,6,5}	-0.676855171020	-0.705176723602
F _{6,6,6,6}	12.767172385577	12.581054251814
F _{7,1,1,1}	-0.147188704168	-0.152963094627
F _{7,2,1,1}	-0.070821808243	-0.032767706345
F _{7,2,2,1}	0.047164475382	0.028098624222
F _{7,2,2,2}	-0.372264480314	-0.346514444487
F _{7,3,1,1}	-0.082541852553	-0.042438359774
F _{7,3,2,1}	-0.049701876023	-0.017875235738
F _{7,3,2,2}	0.106101123100	0.126373625295
F _{7,3,3,1}	-0.035946054155	-0.019037150814
F _{7,3,3,2}	-0.054279433841	-0.029479157453
F _{7,3,3,3}	0.273819573486	0.344018920002
F _{7,4,1,1}	0.109213149529	0.132171741826
F _{7,4,2,1}	0.073244868936	-0.008719627558
F _{7,4,2,2}	0.014692381969	-0.000266923867
F _{7,4,3,1}	-0.057113557656	0.019183180161
F _{7,4,3,2}	-0.058421503449	-0.026594862773
F _{7,4,3,3}	0.366467065117	0.366804482750
F _{7,4,4,1}	-0.096485178917	-0.133588155492
F _{7,4,4,2}	-0.076601734006	-0.048662383455
F _{7,4,4,3}	-0.208503265222	-0.195106574895
F _{7,4,4,4}	-0.556600809868	-0.555544739846
F _{7,5,1,1}	0.077387982126	0.017124421161
F _{7,5,2,1}	0.045778044027	-0.021799065768
F _{7,5,2,2}	0.072554867763	0.076766642200
F _{7,5,3,1}	0.000871961346	-0.017439263180
F _{7,5,3,2}	-0.128178524420	-0.072808887186
F _{7,5,3,3}	0.352629361207	0.372785426060
F _{7,5,4,1}	0.009591589518	0.003487850207
F _{7,5,4,2}	0.047521969103	0.005667760377
F _{7,5,4,3}	-0.101147672531	-0.127742542388
F _{7,5,4,4}	0.082519947621	0.079357601128
F _{7,5,5,1}	-0.041426931857	-0.045893637014
F _{7,5,5,2}	0.033265643632	0.083925822436
F _{7,5,5,3}	0.008839839001	0.031653562486
F _{7,5,5,4}	-0.061093666214	-0.107941869511
F _{7,5,5,5}	0.098455845834	0.061581980089
F _{7,6,1,1}	-0.130889883218	-0.118939026775
F _{7,6,2,1}	-0.027030843701	-0.007847665048
F _{7,6,2,2}	-0.014545139086	0.025657319943
F _{7,6,3,1}	0.070628979927	-0.033134583903

F7,6,3,2	-0.069321037079	-0.006103737881
F7,6,3,3	0.318445020618	0.301247305876
F7,6,4,1	0.085888330270	0.071936923920
F7,6,4,2	0.052753746631	0.018311217302
F7,6,4,3	-0.090684125929	-0.104199548388
F7,6,4,4	-0.114596596194	-0.088794019129
F7,6,5,1	-0.054933652473	-0.054933646416
F7,6,5,2	0.010463545842	0.061037404687
F7,6,5,3	0.015259363988	0.062345355345
F7,6,5,4	-0.064961219654	-0.102891597238
F7,6,5,5	0.028305606075	0.051816176676
F7,6,6,1	-0.017659751960	-0.016446178770
F7,6,6,2	-0.034149552696	-0.013335396870
F7,6,6,3	0.275062578800	0.274806581367
F7,6,6,4	-0.153123055126	-0.132605951361
F7,6,6,5	0.097717181169	0.107808537581
F7,6,6,6	0.177210039290	0.167525580546
F7,7,1,1	-0.089761796852	-0.093209272154
F7,7,2,1	0.024792085741	0.030246748064
F7,7,2,2	-0.127314799889	-0.139118832288
F7,7,3,1	0.071536008012	0.138779335895
F7,7,3,2	0.142537444157	0.181660924743
F7,7,3,3	0.663196653066	0.656899662436
F7,7,4,1	-0.110394953520	-0.050926552402
F7,7,4,2	0.009152990348	-0.004713110281
F7,7,4,3	0.106054559098	0.064370026289
F7,7,4,4	-0.252747763878	-0.277272394419
F7,7,5,1	0.026336613245	0.031923303472
F7,7,5,2	0.063969986062	0.062240280516
F7,7,5,3	-0.132199721860	-0.142279816550
F7,7,5,4	-0.061439155236	-0.039974437230
F7,7,5,5	0.132894128514	0.105756609082
F7,7,6,1	-0.021750004924	-0.012437847762
F7,7,6,2	0.025640793030	0.042381480301
F7,7,6,3	0.127550167256	0.095683482977
F7,7,6,4	-0.125814042169	-0.129224689756
F7,7,6,5	0.144258976279	0.175428307221
F7,7,6,6	0.169124044285	0.176813381445
F7,7,7,1	0.185451032397	0.170000636992
F7,7,7,2	-0.057682837902	-0.053141183763
F7,7,7,3	0.873617304181	0.914113798521
F7,7,7,4	0.054898283872	0.033452010398
F7,7,7,5	0.063183528480	0.068839027544
F7,7,7,6	0.271494502757	0.237901445639
F7,7,7,7	-0.062330880441	-0.099204275316
F8,1,1,1	-0.122555564744	-0.106174519080
F8,2,1,1	0.119602433688	0.106860193825
F8,2,2,1	-0.000126877100	0.019364694458
F8,2,2,2	0.877159674496	0.802467204772
F8,3,1,1	-0.074053726901	-0.067734338358
F8,3,2,1	0.009591590297	0.064089260854
F8,3,2,2	0.421619715656	0.374824118760

F _{8,3,3,1}	-0.398140493839	-0.359914181379
F _{8,3,3,2}	-1.413557179150	-1.459882440424
F _{8,3,3,3}	7.265574113310	7.258476239907
F _{8,4,1,1}	-0.032365003438	-0.016971711509
F _{8,4,2,1}	-0.028774770151	0.014823366322
F _{8,4,2,2}	0.079445532596	0.062302157438
F _{8,4,3,1}	0.013079441286	0.027030844692
F _{8,4,3,2}	0.062781316466	0.047521968919
F _{8,4,3,3}	-0.726746295687	-0.755897842351
F _{8,4,4,1}	0.026281136606	0.032219914340
F _{8,4,4,2}	-0.038048427023	-0.066984264867
F _{8,4,4,3}	0.192019471002	0.191961078130
F _{8,4,4,4}	0.132113336314	0.178352017323
F _{8,5,1,1}	-0.138315886934	-0.119826234715
F _{8,5,2,1}	0.102891603214	0.105943473641
F _{8,5,2,2}	-0.371852419032	-0.399053613864
F _{8,5,3,1}	0.241097692179	0.200551428516
F _{8,5,3,2}	0.381483692273	0.362300515044
F _{8,5,3,3}	0.059744226216	0.054964921979
F _{8,5,4,1}	0.044906080374	-0.004359813789
F _{8,5,4,2}	-0.039674304464	0.012207478386
F _{8,5,4,3}	0.202295353097	0.192267782306
F _{8,5,4,4}	-0.088638929918	-0.083403107129
F _{8,5,5,1}	0.077652197246	0.082694101770
F _{8,5,5,2}	-0.265057697745	-0.289309844054
F _{8,5,5,3}	0.016929362189	0.024594059121
F _{8,5,5,4}	-0.063656007486	-0.049657857602
F _{8,5,5,5}	-0.504779448640	-0.497011593253
F _{8,6,1,1}	0.057825216082	0.043556199281
F _{8,6,2,1}	0.047521970029	0.033134585875
F _{8,6,2,2}	-0.324742198770	-0.353460888896
F _{8,6,3,1}	-0.257229008329	-0.360992570520
F _{8,6,3,2}	0.097223841277	0.176572452732
F _{8,6,3,3}	-3.370233977128	-3.341452937985
F _{8,6,4,1}	-0.043162156228	0.010899535756
F _{8,6,4,2}	-0.018311218385	-0.003051868135
F _{8,6,4,3}	-0.010899531179	0.074116832104
F _{8,6,4,4}	-0.054633060072	-0.072938017645
F _{8,6,5,1}	0.173084599639	0.169596744952
F _{8,6,5,2}	-0.156953293589	-0.143001893011
F _{8,6,5,3}	-0.674027185877	-0.609065967794
F _{8,6,5,4}	0.017003277172	-0.033134586930
F _{8,6,5,5}	0.330176547492	0.311423137745
F _{8,6,6,1}	-0.355140274879	-0.332958074699
F _{8,6,6,2}	0.114968575026	0.057581842847
F _{8,6,6,3}	3.788242906820	3.775628241577
F _{8,6,6,4}	-0.002170179439	0.028420178506
F _{8,6,6,5}	-0.036669945134	-0.041299755070
F _{8,6,6,6}	-5.509199371861	-5.554787462038
F _{8,7,1,1}	-0.003276222737	-0.031869661325
F _{8,7,2,1}	-0.011771496399	0.000435979804
F _{8,7,2,2}	0.132749966893	0.119253943427

F _{8,7,3,1}	-0.019183177159	0.005667755245
F _{8,7,3,2}	-0.109867302579	-0.162621049591
F _{8,7,3,3}	0.271616255421	0.323093913036
F _{8,7,4,1}	0.069757017600	0.040110286548
F _{8,7,4,2}	0.010027571410	-0.019619161380
F _{8,7,4,3}	-0.075424775769	-0.042726175141
F _{8,7,4,4}	-0.098594201959	-0.116923393290
F _{8,7,5,1}	-0.149977579975	-0.011771493431
F _{8,7,5,2}	0.067577117271	0.033570571986
F _{8,7,5,3}	-0.035314534786	-0.015259332534
F _{8,7,5,4}	-0.068013101086	-0.058421507238
F _{8,7,5,5}	0.034392556023	-0.016323811871
F _{8,7,6,1}	-0.064525231143	-0.029210730207
F _{8,7,6,2}	0.025286928463	0.013079449695
F _{8,7,6,3}	0.165672883700	0.130794411715
F _{8,7,6,4}	0.034878501637	0.019619174134
F _{8,7,6,5}	-0.054061727718	-0.021799106700
F _{8,7,6,6}	0.066181839465	0.050892072369
F _{8,7,7,1}	-0.035204692646	-0.018553228565
F _{8,7,7,2}	0.047553402296	0.048463603828
F _{8,7,7,3}	-0.079584455901	-0.018754944369
F _{8,7,7,4}	-0.102072189202	-0.113933965723
F _{8,7,7,5}	0.082664381461	0.066325360009
F _{8,7,7,6}	0.051297976345	0.063536623109
F _{8,7,7,7}	0.476611850500	0.485001795093
F _{8,8,1,1}	0.183847998400	0.124433878373
F _{8,8,2,1}	-0.068981277766	-0.066715511340
F _{8,8,2,2}	-0.860665085455	-0.857571793147
F _{8,8,3,1}	-0.377599537351	-0.340551035664
F _{8,8,3,2}	1.043698474587	1.002900335352
F _{8,8,3,3}	9.587850392670	9.551639839644
F _{8,8,4,1}	-0.054639164363	0.020076125650
F _{8,8,4,2}	0.030478711597	-0.007304088830
F _{8,8,4,3}	-0.333115707067	-0.323877607605
F _{8,8,4,4}	-0.423250125401	-0.445514293355
F _{8,8,5,1}	-0.140930755299	-0.107989345453
F _{8,8,5,2}	-0.164085634882	-0.193817796580
F _{8,8,5,3}	-0.154820928749	-0.171478100145
F _{8,8,5,4}	-0.217645048962	-0.208786419966
F _{8,8,5,5}	-0.423626827018	-0.402533869682
F _{8,8,6,1}	0.030667409182	-0.008700866115
F _{8,8,6,2}	0.112787240140	0.131421331211
F _{8,8,6,3}	-3.767382779409	-3.787091814991
F _{8,8,6,4}	0.228651263200	0.212883658729
F _{8,8,6,5}	0.599622839937	0.608420055561
F _{8,8,6,6}	4.321707034427	4.317720334065
F _{8,8,7,1}	-0.028472046176	-0.018588806153
F _{8,8,7,2}	0.013384882189	0.033003139191
F _{8,8,7,3}	0.463207142978	0.618808360677
F _{8,8,7,4}	-0.564141418444	-0.555981252332
F _{8,8,7,5}	0.010421148405	-0.025227968278
F _{8,8,7,6}	-0.007569468446	-0.005035730276

