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FOR DEFORMED NUCLEI

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T. Yamazaki

March 1966

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This table has been prepared in order to help calculate alpha, beta, and gamma ray transition probabilities for deformed nuclei. The table for odd-mass deformed nuclei was issued before by Lum, Light, and Asaro.[1] In addition to the Clebsch-Gordan coefficients, the squares of the coefficients are also tabulated, since the transition probabilities are proportional to the squares.

The values have been computed with IBM-7094.

Nomenclature

KI: K quantum number of the initial state

KF: K quantum number of the final state

II: nuclear spin of the initial state

IF: nuclear spin of the final state

L: the change in angular momentum associated with a given transition between two nuclear states

CG**2: square of the Clebsch-Gordan coefficient: $\left[C^{II \ L \ IF}_{KI \ KF-KI \ KF} \right]^2$

CG: the Clebsch-Gordan coefficient: $C^{II \ L \ IF}_{KI \ KF-KI \ KF}$

Reference

1. J. K. Lum, J. H. Light, and F. Asaro, UCRL-9679 (unpublished) 1961.

KI	KF	II	L	IF	CG**2	CG
0	0	0	1	1	1.000	1.000
0	0	0	2	2	1.000	1.000
0	0	1	1	0	0.334	-0.577
				1	0.000	-0.
				2	0.667	0.816
0	0	1	2	1	0.400	-0.632
				2	0.000	-0.
				3	0.600	0.775
0	0	2	1	1	0.400	-0.632
				2	0.000	-0.
				3	0.600	0.775
0	0	2	2	0	0.200	0.447
				1	0.000	0.
				2	0.286	-0.535
				3	0.000	-0.
				4	0.515	0.717
0	0	3	1	2	0.429	-0.655
				3	0.000	-0.
				4	0.572	0.756
0	0	3	2	1	0.258	0.507
				2	0.000	0.
				3	0.267	-0.516
				4	0.000	-0.
				5	0.477	0.690
0	0	4	1	3	0.445	-0.667
				4	0.000	-0.
				5	0.556	0.745
0	0	4	2	2	0.286	0.535
				3	0.000	0.000
				4	0.260	-0.510
				5	0.000	-0.
				6	0.455	0.674
0	0	5	1	4	0.455	-0.674
				5	0.000	-0.
				6	0.546	0.739
0	0	5	2	3	0.304	0.550
				4	0.000	-0.000
				5	0.257	-0.506
				6	0.000	-0.
				7	0.441	0.664
0	0	6	1	5	0.462	-0.679
				6	0.000	-0.
				7	0.539	0.734
0	0	6	2	4	0.315	0.561
				5	0.000	0.
				6	0.255	-0.505
				7	0.000	-0.
				8	0.431	0.656
0	0	7	1	6	0.467	-0.683
				7	0.000	-0.
				8	0.534	0.730
0	0	7	2	5	0.324	0.568
				6	0.000	0.
				7	0.254	-0.503
				8	0.000	-0.
				9	0.424	0.651
0	0	8	1	7	0.471	-0.686
				8	0.000	-0.

KI	KF	II	L	IF	CG**2	CG
				9	0.530	0.728
0	0	8	2	6	0.330	0.574
				7	0.000	0.
				8	0.253	-0.503
				9	0.000	-0.
				10	0.418	0.646
0	0	9	1	8	0.474	-0.688
				9	0.000	-0.
				10	0.527	0.725
0	0	9	2	7	0.335	0.578
				8	0.000	0.
				9	0.253	-0.502
				10	0.000	-0.000
				11	0.414	0.643
0	0	10	1	9	0.477	-0.690
				10	0.000	-0.
				11	0.524	0.724
0	0	10	2	8	0.339	0.582
				9	0.000	0.000
				10	0.252	-0.502
				11	0.000	-0.
				12	0.410	0.640
0	1	0	1	1	1.000	1.000
0	1	0	2	2	1.000	1.000
0	1	1	1	1	0.500	-0.707
				2	0.500	0.707
0	1	1	2	1	0.300	-0.548
				2	0.167	-0.408
				3	0.534	0.730
0	1	2	1	1	0.100	0.316
				2	0.500	-0.707
				3	0.400	0.632
0	1	2	2	1	0.300	0.548
				2	0.072	-0.267
				3	0.200	-0.447
				4	0.429	0.655
0	1	3	1	2	0.143	0.378
				3	0.500	-0.707
				4	0.358	0.598
0	1	3	2	1	0.086	-0.293
				2	0.286	0.535
				3	0.034	-0.183
				4	0.215	-0.463
				5	0.381	0.617
0	1	4	1	3	0.167	0.408
				4	0.500	-0.707
				5	0.334	0.577
0	1	4	2	2	0.127	-0.356
				3	0.278	0.527
				4	0.020	-0.140
				5	0.223	-0.471
				6	0.354	0.595
0	1	5	1	4	0.182	0.426
				5	0.500	-0.707
				6	0.319	0.564
0	1	5	2	3	0.152	-0.389
				4	0.273	0.522
				5	0.013	-0.113