F _{8,8,7,7}	0.468036971170	0.557003473144
F _{8,8,8,1}	-0.194787832023	-0.200909049803
F _{8,8,8,2}	-0.586218811145	-0.578552992816
F _{8,8,8,3}	12.273002933024	12.472307067795
F _{8,8,8,4}	-1.449964587818	-1.411489192926
F _{8,8,8,5}	0.462592904446	0.460516005392
F _{8,8,8,6}	-6.022082193542	-6.168030411039
F _{8,8,8,7}	1.103131152150	1.324730028083
F _{8,8,8,8}	26.238540145520	27.024672470690
F _{9,1,1,1}	0.040390862402	0.030510811661
F _{9,2,1,1}	0.004918477535	-0.001141595425
F _{9,2,2,1}	0.026457223654	0.000665671216
F _{9,2,2,2}	0.005665628824	-0.003482855057
F _{9,3,1,1}	0.002430735121	-0.001310117392
F _{9,3,2,1}	0.013951403140	0.011335514728
F _{9,3,2,2}	0.058933923474	0.091865329198
F _{9,3,3,1}	0.232041113590	0.242921825643
F _{9,3,3,2}	-0.225678296858	-0.263826601683
F _{9,3,3,3}	-0.715359097663	-0.699724421341
F _{9,4,1,1}	-0.077637977307	-0.050813837132
F _{9,4,2,1}	-0.043598136624	0.017875236099
F _{9,4,2,2}	-0.045450099208	-0.021316588450
F _{9,4,3,1}	-0.093300012224	-0.049265894146
F _{9,4,3,2}	-0.003923832084	-0.010899534403
F _{9,4,3,3}	0.250020715603	0.243560778867
F _{9,4,4,1}	0.068809714171	0.046755134488
F _{9,4,4,2}	0.047968546717	0.007179445712
F _{9,4,4,3}	-0.081776005752	-0.044609296139
F _{9,4,4,4}	-0.073366846828	-0.056414107900
F _{9,5,1,1}	-0.044404007015	-0.013859532099
F _{9,5,2,1}	-0.010027571482	-0.007411684300
F _{9,5,2,2}	0.010654196812	0.006071051028
F _{9,5,3,1}	0.088068235922	0.049701877612
F _{9,5,3,2}	-0.024850936219	-0.015259348051
F _{9,5,3,3}	-0.026715604433	-0.020835204145
F _{9,5,4,1}	-0.020491123995	-0.016131309638
F _{9,5,4,2}	0.008283645758	-0.000871962873
F _{9,5,4,3}	0.024414957845	-0.014823366189
F _{9,5,4,4}	0.017878976859	0.005273785606
F _{9,5,5,1}	-0.008620596893	-0.004067846404
F _{9,5,5,2}	-0.099467920628	-0.080714427325
F _{9,5,5,3}	0.045729912757	0.075871039274
F _{9,5,5,4}	-0.031498688302	-0.025402356686
F _{9,5,5,5}	-0.077305034293	-0.075785157528
F _{9,6,1,1}	-0.006606266039	0.001646019053
F _{9,6,2,1}	0.027466825815	0.022671030798
F _{9,6,2,2}	-0.099432926924	-0.084753029208
F _{9,6,3,1}	0.104199545856	0.100275714002
F _{9,6,3,2}	0.100275714091	0.039238322889
F _{9,6,3,3}	-0.043926262165	-0.029395832704
F _{9,6,4,1}	-0.039238322950	-0.060165427616
F _{9,6,4,2}	0.015259347766	0.018311217529

F _{9,6,4,3}	0.224094422506	0.143873850868
F _{9,6,4,4}	0.144019044146	0.131344247872
F _{9,6,5,1}	0.083272440444	0.052753744240
F _{9,6,5,2}	-0.101583656828	-0.020055147006
F _{9,6,5,3}	-0.180496284995	-0.190087879719
F _{9,6,5,4}	0.061909354551	0.009591587477
F _{9,6,5,5}	0.078198337310	0.057401817690
F _{9,6,6,1}	-0.027903430640	-0.030127075617
F _{9,6,6,2}	0.036608092684	-0.005526322354
F _{9,6,6,3}	0.167156953211	0.229336481573
F _{9,6,6,4}	0.010455174341	-0.017330474631
F _{9,6,6,5}	0.156247076279	0.172790308123
F _{9,6,6,6}	-0.371995357933	-0.414883518300
F _{9,7,1,1}	0.080448039185	0.050170131419
F _{9,7,2,1}	-0.044034117888	-0.005667755160
F _{9,7,2,2}	0.087722757314	0.022317152734
F _{9,7,3,1}	0.001307947190	0.030518697144
F _{9,7,3,2}	-0.059729446721	0.009591589015
F _{9,7,3,3}	-0.273469248620	-0.247443391460
F _{9,7,4,1}	0.049701877021	0.022235047710
F _{9,7,4,2}	-0.025286918459	-0.016567292554
F _{9,7,4,3}	0.146053753017	0.177444416742
F _{9,7,4,4}	-0.064447105546	-0.114655817549
F _{9,7,5,1}	-0.034006543801	-0.008283654466
F _{9,7,5,2}	-0.050137857031	0.007847659351
F _{9,7,5,3}	-0.039674329989	-0.008283634198
F _{9,7,5,4}	-0.067141134132	-0.007847664049
F _{9,7,5,5}	0.007252991315	-0.024270635273
F _{9,7,6,1}	-0.017875235849	0.046214022940
F _{9,7,6,2}	-0.016131311801	-0.021363083533
F _{9,7,6,3}	0.023107012854	-0.068449073911
F _{9,7,6,4}	0.108559355971	0.174392549050
F _{9,7,6,5}	-0.065833171135	-0.047086024368
F _{9,7,6,6}	-0.147408308109	-0.142508737634
F _{9,7,7,1}	-0.079722930688	-0.066450539545
F _{9,7,7,2}	0.033369372270	0.001847991312
F _{9,7,7,3}	-0.049089795064	-0.001310123152
F _{9,7,7,4}	0.089529741816	0.064484552700
F _{9,7,7,5}	0.041197830703	0.008960950744
F _{9,7,7,6}	-0.095646115652	-0.121524948387
F _{9,7,7,7}	0.140277093827	0.119762589322
F _{9,8,1,1}	-0.001942968177	0.003919708566
F _{9,8,2,1}	-0.003051869666	0.021799068382
F _{9,8,2,2}	-0.159195219612	-0.137587387496
F _{9,8,3,1}	-0.034006546445	-0.026594863279
F _{9,8,3,2}	0.230634141941	0.174392545936
F _{9,8,3,3}	-0.035426339517	0.029779631261
F _{9,8,4,1}	-0.009591589703	-0.020491124300
F _{9,8,4,2}	-0.036186453251	0.007411683159
F _{9,8,4,3}	-0.175264510342	-0.234121993101
F _{9,8,4,4}	-0.090335075586	-0.054128094519
F _{9,8,5,1}	-0.019183181509	-0.029646731920

F _{9,8,5,2}	-0.008283646366	0.017875234360
F _{9,8,5,3}	0.004359816444	0.052317762322
F _{9,8,5,4}	-0.058421503555	-0.004359812576
F _{9,8,5,5}	0.014001492836	-0.017007398946
F _{9,8,6,1}	-0.050137858628	-0.017875243538
F _{9,8,6,2}	-0.044034119243	0.008283641546
F _{9,8,6,3}	-0.144745808274	-0.191831799910
F _{9,8,6,4}	0.061473373878	0.091556084745
F _{9,8,6,5}	0.210579002913	0.162621058492
F _{9,8,6,6}	-0.102492730922	-0.082280038085
F _{9,8,7,1}	-0.030518694808	-0.003051866353
F _{9,8,7,2}	-0.065833188697	-0.020491124200
F _{9,8,7,3}	0.040546259918	0.163057036963
F _{9,8,7,4}	-0.034442528162	-0.093300015031
F _{9,8,7,5}	0.058421488290	0.023978976241
F _{9,8,7,6}	-0.032262638734	-0.026158917307
F _{9,8,7,7}	0.052318027575	0.113737188313
F _{9,8,8,1}	-0.059543224598	-0.028881402682
F _{9,8,8,2}	0.026044889460	0.003990538184
F _{9,8,8,3}	-0.059055090711	0.034365615490
F _{9,8,8,4}	-0.339725053720	-0.362577886942
F _{9,8,8,5}	0.009707513173	0.019623816829
F _{9,8,8,6}	-0.166598969786	-0.198008532250
F _{9,8,8,7}	0.373228173986	0.420181401510
F _{9,8,8,8}	1.246625726024	1.557081698639
F _{9,9,1,1}	-0.044983755283	-0.020711619194
F _{9,9,2,1}	0.010840681891	0.026958202211
F _{9,9,2,2}	-0.140749304999	-0.137277153102
F _{9,9,3,1}	-0.045954739379	-0.025847229124
F _{9,9,3,2}	0.094006486580	0.128446280260
F _{9,9,3,3}	0.066989948587	0.040600455984
F _{9,9,4,1}	-0.026636700690	0.011854763054
F _{9,9,4,2}	0.004270003799	0.020698373636
F _{9,9,4,3}	-0.084880371541	-0.082368844029
F _{9,9,4,4}	0.042643156465	0.026180856865
F _{9,9,5,1}	0.050452613308	0.032521214196
F _{9,9,5,2}	0.019225843209	0.029902913931
F _{9,9,5,3}	-0.111023490470	-0.103016570822
F _{9,9,5,4}	0.006374622011	0.027939005352
F _{9,9,5,5}	0.107358077835	0.105956525126
F _{9,9,6,1}	-0.003712833534	-0.054690670167
F _{9,9,6,2}	0.014081057776	0.027333891731
F _{9,9,6,3}	0.181910822602	0.139730054955
F _{9,9,6,4}	0.005229496041	0.005107397333
F _{9,9,6,5}	0.122684141039	0.118925085106
F _{9,9,6,6}	-0.241487110320	-0.230957604031
F _{9,9,7,1}	0.038943110900	-0.002146032723
F _{9,9,7,2}	-0.045061533746	-0.003569409531
F _{9,9,7,3}	0.112080253541	0.102556582446
F _{9,9,7,4}	-0.004789742469	-0.017805836311
F _{9,9,7,5}	-0.020770110558	0.009251853149
F _{9,9,7,6}	0.071554942113	0.081163952299

F _{9,9,7,7}	0.050088686257	0.024041744004
F _{9,9,8,1}	0.037940524132	0.005562769537
F _{9,9,8,2}	0.026925253223	0.025593268957
F _{9,9,8,3}	-0.103949594926	-0.084276716428
F _{9,9,8,4}	-0.032165696787	-0.042482849279
F _{9,9,8,5}	0.060342127616	0.062239589472
F _{9,9,8,6}	-0.081539321164	-0.087387676563
F _{9,9,8,7}	0.192691174128	0.207795524351
F _{9,9,8,8}	0.185952474586	0.314034553213
F _{9,9,9,1}	-0.016258586870	-0.041890221349
F _{9,9,9,2}	-0.012617460342	-0.004889253915
F _{9,9,9,3}	0.071770068668	0.119470503185
F _{9,9,9,4}	-0.072410505020	-0.062377212474
F _{9,9,9,5}	0.010791324472	0.017036671104
F _{9,9,9,6}	-0.184889037902	-0.189579610984
F _{9,9,9,7}	0.135720451342	0.102042020913
F _{9,9,9,8}	-0.015920051180	0.073001123700
F _{9,9,9,9}	-0.140699123713	-0.107714448399
F _{10,10,10,10}	76.477791228573	76.062564746118
F _{10,10,1,1}	-0.945382826202	-0.935561982121
F _{10,10,2,1}	0.090891235322	0.107711445482
F _{10,10,2,2}	-0.535511744687	-0.540131712169
F _{10,10,3,1}	2.549819592707	2.539025012864
F _{10,10,3,2}	2.179962194310	2.136126206591
F _{10,10,3,3}	86.564339174755	86.099985866295
F _{10,10,4,1}	-0.026262256840	0.027475704916
F _{10,10,4,2}	-0.119461864085	-0.069925835951
F _{10,10,4,3}	1.959718562480	1.945541018965
F _{10,10,4,4}	-0.642535569014	-0.656349755117
F _{10,10,5,1}	0.144191223777	0.116031538711
F _{10,10,5,2}	-0.329523779033	-0.362656725748
F _{10,10,5,3}	0.007713031621	0.037618559631
F _{10,10,5,4}	-0.153449004124	-0.192954537213
F _{10,10,5,5}	0.763555095057	0.740804369527
F _{10,10,6,1}	0.883488104462	0.909455302174
F _{10,10,6,2}	-0.359134331079	-0.390310728713
F _{10,10,6,3}	1.189796856396	1.198206040811
F _{10,10,6,4}	-0.363580191719	-0.294574818263
F _{10,10,6,5}	1.136430417481	1.150158848907
F _{10,10,6,6}	0.718770406562	0.677902568886
F _{10,10,7,1}	0.027519723666	0.031333389200
F _{10,10,7,2}	0.011849289572	0.038005568594
F _{10,10,7,3}	0.712255007317	0.781281643154
F _{10,10,7,4}	0.218714231014	0.205697126018
F _{10,10,7,5}	0.242798189777	0.189036867521
F _{10,10,7,6}	0.023896115297	0.057077747561
F _{10,10,7,7}	0.048542078486	0.009779441206
F _{10,10,8,1}	0.105251320140	0.111191521217
F _{10,10,8,2}	-0.646383516429	-0.635674355776
F _{10,10,8,3}	-1.075321799141	-1.050840276533
F _{10,10,8,4}	-0.104115463832	-0.156533828715
F _{10,10,8,5}	-0.408770498278	-0.378597740209

F _{10,10,8,6}	1.796948237315	1.741231595734
F _{10,10,8,7}	0.342850335227	0.290351549242
F _{10,10,8,8}	-1.420271503334	-1.445328573193
F _{10,10,9,1}	0.243166462906	0.259006790831
F _{10,10,9,2}	-0.078421827310	-0.059437188194
F _{10,10,9,3}	-0.170792200560	-0.131977033130
F _{10,10,9,4}	0.219844566936	0.183509521028
F _{10,10,9,5}	-0.404444821951	-0.356690298985
F _{10,10,9,6}	0.218853831899	0.185474083475
F _{10,10,9,7}	-0.184319996984	-0.236123356036
F _{10,10,9,8}	0.262698145378	0.293153787668
F _{10,10,9,9}	0.589800750161	0.608819755631
F _{11,10,10,10}	2.560795046031	2.557373009197
F _{11,10,1,1}	0.172856805473	0.183324959946
F _{11,10,2,1}	-0.022671031002	-0.023542993719
F _{11,10,2,2}	-0.051096977144	-0.001812417268
F _{11,10,3,1}	-0.089376179897	0.009155608670
F _{11,10,3,2}	-0.081964496675	-0.051881782481
F _{11,10,3,3}	1.320190992006	1.330321612454
F _{11,10,4,1}	-0.071064962536	-0.088068235783
F _{11,10,4,2}	0.068449074345	0.020927105544
F _{11,10,4,3}	-0.731140749606	-0.696262240394
F _{11,10,4,4}	-0.240734807129	-0.238648746021
F _{11,10,5,1}	0.070628981172	0.043162155157
F _{11,10,5,2}	-0.042726173796	-0.008719627301
F _{11,10,5,3}	-0.187471987041	-0.214938813095
F _{11,10,5,4}	0.039238322873	0.045342062016
F _{11,10,5,5}	0.188439623326	0.168923510974
F _{11,10,6,1}	0.033570565123	0.109867304057
F _{11,10,6,2}	-0.014823366425	-0.017439254608
F _{11,10,6,3}	-0.281207980622	-0.172212639288
F _{11,10,6,4}	0.124254689117	0.011771496872
F _{11,10,6,5}	0.161313105179	0.114227117713
F _{11,10,6,6}	-0.290577321919	-0.273470999567
F _{11,10,7,1}	0.038366360153	0.003923832314
F _{11,10,7,2}	0.020055142780	-0.057985521567
F _{11,10,7,3}	0.194883670254	0.292543496121
F _{11,10,7,4}	0.015259347829	0.034878509226
F _{11,10,7,5}	-0.088940198496	-0.090684123980
F _{11,10,7,6}	-0.085888328960	-0.125562633249
F _{11,10,7,7}	0.096349107745	0.138039153585
F _{11,10,8,1}	0.070628981182	-0.014823366415
F _{11,10,8,2}	0.050573838377	-0.019183180083
F _{11,10,8,3}	-0.596422507743	-0.540180911617
F _{11,10,8,4}	0.275976204244	0.249381340939
F _{11,10,8,5}	0.075860757565	0.131230390956
F _{11,10,8,6}	0.168288807006	0.132102353684
F _{11,10,8,7}	0.140821980994	0.048393931540
F _{11,10,8,8}	-0.390824908058	-0.370849547129
F _{11,10,9,1}	-0.008719627309	-0.058857484339
F _{11,10,9,2}	-0.057113558861	-0.001743925458
F _{11,10,9,3}	0.167852825671	0.189651893907

F _{11,10,9,4}	0.020927105533	0.071500943899
F _{11,10,9,5}	0.030954676955	0.032262621040
F _{11,10,9,6}	0.014387385056	0.100711695391
F _{11,10,9,7}	0.183984136171	0.171776657850
F _{11,10,9,8}	-0.210578999427	-0.157389272861
F _{11,10,9,9}	-0.139137085044	-0.109542006264
F _{11,11,10,10}	-0.592698121216	-0.583048123495
F _{11,11,1,1}	0.139090668641	0.165459647442
F _{11,11,11,10}	-0.191046668175	-0.180153983507
F _{11,11,11,11}	182.649087511157	182.167526166773
F _{11,11,2,1}	0.012923234691	-0.007460297932
F _{11,11,2,2}	0.045042287940	0.041997087243
F _{11,11,3,1}	-0.174555297501	-0.146692860985
F _{11,11,3,2}	0.080566592525	0.049446728672
F _{11,11,3,3}	-0.671354746089	-0.657010257704
F _{11,11,4,1}	-0.047988662251	-0.021281543745
F _{11,11,4,2}	-0.037279377044	-0.058154338751
F _{11,11,4,3}	-0.182112556981	-0.238289639866
F _{11,11,4,4}	182.551044807626	182.066154697585
F _{11,11,5,1}	-0.032744550601	-0.037288574851
F _{11,11,5,2}	-0.070478188109	-0.055580513613
F _{11,11,5,3}	0.062501365581	0.082233986089
F _{11,11,5,4}	0.162637490261	0.190491073061
F _{11,11,5,5}	-0.208865844292	-0.178530393817
F _{11,11,6,1}	0.005348971023	-0.004652296793
F _{11,11,6,2}	0.021114082376	-0.022269795746
F _{11,11,6,3}	0.060241804863	0.002963127928
F _{11,11,6,4}	0.056124536858	0.073538779514
F _{11,11,6,5}	-0.179651993715	-0.181546225128
F _{11,11,6,6}	-0.152259127357	-0.157367492027
F _{11,11,7,1}	-0.138007870092	-0.095973140407
F _{11,11,7,2}	-0.056091137218	-0.060235540634
F _{11,11,7,3}	-0.084137612308	-0.084504684667
F _{11,11,7,4}	-0.686237752885	-0.636546196212
F _{11,11,7,5}	0.048205145039	0.036951992941
F _{11,11,7,6}	-0.094254832306	-0.053152917889
F _{11,11,7,7}	-0.201012454634	-0.222007959115
F _{11,11,8,1}	0.005702241744	0.023704593885
F _{11,11,8,2}	-0.060642552126	-0.062068205912
F _{11,11,8,3}	0.214165751978	0.153703572283
F _{11,11,8,4}	0.114238536536	0.104836999964
F _{11,11,8,5}	-0.104964150458	-0.107344666159
F _{11,11,8,6}	-0.061277004968	-0.007998305950
F _{11,11,8,7}	-0.158891552459	-0.157837288118
F _{11,11,8,8}	-0.670200390542	-0.688450942679
F _{11,11,9,1}	0.014058253146	0.045375919491
F _{11,11,9,2}	0.006013228116	0.026160485054
F _{11,11,9,3}	-0.088609700500	-0.021092439311
F _{11,11,9,4}	-0.063761310463	-0.084909674047
F _{11,11,9,5}	-0.009881673969	-0.004490023518
F _{11,11,9,6}	0.152512003438	0.136789501564
F _{11,11,9,7}	-0.016394532345	-0.057879662708

F _{11,11,9,8}	-0.110937884913	-0.102499300748
F _{11,11,9,9}	0.012078825260	0.024534302778
F _{12,10,10,10}	0.856744689735	0.887663120480
F _{12,10,1,1}	-0.308473595602	-0.300702135014
F _{12,10,2,1}	-0.044906080608	-0.054061689295
F _{12,10,2,2}	0.002901482869	0.001728293352
F _{12,10,3,1}	0.431621551692	0.514893992420
F _{12,10,3,2}	-0.373636030073	-0.324370135786
F _{12,10,3,3}	0.964704502294	0.966062817738
F _{12,10,4,1}	0.107687397226	0.133846279135
F _{12,10,4,2}	-0.081528515322	-0.015259347775
F _{12,10,4,3}	-0.352708924524	-0.334833688551
F _{12,10,4,4}	-0.066855535609	-0.060602977933
F _{12,10,5,1}	0.100711695418	-0.010899534076
F _{12,10,5,2}	0.476527632267	0.514893992354
F _{12,10,5,3}	0.957851059276	0.847983755505
F _{12,10,5,4}	0.134718241872	0.115971043136
F _{12,10,5,5}	-0.959407838069	-0.958780846283
F _{12,10,6,1}	0.587702880441	0.578547271784
F _{12,10,6,2}	0.161313105159	0.255049098710
F _{12,10,6,3}	1.273501567969	1.192409034085
F _{12,10,6,4}	-0.015695329149	-0.007411683198
F _{12,10,6,5}	-0.714573457784	-0.699314109975
F _{12,10,6,6}	0.990188316352	0.983052026893
F _{12,10,7,1}	-0.160441142318	-0.071500944061
F _{12,10,7,2}	-0.021363086736	-0.010899534214
F _{12,10,7,3}	0.541052874571	0.414618278405
F _{12,10,7,4}	-0.157389273189	-0.149541608254
F _{12,10,7,5}	-0.071500944237	0.021363086817
F _{12,10,7,6}	0.230198160811	0.269436484147
F _{12,10,7,7}	0.108999658134	0.100681999357
F _{12,10,8,1}	-0.160877123796	-0.134718241889
F _{12,10,8,2}	0.070628981176	0.163057030619
F _{12,10,8,3}	0.306930881171	0.323934154406
F _{12,10,8,4}	-0.052753745198	0.006539720488
F _{12,10,8,5}	-0.404154725629	-0.405026688368
F _{12,10,8,6}	-0.140821980985	-0.107687397227
F _{12,10,8,7}	-0.129050484123	-0.078040664385
F _{12,10,8,8}	0.563207856380	0.593762859811
F _{12,10,9,1}	-0.006975701828	0.031826639774
F _{12,10,9,2}	-0.097223844492	-0.066269167531
F _{12,10,9,3}	-0.121638801133	-0.102019639481
F _{12,10,9,4}	0.068013093020	0.088940198504
F _{12,10,9,5}	0.032262620945	0.011335515473
F _{12,10,9,6}	-0.125562633232	-0.146053757391
F _{12,10,9,7}	0.003923832016	-0.098967769187
F _{12,10,9,8}	0.032698602403	-0.035314490574
F _{12,10,9,9}	-0.035014832560	-0.041194775051
F _{12,11,10,10}	-0.345823073175	-0.357079422190
F _{12,11,1,1}	0.073652530505	0.009624099539
F _{12,11,11,10}	-0.112883767298	-0.106686530231
F _{12,11,11,11}	0.174796365676	0.122352972029