KI	KF	II	L	IF	CG**2	CG
				6	0.228	-0.477
				7	0.336	0.579
0	1	6	1	5	0.193	0.439
				6	0.500	-0.707
				7	0.308	0.555
0	1	6	2	4	0.168	-0.410
				5	0.270	0.519
				6	0.010	-0.095
				7	0.231	-0.480
				8	0.324	0.568
0	1	7	1	6	0.200	0.447
				7	0.500	-0.707
				8	0.300	0.548
0	1	7	2	5	0.180	-0.424
				6	0.267	0.516
				7	0.007	-0.082
				8	0.234	-0.483
				9	0.314	0.560
0	1	8	1	7	0.206	0.454
				8	0.500	-0.707
				9	0.295	0.542
0	1	8	2	6	0.189	-0.434
				7	0.265	0.514
				8	0.006	-0.073
				9	0.236	-0.485
				10	0.307	0.554
0	1	9	1	8	0.211	0.459
				9	0.500	-0.707
				10	0.290	0.538
0	1	9	2	7	0.196	-0.442
				8	0.264	0.513
				9	0.005	-0.065
				10	0.237	-0.487
				11	0.301	0.548
0	1	10	1	9	0.215	0.463
				10	0.500	-0.707
				11	0.286	0.535
0	1	10	2	8	0.201	-0.448
				9	0.262	0.512
				10	0.004	-0.059
				11	0.239	-0.488
				12	0.297	0.544
0	2	0	2	2	1.000	1.000
0	2	1	2	2	0.667	-0.816
				3	0.334	0.577
0	2	2	2	2	0.286	0.535
				3	0.500	-0.707
				4	0.215	0.463
0	2	3	2	2	0.072	-0.267
				3	0.334	0.577
				4	0.429	-0.655
				5	0.167	0.408
0	2	4	2	2	0.008	0.089
				3	0.112	-0.333
				4	0.351	0.592
				5	0.389	-0.624
				6	0.142	0.376
0	2	5	2	3	0.016	0.123

KI	KF	II	L	IF	CG**2	CG
				4	0.137	-0.369
				5	0.359	0.599
				6	0.364	-0.603
				7	0.126	0.355
0	2	6	2	4	0.021	0.145
				5	0.154	-0.392
				6	0.364	0.603
				7	0.347	-0.588
				8	0.116	0.340
0	2	7	2	5	0.026	0.160
				6	0.167	-0.408
				7	0.367	0.605
				8	0.334	-0.577
				9	0.108	0.328
0	2	8	2	6	0.030	0.171
				7	0.177	-0.420
				8	0.369	0.607
				9	0.324	-0.569
				10	0.103	0.320
0	2	9	2	7	0.033	0.180
				8	0.185	-0.429
				9	0.370	0.608
				10	0.316	-0.562
				11	0.098	0.313
0	2	10	2	8	0.036	0.187
				9	0.191	-0.436
				10	0.371	0.609
				11	0.310	-0.556
				12	0.095	0.307
1	0	1	1	0	0.334	0.577
				1	0.500	0.707
				2	0.167	0.408
1	0	1	2	1	0.300	0.548
				2	0.500	0.707
				3	0.200	0.447
1	0	2	1	1	0.300	0.548
				2	0.500	0.707
				3	0.200	0.447
1	0	2	2	0	0.200	-0.447
				1	0.100	-0.316
				2	0.072	0.267
				3	0.400	0.632
				4	0.229	0.478
1	0	3	1	2	0.286	0.535
				3	0.500	0.707
				4	0.215	0.463
1	0	3	2	1	0.229	-0.478
				2	0.143	-0.378
				3	0.034	0.183
				4	0.358	0.598
				5	0.239	0.488
1	0	4	1	3	0.278	0.527
				4	0.500	0.707
				5	0.223	0.471
1	0	4	2	2	0.239	-0.488
				3	0.167	-0.408
				4	0.020	0.140
				5	0.334	0.577