F _{12,11,2,1}	0.038802341515	-0.004795795020
F _{12,11,2,2}	0.053850538132	0.052097122862
F _{12,11,3,1}	0.120766838189	0.148669645560
F _{12,11,3,2}	-0.133410297776	-0.043162155166
F _{12,11,3,3}	-0.333863470792	-0.322453061671
F _{12,11,4,1}	0.050573838375	0.003487850930
F _{12,11,4,2}	-0.052753745190	-0.037494397409
F _{12,11,4,3}	-0.023978975097	-0.006539720467
F _{12,11,4,4}	0.103918075579	0.142274945863
F _{12,11,5,1}	-0.027466826020	0.028774770097
F _{12,11,5,2}	0.023107012368	-0.018747198700
F _{12,11,5,3}	0.179188341211	0.163493011972
F _{12,11,5,4}	-0.150413571029	-0.124254689110
F _{12,11,5,5}	-0.077618939291	-0.096024029981
F _{12,11,6,1}	0.137770111430	0.146489738733
F _{12,11,6,2}	0.095915900363	0.008283645941
F _{12,11,6,3}	-0.096351881715	-0.075860757568
F _{12,11,6,4}	-0.138642074158	-0.178752359774
F _{12,11,6,5}	-0.066705148876	-0.119894875441
F _{12,11,6,6}	0.090022927609	0.099689411306
F _{12,11,7,1}	0.090248142581	0.084580384895
F _{12,11,7,2}	0.077168701627	-0.003051869516
F _{12,11,7,3}	-0.115971043230	-0.145617776012
F _{12,11,7,4}	0.013951403776	-0.064525242083
F _{12,11,7,5}	-0.052753745132	-0.066269167488
F _{12,11,7,6}	-0.170032732463	-0.174392546207
F _{12,11,7,7}	-0.195249524584	-0.136528105258
F _{12,11,8,1}	0.048829912921	0.004359813662
F _{12,11,8,2}	0.087632254429	-0.032262621033
F _{12,11,8,3}	0.178752359773	0.226274328588
F _{12,11,8,4}	-0.105943471766	-0.027466826013
F _{12,11,8,5}	-0.133410297784	-0.028774770108
F _{12,11,8,6}	-0.108123378592	-0.142565906460
F _{12,11,8,7}	0.034442527865	0.065833186153
F _{12,11,8,8}	0.444377330248	0.471201790113
F _{12,11,9,1}	-0.019619161436	-0.067141130276
F _{12,11,9,2}	-0.056677577478	-0.012207478238
F _{12,11,9,3}	0.009591590094	0.109867304051
F _{12,11,9,4}	-0.054933652032	0.033134583771
F _{12,11,9,5}	0.006539720507	0.000871962741
F _{12,11,9,6}	0.058421502958	0.052317763842
F _{12,11,9,7}	0.071936925337	0.113355154827
F _{12,11,9,8}	0.104635527660	0.070628981182
F _{12,11,9,9}	0.033542245015	0.043996307776
F _{12,12,10,10}	1.023353139109	1.027327767922
F _{12,12,1,1}	-0.636210895576	-0.619805219487
F _{12,12,11,10}	0.045516768275	0.083005294722
F _{12,12,11,11}	-0.131440708092	-0.103606632577
F _{12,12,12,10}	0.388864021151	0.428066097904
F _{12,12,12,11}	-0.100743857194	-0.089606635075
F _{12,12,12,12}	1.638323067464	1.623362926989
F _{12,12,2,1}	0.073233989627	0.075666815110

F _{12,12,2,2}	-0.327028073581	-0.320215836732
F _{12,12,3,1}	0.617404856635	0.642942055145
F _{12,12,3,2}	0.364172472418	0.369166396442
F _{12,12,3,3}	-0.053241108036	-0.083429044691
F _{12,12,4,1}	0.056646866900	0.113800014860
F _{12,12,4,2}	0.000796329797	-0.024729101228
F _{12,12,4,3}	-0.018038239423	0.020973945291
F _{12,12,4,4}	-0.150401476679	-0.151339583188
F _{12,12,5,1}	0.066295890519	0.093796489617
F _{12,12,5,2}	-0.292102040217	-0.260201109084
F _{12,12,5,3}	-0.790932175987	-0.734359110681
F _{12,12,5,4}	-0.114719331539	-0.101543776691
F _{12,12,5,5}	0.981602207601	0.998458446835
F _{12,12,6,1}	-0.159088666776	-0.114737585207
F _{12,12,6,2}	-0.117673317236	-0.154590134211
F _{12,12,6,3}	1.900737133220	1.912198189885
F _{12,12,6,4}	-0.031435056279	-0.048535999510
F _{12,12,6,5}	0.447870510295	0.489792401325
F _{12,12,6,6}	0.171449908825	0.182143321311
F _{12,12,7,1}	-0.048268368720	-0.038496323724
F _{12,12,7,2}	0.016863068387	0.032919091360
F _{12,12,7,3}	0.091926183620	0.117572678386
F _{12,12,7,4}	-0.139807776779	-0.155150130131
F _{12,12,7,5}	0.041883471855	-0.029607740495
F _{12,12,7,6}	0.162683515574	0.142893472615
F _{12,12,7,7}	0.137360647342	0.140267529994
F _{12,12,8,1}	0.320335460338	0.290089208101
F _{12,12,8,2}	0.232990897351	0.206714305400
F _{12,12,8,3}	-2.089123800470	-2.086659336883
F _{12,12,8,4}	0.086335729362	0.086525782464
F _{12,12,8,5}	0.042978860038	0.057746941824
F _{12,12,8,6}	1.126844879174	1.137106750902
F _{12,12,8,7}	-0.009567935247	-0.046734715168
F _{12,12,8,8}	-5.203220710720	-5.180635655183
F _{12,12,9,1}	0.051334664717	0.052278963156
F _{12,12,9,2}	-0.010626721977	-0.003268254246
F _{12,12,9,3}	-0.036073974854	-0.010265568291
F _{12,12,9,4}	0.112302494797	0.049517914734
F _{12,12,9,5}	-0.000798759333	-0.024908477874
F _{12,12,9,6}	-0.060610226527	-0.082654461008
F _{12,12,9,7}	-0.071328115581	-0.087235694288
F _{12,12,9,8}	0.106689480391	0.163086012759
F _{12,12,9,9}	0.104005182406	0.150798709800
F _{13,10,10,10}	-0.449425957007	-0.434027152107
F _{13,10,1,1}	-0.190900334429	-0.130788938832
F _{13,10,2,1}	-0.054497670651	-0.001743925442
F _{13,10,2,2}	0.127169167613	0.115160806907
F _{13,10,3,1}	0.030082714250	0.039238322886
F _{13,10,3,2}	-0.014387385080	0.030082714203
F _{13,10,3,3}	0.919305116262	0.891432659752
F _{13,10,4,1}	0.037930378785	-0.012643459596
F _{13,10,4,2}	-0.034878509246	-0.028774770101

F _{13,10,4,3}	0.269000502380	0.257229005527
F _{13,10,4,4}	0.042785677504	0.066837194981
F _{13,10,5,1}	-0.032698602347	-0.028338788677
F _{13,10,5,2}	-0.094607956273	-0.069757018511
F _{13,10,5,3}	0.218426663700	0.239789750909
F _{13,10,5,4}	0.048829912885	-0.052317763875
F _{13,10,5,5}	0.078845555219	0.089339458695
F _{13,10,6,1}	-0.053625707908	-0.110739266746
F _{13,10,6,2}	-0.051445801099	-0.039674304222
F _{13,10,6,3}	0.439905197494	0.339193502202
F _{13,10,6,4}	-0.125998614569	-0.106379453127
F _{13,10,6,5}	0.142129925009	0.102455620792
F _{13,10,6,6}	0.232029717593	0.205451141118
F _{13,10,7,1}	0.180060304012	0.213194887525
F _{13,10,7,2}	0.267256577128	0.178752359680
F _{13,10,7,3}	0.621709427140	0.686234668992
F _{13,10,7,4}	0.113791135933	0.138206092892
F _{13,10,7,5}	-0.171340677159	-0.165672919044
F _{13,10,7,6}	-0.016131310568	-0.053625707458
F _{13,10,7,7}	0.654059680156	0.629112517123
F _{13,10,8,1}	-0.139950018267	0.013079440959
F _{13,10,8,2}	-0.085016366237	-0.031390658300
F _{13,10,8,3}	0.328293968072	0.322190228948
F _{13,10,8,4}	0.017439254616	0.056677577497
F _{13,10,8,5}	-0.040982248341	-0.084144403516
F _{13,10,8,6}	-0.010463552767	-0.093300012172
F _{13,10,8,7}	-0.186164042976	-0.120330856794
F _{13,10,8,8}	0.293292131057	0.291747324044
F _{13,10,9,1}	0.037930378806	0.039674304372
F _{13,10,9,2}	0.035314490548	0.033134583742
F _{13,10,9,3}	-0.105943472024	-0.161749086523
F _{13,10,9,4}	0.102891602252	0.136026185946
F _{13,10,9,5}	0.030082714085	-0.073680850747
F _{13,10,9,6}	-0.231942086362	-0.228018254071
F _{13,10,9,7}	-0.071064962931	-0.134282259729
F _{13,10,9,8}	0.152157496496	0.141693943736
F _{13,10,9,9}	0.097466178390	0.062167975448
F _{13,11,10,10}	0.310568020931	0.237670303176
F _{13,11,1,1}	0.164966940658	0.137944499664
F _{13,11,11,10}	0.109990299770	0.125929729539
F _{13,11,11,11}	-0.521041552250	-0.535169254213
F _{13,11,2,1}	-0.050573838350	-0.011771496869
F _{13,11,2,2}	0.038841750859	0.025320668288
F _{13,11,3,1}	-0.022235049619	0.020055142803
F _{13,11,3,2}	-0.078040664389	-0.058421502964
F _{13,11,3,3}	0.180718525386	0.190937331448
F _{13,11,4,1}	-0.125562633218	-0.128614502756
F _{13,11,4,2}	-0.016131310521	-0.038802341509
F _{13,11,4,3}	-0.182676192055	-0.084144403513
F _{13,11,4,4}	-0.626381429089	-0.584153152533
F _{13,11,5,1}	0.062345335245	-0.010027571368
F _{13,11,5,2}	-0.002615888198	-0.011771496890

F _{13,11,5,3}	-0.061037391262	-0.046214024722
F _{13,11,5,4}	0.055369633389	0.058421502929
F _{13,11,5,5}	-0.180217789442	-0.109692915860
F _{13,11,6,1}	0.093300012178	0.043598136540
F _{13,11,6,2}	0.030954676930	-0.000435981353
F _{13,11,6,3}	-0.141693943756	-0.149105626930
F _{13,11,6,4}	0.001743925467	-0.019619161433
F _{13,11,6,5}	0.003923832257	-0.117714968643
F _{13,11,6,6}	-0.093809095576	-0.138720836448
F _{13,11,7,1}	-0.142129925056	-0.081092533994
F _{13,11,7,2}	0.045342062051	-0.004359813665
F _{13,11,7,3}	0.055369633461	0.003923832289
F _{13,11,7,4}	-0.105507490550	-0.167416844227
F _{13,11,7,5}	-0.047957950355	-0.032262621062
F _{13,11,7,6}	-0.144745813296	-0.130358428060
F _{13,11,7,7}	0.126319302380	0.095133942368
F _{13,11,8,1}	-0.045778043352	0.039238322871
F _{13,11,8,2}	-0.013951403684	-0.014823366419
F _{13,11,8,3}	-0.132102353673	-0.097223844469
F _{13,11,8,4}	-0.024850937826	-0.085016366225
F _{13,11,8,5}	-0.128614502763	-0.039674304247
F _{13,11,8,6}	0.085888328964	0.023978975104
F _{13,11,8,7}	-0.092864030819	-0.115099080439
F _{13,11,8,8}	-0.584189684241	-0.589103650571
F _{13,11,9,1}	0.028338788756	-0.009591589977
F _{13,11,9,2}	-0.107687397248	-0.021799068264
F _{13,11,9,3}	0.061909353791	0.080220571207
F _{13,11,9,4}	-0.081528515298	-0.044034117911
F _{13,11,9,5}	0.060601409749	0.024850937802
F _{13,11,9,6}	0.245021527288	0.189215912529
F _{13,11,9,7}	0.004359813558	0.055805615020
F _{13,11,9,8}	-0.105071509040	-0.159133198327
F _{13,11,9,9}	-0.072488200600	-0.049499359487
F _{13,12,10,10}	0.486232338676	0.490689369228
F _{13,12,1,1}	-0.111083673896	-0.097693157250
F _{13,12,11,10}	-0.233250030438	-0.154337403318
F _{13,12,11,11}	-0.056751310273	-0.071664308962
F _{13,12,12,10}	0.175823485909	0.176690417026
F _{13,12,12,11}	-0.141918353193	-0.137398237096
F _{13,12,12,12}	0.093649972122	0.078576707588
F _{13,12,2,1}	-0.014823366425	-0.016131310513
F _{13,12,2,2}	0.091830491841	0.075405508681
F _{13,12,3,1}	-0.142129925098	-0.065833186166
F _{13,12,3,2}	-0.086760291690	-0.046214024719
F _{13,12,3,3}	0.421207381422	0.438198260277
F _{13,12,4,1}	0.058421502952	0.066269167526
F _{13,12,4,2}	0.042290192442	0.004795795016
F _{13,12,4,3}	-0.183984136161	-0.145181794643
F _{13,12,4,4}	-0.078961692040	-0.069902861206
F _{13,12,5,1}	0.019183180064	-0.015695329168
F _{13,12,5,2}	0.020491124167	0.078476645773
F _{13,12,5,3}	0.095915900425	0.041418229698

F _{13,12,5,4}	-0.059293465677	-0.096787863089
F _{13,12,5,5}	0.036924967709	-0.000370865361
F _{13,12,6,1}	-0.068013092987	-0.027466826023
F _{13,12,6,2}	0.116407024540	0.029210751470
F _{13,12,6,3}	0.190959838017	0.162621049260
F _{13,12,6,4}	-0.127742540034	-0.150413571024
F _{13,12,6,5}	-0.061909353855	-0.018311217334
F _{13,12,6,6}	0.236351282524	0.208618911702
F _{13,12,7,1}	0.115971043148	0.006103739140
F _{13,12,7,2}	0.125126651814	0.048829912909
F _{13,12,7,3}	0.027030844594	0.119458894092
F _{13,12,7,4}	-0.169596751029	-0.132974316440
F _{13,12,7,5}	0.124690670549	0.108123378633
F _{13,12,7,6}	0.139514036905	0.203167316147
F _{13,12,7,7}	0.230331926761	0.231233686976
F _{13,12,8,1}	0.017875235980	-0.026594863279
F _{13,12,8,2}	0.082400478039	-0.039238322878
F _{13,12,8,3}	0.046214024721	0.040110285607
F _{13,12,8,4}	0.073244869369	0.035314490586
F _{13,12,8,5}	-0.013951403689	-0.009591590038
F _{13,12,8,6}	-0.070192999813	-0.084580384870
F _{13,12,8,7}	-0.035314490591	-0.051009819739
F _{13,12,8,8}	0.185889955529	0.172502777862
F _{13,12,9,1}	-0.014823366418	0.012207478209
F _{13,12,9,2}	0.004359813655	0.015259347789
F _{13,12,9,3}	-0.071500943867	-0.125126651841
F _{13,12,9,4}	0.196627595740	0.112919173622
F _{13,12,9,5}	-0.114663099057	-0.016567291871
F _{13,12,9,6}	-0.108995341320	-0.125126651832
F _{13,12,9,7}	-0.134718241828	-0.117714968743
F _{13,12,9,8}	-0.058857484317	-0.009155608676
F _{13,12,9,9}	0.082885841995	0.060047713449
F _{13,13,10,10}	0.012048632432	0.002841353685
F _{13,13,1,1}	-0.108357573995	-0.099604448033
F _{13,13,11,10}	0.196864585084	0.195862185288
F _{13,13,11,11}	-0.076014730248	-0.084008723444
F _{13,13,12,10}	0.122359320817	0.130425049433
F _{13,13,12,11}	-0.184821383288	-0.150299688962
F _{13,13,12,12}	0.230043159526	0.242295159844
F _{13,13,13,10}	0.607174881708	0.587840504399
F _{13,13,13,11}	0.214604338152	0.220241124795
F _{13,13,13,12}	0.285045791510	0.251661309602
F _{13,13,13,13}	-0.219735195917	-0.222127996034
F _{13,13,2,1}	-0.003426067166	0.032286669090
F _{13,13,2,2}	-0.156838867194	-0.157632297400
F _{13,13,3,1}	0.116026286929	0.176224003549
F _{13,13,3,2}	0.187454692491	0.208943244785
F _{13,13,3,3}	0.605172222043	0.611651818819
F _{13,13,4,1}	-0.105102219625	-0.078758421528
F _{13,13,4,2}	-0.001456240543	-0.001113443980
F _{13,13,4,3}	0.021490737668	0.031800815879
F _{13,13,4,4}	-0.122229698669	-0.116868934711

F _{13,13,5,1}	0.051835842364	0.034139705929
F _{13,13,5,2}	0.121498948494	0.073251971684
F _{13,13,5,3}	-0.182810836021	-0.170126560295
F _{13,13,5,4}	-0.026142451394	-0.022994467432
F _{13,13,5,5}	0.135898570607	0.121174851804
F _{13,13,6,1}	0.010072103026	-0.011264674044
F _{13,13,6,2}	0.014429036539	0.037604984782
F _{13,13,6,3}	0.057262593485	0.075045380105
F _{13,13,6,4}	-0.059628517971	-0.069899086375
F _{13,13,6,5}	0.164337295352	0.191871801303
F _{13,13,6,6}	0.078953305917	0.105724691285
F _{13,13,7,1}	0.158459461548	0.176151833620
F _{13,13,7,2}	-0.122142323725	-0.065830689520
F _{13,13,7,3}	0.813548007934	0.765440987562
F _{13,13,7,4}	0.151645765571	0.157593835990
F _{13,13,7,5}	0.088097498573	0.071757928920
F _{13,13,7,6}	0.122282575651	0.182422454022
F _{13,13,7,7}	-0.291197897018	-0.289333499554
F _{13,13,8,1}	-0.008830470461	0.006919311357
F _{13,13,8,2}	0.130171958691	0.090525271514
F _{13,13,8,3}	-0.191006263005	-0.173936423713
F _{13,13,8,4}	-0.097357752562	-0.073334051502
F _{13,13,8,5}	0.050172552512	0.048300678627
F _{13,13,8,6}	-0.037007375711	0.034146560649
F _{13,13,8,7}	0.306373227328	0.284465794352
F _{13,13,8,8}	0.033484499400	0.038572281177
F _{13,13,9,1}	-0.078224464010	-0.084691848644
F _{13,13,9,2}	0.071265111522	-0.013223161930
F _{13,13,9,3}	-0.064776082068	-0.042746180028
F _{13,13,9,4}	0.025542203084	0.089918854672
F _{13,13,9,5}	-0.019618622870	-0.001365482497
F _{13,13,9,6}	-0.111620046579	-0.134027599231
F _{13,13,9,7}	0.010854375008	-0.009994331833
F _{13,13,9,8}	-0.133245597622	-0.087821263040
F _{13,13,9,9}	-0.065383522157	-0.040231450905
F _{14,10,10,10}	-0.554218290030	-0.548444856306
F _{14,10,1,1}	0.077662176353	0.065949700326
F _{14,10,2,1}	0.159569179686	0.066269167513
F _{14,10,2,2}	0.181341357619	0.184817910029
F _{14,10,3,1}	0.050137856958	0.031826639673
F _{14,10,3,2}	-0.541052874322	-0.552824371203
F _{14,10,3,3}	-0.552795005480	-0.534973260269
F _{14,10,4,1}	-0.027466826016	0.019183180080
F _{14,10,4,2}	-0.019619161401	-0.058857484338
F _{14,10,4,3}	-0.221478533579	-0.205347223063
F _{14,10,4,4}	0.141512350396	0.124680609352
F _{14,10,5,1}	0.158261235544	0.112919173511
F _{14,10,5,2}	0.159569179708	0.122074782377
F _{14,10,5,3}	0.085452347992	0.050137857002
F _{14,10,5,4}	0.042726173826	0.021799068304
F _{14,10,5,5}	0.235515558688	0.215983545894
F _{14,10,6,1}	0.049701875615	0.074116832048

F _{14,10,6,2}	0.116843005908	0.144309831896
F _{14,10,6,3}	0.120330856932	0.133410297789
F _{14,10,6,4}	0.035314490594	0.035750471951
F _{14,10,6,5}	-0.521433712796	-0.485683240856
F _{14,10,6,6}	-0.049475615150	-0.020627760218
F _{14,10,7,1}	0.065397204564	-0.010027571272
F _{14,10,7,2}	-0.097659826070	-0.080656552510
F _{14,10,7,3}	0.113791136066	0.109431322673
F _{14,10,7,4}	0.081092534490	0.032262620903
F _{14,10,7,5}	-0.053189725802	-0.012207478134
F _{14,10,7,6}	0.045778043437	0.035750471345
F _{14,10,7,7}	-0.185614313584	-0.204977558686
F _{14,10,8,1}	0.029646732843	-0.009155608663
F _{14,10,8,2}	0.517945861988	0.499198663271
F _{14,10,8,3}	0.782150569357	0.715445420457
F _{14,10,8,4}	0.070628981169	0.110303285407
F _{14,10,8,5}	-0.014823366424	0.003487850922
F _{14,10,8,6}	-0.073244869372	-0.098967769936
F _{14,10,8,7}	0.062345335213	0.039674304218
F _{14,10,8,8}	-0.893985583334	-0.915880334587
F _{14,10,9,1}	-0.012643459612	-0.010899534277
F _{14,10,9,2}	0.081528515363	0.046214024751
F _{14,10,9,3}	0.181368248273	0.133846279155
F _{14,10,9,4}	-0.067577111675	-0.039674304212
F _{14,10,9,5}	0.054497670772	0.025286919225
F _{14,10,9,6}	-0.140385999607	-0.020491124129
F _{14,10,9,7}	-0.041854210622	0.026594862381
F _{14,10,9,8}	-0.101147676748	-0.086324310351
F _{14,10,9,9}	-0.058701542838	-0.080596294408
F _{14,11,10,10}	-0.205382995474	-0.216747136407
F _{14,11,1,1}	0.012366048584	0.007298770833
F _{14,11,11,10}	0.200975998841	0.141399414407
F _{14,11,11,11}	0.091514352356	0.074405019157
F _{14,11,2,1}	0.047521968827	0.010899534130
F _{14,11,2,2}	0.058326922827	0.031713727277
F _{14,11,3,1}	0.022235049636	-0.031826639666
F _{14,11,3,2}	-0.087632254431	-0.038366360147
F _{14,11,3,3}	-0.245284874374	-0.219524050455
F _{14,11,4,1}	0.007847664570	0.010027571402
F _{14,11,4,2}	0.025286919195	-0.014823366423
F _{14,11,4,3}	0.110303285417	0.170032732465
F _{14,11,4,4}	0.060689660554	0.056072428071
F _{14,11,5,1}	0.007847664575	0.002615888186
F _{14,11,5,2}	-0.052317763834	-0.007411683209
F _{14,11,5,3}	0.011335515542	0.038366360152
F _{14,11,5,4}	0.060601409783	-0.048393931543
F _{14,11,5,5}	-0.001304076771	-0.015484771469
F _{14,11,6,1}	0.009155608662	-0.030518695561
F _{14,11,6,2}	0.022235049631	-0.006975701842
F _{14,11,6,3}	0.071936925281	0.038802341520
F _{14,11,6,4}	0.010899534138	-0.023107012366
F _{14,11,6,5}	-0.050573838367	-0.046214024722