KI	KF	II	L	IF	CG**2	CG
				6	0.243	0.492
1	0	5	1	4	0.273	0.522
				5	0.500	0.707
				6	0.228	0.477
1	0	5	2	3	0.243	-0.492
				4	0.182	-0.426
				5	0.013	0.113
				6	0.319	0.564
				7	0.245	0.495
1	0	6	1	5	0.270	0.519
				6	0.500	0.707
				7	0.231	0.480
1	0	6	2	4	0.245	-0.495
				5	0.193	-0.439
				6	0.010	0.095
				7	0.308	0.555
				8	0.247	0.496
1	0	7	1	6	0.267	0.516
				7	0.500	0.707
				8	0.234	0.483
1	0	7	2	5	0.247	-0.496
				6	0.200	-0.447
				7	0.007	0.082
				8	0.300	0.548
				9	0.248	0.497
1	0	8	1	7	0.265	0.514
				8	0.500	0.707
				9	0.236	0.485
1	0	8	2	6	0.248	-0.497
				7	0.206	-0.454
				8	0.006	0.073
				9	0.295	0.542
				10	0.248	0.498
1	0	9	1	8	0.264	0.513
				9	0.500	0.707
				10	0.237	0.487
1	0	9	2	7	0.248	-0.498
				8	0.211	-0.459
				9	0.005	0.065
				10	0.290	0.538
				11	0.249	0.498
1	0	10	1	9	0.262	0.512
				10	0.500	0.707
				11	0.239	0.488
1	0	10	2	8	0.249	-0.498
				9	0.215	-0.463
				10	0.004	0.059
				11	0.286	0.535
				12	0.249	0.498
1	0	11	1	10	0.261	0.511
				11	0.500	0.707
				12	0.240	0.489
1	0	11	2	9	0.249	-0.498
				10	0.218	-0.466
				11	0.003	0.053
				12	0.283	0.532
				13	0.249	0.499
1	1	1	1	1	0.500	0.707

KI	KF	II	L	IF	CG**2	CG
				2	0.500	0.707
1	1	1	2	1	0.100	0.316
				2	0.500	0.707
				3	0.400	0.632
1	1	2	1	1	0.300	-0.548
				2	0.167	0.408
				3	0.534	0.730
1	1	2	2	1	0.300	-0.548
				2	0.072	-0.267
				3	0.200	0.447
				4	0.429	0.655
1	1	3	1	2	0.381	-0.617
				3	0.084	0.289
				4	0.536	0.732
1	1	3	2	1	0.172	0.414
				2	0.143	-0.378
				3	0.150	-0.387
				4	0.108	0.327
				5	0.429	0.655
1	1	4	1	3	0.417	-0.645
				4	0.050	0.224
				5	0.534	0.730
1	1	4	2	2	0.239	0.488
				3	0.084	-0.289
				4	0.188	-0.433
				5	0.067	0.258
				6	0.425	0.651
1	1	5	1	4	0.437	-0.661
				5	0.034	0.183
				6	0.531	0.728
1	1	5	2	3	0.273	0.522
				4	0.055	-0.234
				5	0.208	-0.456
				6	0.046	0.213
				7	0.420	0.648
1	1	6	1	5	0.449	-0.670
				6	0.024	0.154
				7	0.528	0.726
1	1	6	2	4	0.294	0.542
				5	0.039	-0.196
				6	0.220	-0.468
				7	0.033	0.182
				8	0.416	0.645
1	1	7	1	6	0.458	-0.676
				7	0.018	0.134
				8	0.525	0.725
1	1	7	2	5	0.308	0.555
				6	0.029	-0.169
				7	0.227	-0.476
				8	0.025	0.158
				9	0.412	0.642
1	1	8	1	7	0.464	-0.681
				8	0.014	0.118
				9	0.523	0.723
1	1	8	2	6	0.318	0.564
				7	0.023	-0.149
				8	0.233	-0.482
				9	0.020	0.140