F _{14,11,6,6}	0.025754895692	-0.020829059173
F _{14,11,7,1}	-0.026594863288	-0.000435981334
F _{14,11,7,2}	-0.037930378798	0.001307944102
F _{14,11,7,3}	0.023978975052	0.029210751468
F _{14,11,7,4}	0.047957950220	0.028338788727
F _{14,11,7,5}	-0.197935539812	-0.015695329139
F _{14,11,7,6}	-0.000435981355	-0.032698602446
F _{14,11,7,7}	0.031999273860	0.021925242420
F _{14,11,8,1}	-0.068013092998	-0.001307944088
F _{14,11,8,2}	0.070628981171	-0.043162155167
F _{14,11,8,3}	0.161313105156	0.100711695391
F _{14,11,8,4}	-0.177444415673	-0.086760291705
F _{14,11,8,5}	-0.046214024721	-0.050573838369
F _{14,11,8,6}	0.065833186164	0.010027571395
F _{14,11,8,7}	0.024414956454	-0.072808888002
F _{14,11,8,8}	-0.087487747923	-0.106056384174
F _{14,11,9,1}	0.044034117893	-0.046214024737
F _{14,11,9,2}	0.033134583768	0.018311217338
F _{14,11,9,3}	-0.065833186122	-0.032698602397
F _{14,11,9,4}	-0.075424776195	0.018747198703
F _{14,11,9,5}	-0.088504217144	0.007411683217
F _{14,11,9,6}	0.086760291699	0.001743925470
F _{14,11,9,7}	0.025722900588	-0.003923832366
F _{14,11,9,8}	0.003487850919	0.004359813648
F _{14,11,9,9}	0.019679284462	-0.004571173475
F _{14,12,10,10}	-0.048962722151	-0.076789060984
F _{14,12,1,1}	-0.119429649917	-0.086444152865
F _{14,12,11,10}	0.007847664568	0.026158881918
F _{14,12,11,11}	-0.021246763892	-0.033377773607
F _{14,12,12,10}	0.198173261459	0.152361231550
F _{14,12,12,11}	-0.026007805170	-0.034195510463
F _{14,12,12,12}	-0.188426231078	-0.231644500012
F _{14,12,2,1}	0.085016366241	0.089812161257
F _{14,12,2,2}	-0.192055706965	-0.220670157683
F _{14,12,3,1}	0.151285533798	0.083708422142
F _{14,12,3,2}	0.243713583184	0.172648620659
F _{14,12,3,3}	-0.045565968419	-0.011511613673
F _{14,12,4,1}	0.010027571393	0.007411683210
F _{14,12,4,2}	0.083708422125	-0.030518695570
F _{14,12,4,3}	-0.084580384870	0.035314490587
F _{14,12,4,4}	0.029816616233	-0.037895518145
F _{14,12,5,1}	0.060165428451	0.110739266852
F _{14,12,5,2}	-0.087196273055	-0.013515422383
F _{14,12,5,3}	-0.469115949368	-0.483067352754
F _{14,12,5,4}	-0.142565906475	-0.076732720329
F _{14,12,5,5}	0.035498437580	0.009134213421
F _{14,12,6,1}	-0.015259347767	0.001743925499
F _{14,12,6,2}	0.036186453320	0.014387385071
F _{14,12,6,3}	0.069757018369	-0.022235049630
F _{14,12,6,4}	0.008283645944	-0.014823366423
F _{14,12,6,5}	0.196627595675	0.102891602161
F _{14,12,6,6}	-0.048547518382	-0.101295647266

F _{14,12,7,1}	-0.025286919074	-0.000435981481
F _{14,12,7,2}	-0.027902807238	-0.001307944136
F _{14,12,7,3}	-0.014387384855	0.024414956462
F _{14,12,7,4}	-0.054061689664	-0.065833186085
F _{14,12,7,5}	-0.022671031248	-0.013951403734
F _{14,12,7,6}	-0.114663099121	-0.040110285197
F _{14,12,7,7}	-0.024695117857	-0.018768593697
F _{14,12,8,1}	0.052753745204	0.039674304237
F _{14,12,8,2}	0.139078055526	0.133410297788
F _{14,12,8,3}	0.013951403687	-0.030518695576
F _{14,12,8,4}	0.038366360136	0.022235049636
F _{14,12,8,5}	0.580727178583	0.591626712710
F _{14,12,8,6}	-0.200987409401	-0.257664986891
F _{14,12,8,7}	0.055805614762	0.024414956482
F _{14,12,8,8}	0.149472404608	0.167887686344
F _{14,12,9,1}	0.093300012190	0.003051869663
F _{14,12,9,2}	0.035314490561	0.013515422318
F _{14,12,9,3}	0.025286918953	-0.026594863287
F _{14,12,9,4}	0.072808888023	0.021799068244
F _{14,12,9,5}	0.057113558750	0.047521968753
F _{14,12,9,6}	-0.010899534158	0.010027571364
F _{14,12,9,7}	0.021799068067	-0.017439253919
F _{14,12,9,8}	0.011335515498	0.075424776210
F _{14,12,9,9}	0.022615891239	0.011384440233
F _{14,13,10,10}	0.186247038964	0.156335128970
F _{14,13,1,1}	0.036554986566	0.003813840083
F _{14,13,11,10}	0.136026185971	0.005667757752
F _{14,13,11,11}	0.022567177822	0.028592588928
F _{14,13,12,10}	-0.047085987455	-0.018311217343
F _{14,13,12,11}	-0.058421502947	-0.040982248341
F _{14,13,12,12}	0.043867981673	0.013831505562
F _{14,13,13,10}	-0.195144213132	-0.177801228052
F _{14,13,13,11}	0.008870704058	0.020302160201
F _{14,13,13,12}	-0.005925133063	-0.015938518975
F _{14,13,13,13}	0.118102451727	0.123388172566
F _{14,13,2,1}	-0.034442527864	-0.021799068266
F _{14,13,2,2}	0.071714774077	0.083528110339
F _{14,13,3,1}	-0.003051869566	-0.002615888187
F _{14,13,3,2}	-0.125562633206	-0.100711695377
F _{14,13,3,3}	0.156773332120	0.099954763084
F _{14,13,4,1}	-0.017439254613	0.006539720490
F _{14,13,4,2}	-0.014387385045	0.011335515496
F _{14,13,4,3}	0.021799068266	0.030082714197
F _{14,13,4,4}	-0.036408604530	0.014446159810
F _{14,13,5,1}	-0.021799068269	-0.031390658322
F _{14,13,5,2}	-0.001743925468	-0.037930378769
F _{14,13,5,3}	0.014387385134	0.020491124165
F _{14,13,5,4}	-0.046214024714	-0.037494397408
F _{14,13,5,5}	0.031210698949	0.039929973867
F _{14,13,6,1}	-0.015695329155	0.019619161419
F _{14,13,6,2}	-0.013515422331	0.000871962724
F _{14,13,6,3}	0.075424776214	0.023542993727

F _{14,13,6,4}	-0.110739266787	-0.024850937825
F _{14,13,6,5}	-0.116843005881	0.007411683220
F _{14,13,6,6}	-0.011262324413	-0.032471060612
F _{14,13,7,1}	0.040546266937	-0.017439254572
F _{14,13,7,2}	0.050573838340	0.063653279350
F _{14,13,7,3}	-0.139514036979	-0.177880397052
F _{14,13,7,4}	-0.001307943990	0.004359813622
F _{14,13,7,5}	0.003487850999	0.015695329167
F _{14,13,7,6}	0.101147676764	0.010899534011
F _{14,13,7,7}	0.117281858550	0.120319311962
F _{14,13,8,1}	-0.007847664580	0.008283645941
F _{14,13,8,2}	0.025722900546	0.016131310515
F _{14,13,8,3}	-0.017875235977	0.041418229702
F _{14,13,8,4}	-0.093735993536	-0.071064962535
F _{14,13,8,5}	-0.074552813469	-0.034006546491
F _{14,13,8,6}	-0.017439254618	0.020055142805
F _{14,13,8,7}	-0.041854211075	0.043162155160
F _{14,13,8,8}	0.017990618866	-0.016775731553
F _{14,13,9,1}	0.067141130252	0.003923832252
F _{14,13,9,2}	-0.002615888184	0.016131310519
F _{14,13,9,3}	0.023107012419	0.037058416048
F _{14,13,9,4}	0.005231776375	-0.009591590029
F _{14,13,9,5}	0.006975701875	-0.018311217328
F _{14,13,9,6}	-0.100275714011	0.007411683221
F _{14,13,9,7}	-0.006103739063	-0.040110285800
F _{14,13,9,8}	0.027902807379	0.019619161431
F _{14,13,9,9}	0.048874976260	0.024909712519
F _{14,14,10,10}	0.533591452870	0.517275553019
F _{14,14,1,1}	-0.025977099118	-0.015719700374
F _{14,14,11,10}	0.119509034272	0.129779866912
F _{14,14,11,11}	-0.077640520945	-0.088165035743
F _{14,14,12,10}	-0.006940295586	-0.032133716791
F _{14,14,12,11}	-0.065424772235	-0.024612489634
F _{14,14,12,12}	-0.103792513175	-0.108782417216
F _{14,14,13,10}	0.007223263608	-0.019438914279
F _{14,14,13,11}	-0.096514008136	-0.059606704885
F _{14,14,13,12}	0.019919126971	-0.003402083761
F _{14,14,13,13}	0.019363815682	0.038775734585
F _{14,14,14,10}	-0.638290030074	-0.640800242145
F _{14,14,14,11}	-0.098355532269	-0.079496402794
F _{14,14,14,12}	0.035086882209	-0.002390965517
F _{14,14,14,13}	0.004311315386	0.016718065187
F _{14,14,14,14}	0.401454329792	0.354502527682
F _{14,14,2,1}	-0.049858082587	-0.005571046166
F _{14,14,2,2}	-0.434503983828	-0.432808682757
F _{14,14,3,1}	-0.063452708683	-0.050122988674
F _{14,14,3,2}	0.512987445233	0.458033931474
F _{14,14,3,3}	0.513122652529	0.484109028124
F _{14,14,4,1}	-0.001411318146	0.023043227249
F _{14,14,4,2}	-0.012791756054	-0.034611345474
F _{14,14,4,3}	0.216519735260	0.225013224269
F _{14,14,4,4}	-0.144644130089	-0.119552287724

F _{14,14,5,1}	0.003296583685	-0.023482497599
F _{14,14,5,2}	0.100644506721	0.146278850257
F _{14,14,5,3}	-0.095905217659	-0.098407625716
F _{14,14,5,4}	-0.042855070542	-0.013693531453
F _{14,14,5,5}	-0.388372607794	-0.446137182429
F _{14,14,6,1}	-0.039847763317	-0.032409770173
F _{14,14,6,2}	0.023003336739	0.055625547834
F _{14,14,6,3}	-0.103977848237	-0.150792967146
F _{14,14,6,4}	-0.017483652727	-0.007408423931
F _{14,14,6,5}	0.421057655805	0.405212015668
F _{14,14,6,6}	-0.278247930644	-0.314085020027
F _{14,14,7,1}	0.006737946656	-0.019967120964
F _{14,14,7,2}	0.016935732021	-0.015983486242
F _{14,14,7,3}	0.024349071644	0.005670794916
F _{14,14,7,4}	0.012495049225	-0.053275818159
F _{14,14,7,5}	0.011219455282	-0.010569882918
F _{14,14,7,6}	0.012269946476	0.015441593068
F _{14,14,7,7}	0.016120847269	0.022274122959
F _{14,14,8,1}	0.030625843078	0.016874219224
F _{14,14,8,2}	-0.047853765499	-0.055310495172
F _{14,14,8,3}	-0.958624120307	-0.920627175398
F _{14,14,8,4}	-0.082825040317	-0.073043397262
F _{14,14,8,5}	0.038183064929	0.068573812265
F _{14,14,8,6}	0.086084696572	0.051658478902
F _{14,14,8,7}	-0.050986164945	-0.068824438881
F _{14,14,8,8}	0.882629630801	0.853855604597
F _{14,14,9,1}	-0.021038241665	-0.002727351909
F _{14,14,9,2}	0.012262300127	0.050430116892
F _{14,14,9,3}	-0.087447112698	-0.107053431409
F _{14,14,9,4}	0.014424677950	0.012386835269
F _{14,14,9,5}	-0.047303440722	-0.047652169655
F _{14,14,9,6}	0.021717587799	0.036295787716
F _{14,14,9,7}	-0.023806141237	0.001341187010
F _{14,14,9,8}	0.058368212406	0.037596042894
F _{14,14,9,9}	0.021666190342	0.030733238600
F _{15,10,10,10}	0.158662970328	0.163338240665
F _{15,10,1,1}	-0.104506895847	-0.080373009466
F _{15,10,2,1}	0.051445801097	0.030518695573
F _{15,10,2,2}	0.067972957820	0.059309794403
F _{15,10,3,1}	0.312598638909	0.374943974164
F _{15,10,3,2}	-0.007847664551	-0.125562633208
F _{15,10,3,3}	-0.606701172985	-0.576322908367
F _{15,10,4,1}	-0.055805614758	-0.089376179881
F _{15,10,4,2}	-0.081528515298	-0.017875235976
F _{15,10,4,3}	0.214502831735	0.186600024355
F _{15,10,4,4}	0.075342449275	0.073936266007
F _{15,10,5,1}	0.030518695566	0.007411683190
F _{15,10,5,2}	-0.084144403515	-0.092864030798
F _{15,10,5,3}	-0.095043937587	-0.105507490400
F _{15,10,5,4}	0.015695329166	0.027466826017
F _{15,10,5,5}	0.131710620695	0.150218941047
F _{15,10,6,1}	0.010027571395	0.059293465677

F _{15,10,6,2}	0.058421502944	-0.000871962736
F _{15,10,6,3}	0.151721515147	0.189215912541
F _{15,10,6,4}	0.087196273058	0.074988794840
F _{15,10,6,5}	-0.153465440572	-0.046650006076
F _{15,10,6,6}	-0.112832733513	-0.074972466084
F _{15,10,7,1}	0.041418229666	0.038366360182
F _{15,10,7,2}	-0.047957950221	0.002615888223
F _{15,10,7,3}	-0.313906583044	-0.213630869006
F _{15,10,7,4}	0.212758906309	0.206655167141
F _{15,10,7,5}	0.018311217421	0.002179906840
F _{15,10,7,6}	-0.428133700721	-0.288183682549
F _{15,10,7,7}	-0.145798550436	-0.099612445216
F _{15,10,8,1}	0.040982248342	0.082836459412
F _{15,10,8,2}	0.094607956266	0.080220571212
F _{15,10,8,3}	-0.051881782474	-0.015695329147
F _{15,10,8,4}	-0.059293465684	-0.089376179886
F _{15,10,8,5}	-0.017439254618	0.059293465681
F _{15,10,8,6}	-0.070192999817	-0.064525242071
F _{15,10,8,7}	0.273796297416	0.242841620475
F _{15,10,8,8}	-0.664982036736	-0.734288801801
F _{15,10,9,1}	0.002179906825	-0.003051869581
F _{15,10,9,2}	0.170468713832	0.128178521389
F _{15,10,9,3}	0.239353769589	0.273360316041
F _{15,10,9,4}	-0.078476645753	-0.105943471764
F _{15,10,9,5}	-0.122074782265	-0.102455620838
F _{15,10,9,6}	0.043162155165	0.130358428232
F _{15,10,9,7}	0.040982248380	0.051881782337
F _{15,10,9,8}	-0.122946745019	-0.162185067898
F _{15,10,9,9}	0.032925681706	0.037201319975
F _{15,11,10,10}	0.136890199074	0.200431055364
F _{15,11,1,1}	-0.063664793860	-0.046768961674
F _{15,11,11,10}	0.113886348098	0.127921294064
F _{15,11,11,11}	-0.078195266150	-0.050132964729
F _{15,11,2,1}	0.043162155164	0.011335515481
F _{15,11,2,2}	-0.051457315623	-0.038893169267
F _{15,11,3,1}	-0.028338788733	-0.051009819733
F _{15,11,3,2}	0.051881782469	0.010027571400
F _{15,11,3,3}	0.194492430035	0.192148826510
F _{15,11,4,1}	0.098531788562	0.058421502957
F _{15,11,4,2}	-0.021799068281	0.007847664575
F _{15,11,4,3}	-0.063217297970	-0.047521968817
F _{15,11,4,4}	-0.152548736713	-0.084460253887
F _{15,11,5,1}	0.028774770106	0.004795795015
F _{15,11,5,2}	-0.041418229695	0.003923832286
F _{15,11,5,3}	0.030082714182	-0.023978975095
F _{15,11,5,4}	0.041854211068	0.004359813646
F _{15,11,5,5}	-0.069684149498	-0.018809898644
F _{15,11,6,1}	-0.005231776383	-0.057113558852
F _{15,11,6,2}	0.026594863292	0.002615888206
F _{15,11,6,3}	0.209271055331	0.175700490213
F _{15,11,6,4}	0.160877123793	0.139950018259
F _{15,11,6,5}	0.125126651841	0.077604683021

F _{15,11,6,6}	-0.085154456000	-0.097286544393
F _{15,11,7,1}	-0.036622434672	-0.010027571418
F _{15,11,7,2}	-0.008283645936	-0.000871962737
F _{15,11,7,3}	0.088940198555	0.118150949998
F _{15,11,7,4}	0.016567291873	-0.047957950191
F _{15,11,7,5}	0.058421502926	0.004795795013
F _{15,11,7,6}	0.160005161063	0.171340676600
F _{15,11,7,7}	0.018749748129	0.054716249049
F _{15,11,8,1}	0.061473372502	-0.010027571399
F _{15,11,8,2}	0.068013092986	0.016567291879
F _{15,11,8,3}	-0.370148179141	-0.395435098317
F _{15,11,8,4}	0.007411683207	0.036186453316
F _{15,11,8,5}	-0.078040664385	0.035750471959
F _{15,11,8,6}	0.061473372500	0.095043937634
F _{15,11,8,7}	-0.161749086531	-0.132974316419
F _{15,11,8,8}	-0.438496256727	-0.377495987028
F _{15,11,9,1}	0.033570565131	-0.006975701834
F _{15,11,9,2}	0.097223844458	-0.009591590044
F _{15,11,9,3}	-0.159133198352	-0.131666372320
F _{15,11,9,4}	-0.004359813653	0.052317763843
F _{15,11,9,5}	0.060601409774	0.052753745199
F _{15,11,9,6}	-0.041418229707	-0.034006546494
F _{15,11,9,7}	-0.039674304262	-0.053625707876
F _{15,11,9,8}	0.031826639674	-0.038366360140
F _{15,11,9,9}	-0.160480784824	-0.097736589650
F _{15,12,10,10}	-0.050679442642	-0.057715276047
F _{15,12,1,1}	0.117519533536	0.092802244940
F _{15,12,11,10}	0.137334130065	0.090684123984
F _{15,12,11,11}	0.016150272346	0.008055627056
F _{15,12,12,10}	0.002524250781	0.018240839170
F _{15,12,12,11}	0.102323105116	0.103331777001
F _{15,12,12,12}	-0.313521143160	-0.352175647467
F _{15,12,2,1}	0.015695329155	-0.026594863278
F _{15,12,2,2}	0.067058206491	0.049541642380
F _{15,12,3,1}	-0.069757018442	-0.055805614757
F _{15,12,3,2}	0.003923832283	-0.088940198522
F _{15,12,3,3}	0.145141062591	0.154177170047
F _{15,12,4,1}	-0.076296738937	-0.051009819741
F _{15,12,4,2}	-0.082836459405	0.010899534134
F _{15,12,4,3}	0.051881782476	0.108559359968
F _{15,12,4,4}	0.058788624466	0.027826957613
F _{15,12,5,1}	0.022235049638	-0.020927105524
F _{15,12,5,2}	0.017875235978	-0.006539720486
F _{15,12,5,3}	0.019619161407	0.034878509222
F _{15,12,5,4}	0.020491124165	-0.006103739121
F _{15,12,5,5}	-0.048322152281	-0.114387350995
F _{15,12,6,1}	0.021799068268	0.023542993731
F _{15,12,6,2}	-0.024850937825	0.023978975087
F _{15,12,6,3}	-0.211450962179	-0.180060303866
F _{15,12,6,4}	0.031390658295	0.037494397421
F _{15,12,6,5}	0.099403751279	-0.014387385061
F _{15,12,6,6}	0.195658645315	0.175216786880