KI	KF	II	L	IF	CG**2	CG
				10	0.409	0.639
1	1	9	1	8	0.468	-0.684
				9	0.012	0.105
				10	0.522	0.722
1	1	9	2	7	0.326	0.570
				8	0.018	-0.132
				9	0.236	-0.485
				10	0.016	0.126
				11	0.407	0.637
1	1	10	1	9	0.472	-0.687
				10	0.010	0.095
				11	0.520	0.721
1	1	10	2	8	0.331	0.575
				9	0.015	-0.120
				10	0.239	-0.488
				11	0.013	0.114
				12	0.404	0.635
1	1	11	1	10	0.475	-0.689
				11	0.008	0.087
				12	0.519	0.720
1	1	11	2	9	0.336	0.579
				10	0.012	-0.109
				11	0.241	-0.490
				12	0.011	0.104
				13	0.402	0.634
1	2	1	1	2	1.000	1.000
1	2	1	2	2	0.334	0.577
				3	0.667	0.816
1	2	2	1	2	0.334	-0.577
				3	0.667	0.816
1	2	2	2	2	0.429	-0.655
				3	0.000	-0.
				4	0.572	0.756
1	2	3	1	2	0.048	0.218
				3	0.417	-0.645
				4	0.536	0.732
1	2	3	2	2	0.215	0.463
				3	0.250	-0.500
				4	0.036	-0.189
				5	0.500	0.707
1	2	4	1	3	0.084	0.289
				4	0.450	-0.671
				5	0.467	0.683
1	2	4	2	2	0.040	-0.199
				3	0.273	0.522
				4	0.158	-0.397
				5	0.078	-0.279
				6	0.453	0.673
1	2	5	1	4	0.110	0.330
				5	0.467	-0.683
				6	0.425	0.651
1	2	5	2	3	0.073	-0.270
				4	0.291	0.539
				5	0.108	-0.328
				6	0.110	-0.330
				7	0.420	0.648
1	2	6	1	5	0.129	0.358
				6	0.477	-0.690

KI	KF	II	L	IF	CG**2	CG
				7	0.396	0.629
1	2	6	2	4	0.098	-0.313
				5	0.297	0.545
				6	0.078	-0.279
				7	0.132	-0.363
				8	0.396	0.629
1	2	7	1	6	0.143	0.378
				7	0.483	-0.694
				8	0.375	0.612
1	2	7	2	5	0.118	-0.342
				6	0.298	0.546
				7	0.059	-0.243
				8	0.149	-0.386
				9	0.378	0.614
1	2	8	1	7	0.155	0.393
				8	0.487	-0.697
				9	0.360	0.600
1	2	8	2	6	0.133	-0.364
				7	0.297	0.545
				8	0.047	-0.215
				9	0.162	-0.402
				10	0.364	0.603
1	2	9	1	8	0.164	0.405
				9	0.489	-0.699
				10	0.348	0.589
1	2	9	2	7	0.145	-0.380
				8	0.295	0.543
				9	0.037	-0.192
				10	0.172	-0.415
				11	0.352	0.593
1	2	10	1	9	0.172	0.414
				10	0.491	-0.701
				11	0.338	0.581
1	2	10	2	8	0.155	-0.393
				9	0.293	0.541
				10	0.031	-0.174
				11	0.181	-0.424
				12	0.343	0.585
1	2	11	1	10	0.178	0.422
				11	0.493	-0.702
				12	0.330	0.574
1	2	11	2	9	0.163	-0.403
				10	0.291	0.539
				11	0.026	-0.159
				12	0.187	-0.432
				13	0.335	0.579
1	3	1	2	3	1.000	1.000
1	3	2	2	3	0.500	-0.707
				4	0.500	0.707
1	3	3	2	3	0.167	0.408
				4	0.500	-0.707
				5	0.334	0.577
1	3	4	2	3	0.034	-0.183
				4	0.246	0.495
				5	0.467	-0.683
				6	0.255	0.505
1	3	5	2	3	0.004	0.055
				4	0.064	-0.252