F _{15,12,7,1}	-0.061909353865	0.020491124160
F _{15,12,7,2}	-0.073244869364	-0.000000000001
F _{15,12,7,3}	-0.039238322832	-0.054061689284
F _{15,12,7,4}	0.119022912699	0.072808888007
F _{15,12,7,5}	0.039674304212	0.000871962714
F _{15,12,7,6}	-0.043598136533	-0.108559359918
F _{15,12,7,7}	-0.026101166474	-0.056556532433
F _{15,12,8,1}	0.002179906827	-0.050137857008
F _{15,12,8,2}	0.069321037087	-0.035750471954
F _{15,12,8,3}	0.155209366049	0.181804229330
F _{15,12,8,4}	0.019619161454	0.025286919191
F _{15,12,8,5}	0.125126651844	0.126434595937
F _{15,12,8,6}	-0.197499558480	-0.088940198523
F _{15,12,8,7}	0.106815434494	0.133410297788
F _{15,12,8,8}	0.585004068403	0.583464111818
F _{15,12,9,1}	0.004359813655	-0.019183180058
F _{15,12,9,2}	-0.006103739114	0.018747198707
F _{15,12,9,3}	0.014387385024	-0.065833186158
F _{15,12,9,4}	-0.031826639665	0.032698602396
F _{15,12,9,5}	0.069321037072	0.088504217149
F _{15,12,9,6}	0.177444415675	0.120330856818
F _{15,12,9,7}	0.095043937616	0.090248142688
F _{15,12,9,8}	-0.016567291879	-0.063653279331
F _{15,12,9,9}	0.042868272612	-0.030903951458
F _{15,13,10,10}	-0.190502050146	-0.152539873519
F _{15,13,1,1}	0.057724176778	0.040499746511
F _{15,13,11,10}	0.089376179887	0.151285533748
F _{15,13,11,11}	0.022630554439	0.008773231642
F _{15,13,12,10}	-0.108995341324	-0.121638800914
F _{15,13,12,11}	0.132538335047	0.122074782277
F _{15,13,12,12}	-0.046441350439	-0.055752010414
F _{15,13,13,10}	-0.207556484251	-0.126691823264
F _{15,13,13,11}	0.014753133736	0.063657472757
F _{15,13,13,12}	-0.064381714123	-0.124794123257
F _{15,13,13,13}	-0.036088348805	-0.027549614689
F _{15,13,2,1}	0.013079440956	-0.006103739115
F _{15,13,2,2}	-0.028403238742	-0.001973276819
F _{15,13,3,1}	-0.023107012365	0.064089260698
F _{15,13,3,2}	-0.009155608670	0.006103739114
F _{15,13,3,3}	-0.262089250535	-0.258892876211
F _{15,13,4,1}	0.039238322877	-0.007847664575
F _{15,13,4,2}	-0.031826639669	-0.002615888196
F _{15,13,4,3}	0.065833186166	0.119458894093
F _{15,13,4,4}	-0.043423499977	-0.037920643580
F _{15,13,5,1}	0.004359813652	-0.017439254615
F _{15,13,5,2}	-0.090684123987	-0.003051869559
F _{15,13,5,3}	-0.029646732823	-0.006975701852
F _{15,13,5,4}	0.008719627301	0.027902807388
F _{15,13,5,5}	0.011031978955	-0.011424227692
F _{15,13,6,1}	0.008719627306	0.019183180074
F _{15,13,6,2}	0.012207478227	-0.001307944102
F _{15,13,6,3}	-0.055805614755	-0.070628981183

F _{15,13,6,4}	0.221478533575	0.162621049254
F _{15,13,6,5}	-0.047085987449	-0.015695329148
F _{15,13,6,6}	-0.191994698127	-0.191442339815
F _{15,13,7,1}	-0.028774770117	-0.096351881721
F _{15,13,7,2}	-0.059293465695	0.010463552777
F _{15,13,7,3}	0.031390658279	-0.032262621029
F _{15,13,7,4}	0.139078055548	0.093300012166
F _{15,13,7,5}	0.020491124194	0.005231776390
F _{15,13,7,6}	-0.149105626935	-0.122946745037
F _{15,13,7,7}	0.023576991099	0.018841317391
F _{15,13,8,1}	0.012643459596	-0.008283645942
F _{15,13,8,2}	0.041854211069	-0.017439254618
F _{15,13,8,3}	0.112919173619	0.074552813470
F _{15,13,8,4}	-0.114663099079	-0.105071509034
F _{15,13,8,5}	-0.000435981368	0.005231776385
F _{15,13,8,6}	-0.064961223429	-0.019619161439
F _{15,13,8,7}	-0.039238322873	-0.017003273251
F _{15,13,8,8}	0.127706217891	0.137597015730
F _{15,13,9,1}	0.054933652024	-0.018747198719
F _{15,13,9,2}	0.055369633395	0.016567291882
F _{15,13,9,3}	0.063217297986	0.072808888008
F _{15,13,9,4}	-0.020491124171	-0.030518695571
F _{15,13,9,5}	0.027030844654	0.025286919189
F _{15,13,9,6}	0.086324310331	0.087632254428
F _{15,13,9,7}	0.000871962742	-0.045778043397
F _{15,13,9,8}	0.042290192433	0.143873850550
F _{15,13,9,9}	0.050242174022	0.069752689720
F _{15,14,10,10}	0.241773108476	0.241857963689
F _{15,14,1,1}	0.106251433071	0.005041089460
F _{15,14,11,10}	0.009591590034	-0.026158881922
F _{15,14,11,11}	0.018239234193	0.004434968746
F _{15,14,12,10}	0.019619161438	-0.084144403503
F _{15,14,12,11}	0.013079440964	-0.016567291877
F _{15,14,12,12}	0.063269880912	0.051458673153
F _{15,14,13,10}	-0.017439254609	0.059729447047
F _{15,14,13,11}	0.020055142803	-0.014823366419
F _{15,14,13,12}	0.034878509224	0.004359813653
F _{15,14,13,13}	0.046266607658	-0.032997145610
F _{15,14,14,10}	-0.093578498744	-0.076304834050
F _{15,14,14,11}	0.006344921705	0.027720151648
F _{15,14,14,12}	0.018766160543	0.007993344005
F _{15,14,14,13}	0.017461061101	0.018240255581
F _{15,14,14,14}	0.042787520449	-0.025053911239
F _{15,14,2,1}	-0.025286919182	0.007847664569
F _{15,14,2,2}	-0.022236494453	-0.041369830057
F _{15,14,3,1}	-0.069757018437	-0.004795795016
F _{15,14,3,2}	-0.111175248158	-0.005667757750
F _{15,14,3,3}	0.153731210109	0.107820180351
F _{15,14,4,1}	-0.056677577486	0.009155608670
F _{15,14,4,2}	-0.014823366421	0.016567291893
F _{15,14,4,3}	0.032262621031	-0.013515422330
F _{15,14,4,4}	0.037732039146	0.005603646068

F _{15,14,5,1}	0.036186453325	0.011335515508
F _{15,14,5,2}	-0.044906080629	-0.023978975104
F _{15,14,5,3}	0.060601409732	0.064089260701
F _{15,14,5,4}	-0.082400478044	-0.010899534136
F _{15,14,5,5}	0.011066856240	-0.009304103867
F _{15,14,6,1}	0.034006546498	-0.027902807375
F _{15,14,6,2}	0.022671030995	0.008719627310
F _{15,14,6,3}	-0.100275714030	-0.029210751472
F _{15,14,6,4}	0.016131310509	0.017439254616
F _{15,14,6,5}	0.044906080616	0.044906080618
F _{15,14,6,6}	-0.009128925699	-0.012960721779
F _{15,14,7,1}	0.055805614776	-0.007847664592
F _{15,14,7,2}	0.039674304265	-0.004795795024
F _{15,14,7,3}	0.054497670724	0.014387385055
F _{15,14,7,4}	0.110739266736	-0.006975701839
F _{15,14,7,5}	0.002615888139	-0.030082714231
F _{15,14,7,6}	0.048829912904	0.009155608736
F _{15,14,7,7}	-0.035119040521	-0.046376583784
F _{15,14,8,1}	0.042726173802	-0.002615888194
F _{15,14,8,2}	0.079784589848	0.073680850739
F _{15,14,8,3}	-0.119022912729	-0.116407024531
F _{15,14,8,4}	-0.022235049634	0.039238322883
F _{15,14,8,5}	-0.035314490590	-0.013079440959
F _{15,14,8,6}	0.067577111623	0.042726173798
F _{15,14,8,7}	-0.008719627301	0.025286919188
F _{15,14,8,8}	0.057309008761	0.033562709131
F _{15,14,9,1}	0.038802341509	-0.002615888183
F _{15,14,9,2}	0.129486465488	0.040110285608
F _{15,14,9,3}	-0.074552813504	-0.090248142620
F _{15,14,9,4}	0.159133198338	0.037930378779
F _{15,14,9,5}	0.003923832275	0.017875235970
F _{15,14,9,6}	0.019619161435	-0.035314490594
F _{15,14,9,7}	0.014823366389	0.039674304337
F _{15,14,9,8}	-0.013515422326	0.000871962734
F _{15,14,9,9}	-0.092724836575	-0.078273543023
F _{15,15,10,10}	0.652061637644	0.648983724519
F _{15,15,1,1}	-0.080384287782	-0.039058697020
F _{15,15,11,10}	-0.046288450643	-0.047726831808
F _{15,15,11,11}	0.131170000367	0.131766318420
F _{15,15,12,10}	-0.044247843817	-0.025593996288
F _{15,15,12,11}	0.019467027876	-0.011533048683
F _{15,15,12,12}	0.270887701776	0.250373428651
F _{15,15,13,10}	0.061098103764	0.083888669271
F _{15,15,13,11}	0.015906901027	0.017624279782
F _{15,15,13,12}	0.057413524389	0.072147258541
F _{15,15,13,13}	0.009575184158	0.024708921179
F _{15,15,14,10}	-0.075249337594	-0.077774646285
F _{15,15,14,11}	0.072773115603	0.020987273772
F _{15,15,14,12}	-0.014208779000	-0.001924832272
F _{15,15,14,13}	0.063549426148	0.034696328055
F _{15,15,14,14}	0.030695088418	0.028614036066
F _{15,15,15,10}	-0.016238220701	0.015395230704

F _{15,15,15,11}	-0.062354609854	-0.017797680137
F _{15,15,15,12}	-0.083758963641	-0.127136599416
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F _{15,15,15,14}	-0.063010624197	-0.075700413180
F _{15,15,15,15}	0.027485680928	0.056464926430
F _{15,15,2,1}	0.081953616837	0.043549520949
F _{15,15,2,2}	-0.157649708999	-0.142156721232
F _{15,15,3,1}	0.030355948864	0.035038704624
F _{15,15,3,2}	0.121185525135	0.145289965421
F _{15,15,3,3}	-0.084067250899	-0.087113221929
F _{15,15,4,1}	-0.004971832540	0.006403271768
F _{15,15,4,2}	0.015692359849	0.025190765074
F _{15,15,4,3}	-0.126452272643	-0.121373970482
F _{15,15,4,4}	0.087974430877	0.113512625316
F _{15,15,5,1}	0.020445184625	0.049399054155
F _{15,15,5,2}	0.020932580812	0.045639817640
F _{15,15,5,3}	-0.176343780303	-0.137427957817
F _{15,15,5,4}	0.086849384624	0.053302271563
F _{15,15,5,5}	0.119383003981	0.125268033622
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F _{15,15,6,2}	0.012467120524	0.010574140495
F _{15,15,6,3}	0.282810285823	0.175466421169
F _{15,15,6,4}	-0.017628979948	-0.001595338816
F _{15,15,6,5}	0.142174908546	0.116519687591
F _{15,15,6,6}	-0.369465067024	-0.365908125813
F _{15,15,7,1}	0.039073230550	0.028136152343
F _{15,15,7,2}	-0.050786705905	-0.018236061433
F _{15,15,7,3}	-0.036615659421	-0.039162622222
F _{15,15,7,4}	-0.045417809256	0.009142178189
F _{15,15,7,5}	0.002499828667	0.005852088401
F _{15,15,7,6}	0.042207333469	0.068413332267
F _{15,15,7,7}	-0.113547025599	-0.131596755843
F _{15,15,8,1}	0.028736590502	0.019126789653
F _{15,15,8,2}	0.070442511638	0.030650497331
F _{15,15,8,3}	-0.345198339174	-0.284821017649
F _{15,15,8,4}	0.002263989446	0.003326005210
F _{15,15,8,5}	0.057656899391	0.052224510679
F _{15,15,8,6}	-0.050232143641	-0.042949477352
F _{15,15,8,7}	-0.046408360795	-0.068388458147
F _{15,15,8,8}	-0.250714226435	-0.247135563010
F _{15,15,9,1}	-0.056643386023	-0.050031329438
F _{15,15,9,2}	0.052009268234	-0.007918722104
F _{15,15,9,3}	0.040586078701	0.123072065937
F _{15,15,9,4}	-0.114262488416	-0.063909903662
F _{15,15,9,5}	0.023979510472	0.027845270230
F _{15,15,9,6}	-0.127170049235	-0.157207275228
F _{15,15,9,7}	0.006276578708	0.005991656795
F _{15,15,9,8}	-0.097422462029	-0.077793691868
F _{15,15,9,9}	-0.141895724127	-0.141280090848