KI	KF	II	L	IF	CG**2	CG
				5	0.288	0.536
				6	0.437	-0.661
				7	0.210	0.458
1	3	6	2	4	0.007	0.084
				5	0.088	-0.296
				6	0.312	0.558
				7	0.413	-0.642
				8	0.182	0.426
1	3	7	2	5	0.011	0.105
				6	0.108	-0.327
				7	0.328	0.572
				8	0.393	-0.627
				9	0.162	0.402
1	3	8	2	6	0.015	0.121
				7	0.123	-0.350
				8	0.338	0.581
				9	0.378	-0.614
				10	0.148	0.384
1	3	9	2	7	0.019	0.134
				8	0.136	-0.368
				9	0.346	0.587
				10	0.365	-0.604
				11	0.137	0.370
1	3	10	2	8	0.022	0.145
				9	0.146	=0.381
				10	0.351	0.592
				11	0.355	-0.595
				12	0.129	0.358
1	3	11	2	9	0.024	0.154
				10	0.155	-0.393
				11	0.355	0.595
				12	0.346	-0.588
				13	0.122	0.349
2	0	2	2	0	0.200	0.447
				1	0.400	0.632
				2	0.286	0.535
				3	0.100	0.316
				4	0.015	0.120
2	0	3	2	1	0.143	0.378
				2	0.358	0.598
				3	0.334	0.577
				4	0.143	0.378
				5	0.024	0.154
2	0	4	2	2	0.120	0.345
				3	0.334	0.577
				4	0.351	0.592
				5	0.167	0.408
				6	0.031	0.174
2	0	5	2	3	0.107	0.326
				4	0.319	0.564
				5	0.359	0.599
				6	0.182	0.426
				7	0.035	0.187
2	0	6	2	4	0.098	0.313
				5	0.308	0.555
				6	0.364	0.603
				7	0.193	0.439
				8	0.039	0.196

KI	KF	II	L	IF	CG**2	CG
2	0	7	2	5	0.093	0.304
				6	0.300	0.548
				7	0.367	0.605
				8	0.200	0.447
				9	0.042	0.203
2	0	8	2	6	0.089	0.297
				7	0.295	0.542
				8	0.369	0.607
				9	0.206	0.454
				10	0.044	0.208
2	0	9	2	7	0.086	0.292
				8	0.290	0.538
				9	0.370	0.608
				10	0.211	0.459
				11	0.046	0.212
2	0	10	2	8	0.083	0.288
				9	0.286	0.535
				10	0.371	0.609
				11	0.215	0.463
				12	0.047	0.216
2	0	11	2	9	0.081	0.284
				10	0.283	0.532
				11	0.372	0.609
				12	0.218	0.466
				13	0.048	0.219
2	0	12	2	10	0.080	0.281
				11	0.280	0.529
				12	0.372	0.610
				13	0.220	0.469
				14	0.049	0.221
2	1	2	1	1	0.600	0.775
				2	0.334	0.577
				3	0.067	0.258
2	1	2	2	1	0.200	0.447
				2	0.429	0.655
				3	0.300	0.548
				4	0.072	0.267
2	1	3	1	2	0.477	0.690
				3	0.417	0.645
				4	0.108	0.327
2	1	3	2	1	0.286	-0.535
				2	0.000	-0.
				3	0.250	0.500
				4	0.350	0.592
				5	0.115	0.338
2	1	4	1	3	0.417	0.645
				4	0.450	0.671
				5	0.134	0.365
2	1	4	2	2	0.318	-0.563
				3	0.028	-0.167
				4	0.158	0.397
				5	0.356	0.596
				6	0.142	0.376
2	1	5	1	4	0.382	0.618
				5	0.467	0.683
				6	0.152	0.389
2	1	5	2	3	0.319	-0.564
				4	0.064	-0.252

KI	KF	II	L	IF	CG**2	CG
				5	0.108	0.328
				6	0.351	0.592
				7	0.160	0.400
2	1	6	1	5	0.359	0.599
				6	0.477	0.690
				7	0.165	0.406
2	1	6	2	4	0.314	-0.560
				5	0.093	-0.304
				6	0.078	0.279
				7	0.344	0.586
				8	0.174	0.416
2	1	7	1	6	0.343	0.586
				7	0.483	0.694
				8	0.175	0.418
2	1	7	2	5	0.308	-0.555
				6	0.115	-0.338
				7	0.059	0.243
				8	0.337	0.580
				9	0.184	0.428
2	1	8	1	7	0.331	0.575
				8	0.487	0.697
				9	0.184	0.428
2	1	8	2	6	0.303	-0.550
				7	0.132	-0.362
				8	0.047	0.215
				9	0.330	0.574
				10	0.191	0.437
2	1	9	1	8	0.322	0.567
				9	0.489	0.699
				10	0.190	0.435
2	1	9	2	7	0.298	-0.546
				8	0.145	-0.380
				9	0.037	0.192
				10	0.324	0.569
				11	0.197	0.444
2	1	10	1	9	0.315	0.561
				10	0.491	0.701
				11	0.195	0.441
2	1	10	2	8	0.295	-0.542
				9	0.156	-0.394
				10	0.031	0.174
				11	0.319	0.564
				12	0.202	0.449
2	1	11	1	10	0.309	0.555
				11	0.493	0.702
				12	0.200	0.446
2	1	11	2	9	0.291	-0.539
				10	0.165	-0.405
				11	0.026	0.159
				12	0.314	0.560
				13	0.207	0.454
2	1	12	1	11	0.304	0.551
				12	0.494	0.703
				13	0.204	0.451
2	1	12	2	10	0.288	-0.536
				11	0.172	-0.415
				12	0.022	0.146
				13	0.310	0.556

KI	KF	II	L	IF	CG**2	CG
				14	0.210	0.458
2	2	2	1	2	0.667	0.816
				3	0.334	0.577
2	2	2	2	2	0.286	0.535
				3	0.500	0.707
				4	0.215	0.463
2	2	3	1	2	0.239	-0.488
				3	0.334	0.577
				4	0.429	0.655
2	2	3	2	2	0.358	-0.598
				3	0.000	0.000
				4	0.343	0.586
				5	0.300	0.548
2	2	4	1	3	0.334	-0.577
				4	0.200	0.447
				5	0.467	0.683
2	2	4	2	2	0.120	0.345
				3	0.267	-0.516
				4	0.042	-0.204
				5	0.234	0.483
				6	0.340	0.583
2	2	5	1	4	0.382	-0.618
				5	0.134	0.365
				6	0.485	0.696
2	2	5	2	3	0.191	0.437
				4	0.191	-0.437
				5	0.093	-0.304
				6	0.167	0.408
				7	0.360	0.600
2	2	6	1	5	0.411	-0.641
				6	0.096	0.309
				7	0.495	0.703
2	2	6	2	4	0.235	0.485
				5	0.141	-0.375
				6	0.130	-0.360
				7	0.124	0.352
				8	0.371	0.609
2	2	7	1	6	0.429	-0.655
				7	0.072	0.267
				8	0.500	0.707
2	2	7	2	5	0.264	0.514
				6	0.108	-0.327
				7	0.157	-0.396
				8	0.096	0.309
				9	0.378	0.614
2	2	8	1	7	0.442	-0.664
				8	0.056	0.236
				9	0.504	0.709
2	2	8	2	6	0.284	0.533
				7	0.085	-0.290
				8	0.176	-0.419
				9	0.076	0.275
				10	0.382	0.618
2	2	9	1	8	0.451	-0.671
				9	0.045	0.211
				10	0.506	0.711
2	2	9	2	7	0.298	0.546
				8	0.068	-0.260

KI	KF	II	L	IF	CG**2	CG
2	4	6	2	4	0.002	0.037
				5	0.040	-0.199
				6	0.234	0.483
				7	0.454	-0.673
				8	0.272	0.522
2	4	7	2	5	0.004	0.061
				6	0.060	-0.244
				7	0.267	0.516
				8	0.437	-0.661
				9	0.234	0.483
2	4	8	2	6	0.007	0.079
				7	0.078	-0.278
				8	0.290	0.538
				9	0.421	-0.649
				10	0.207	0.455
2	4	9	2	7	0.010	0.095
				8	0.093	-0.303
				9	0.306	0.553
				10	0.407	-0.637
				11	0.187	0.432
2	4	10	2	8	0.012	0.108
				9	0.106	-0.324
				10	0.319	0.564
				11	0.394	-0.628
				12	0.172	0.414
2	4	11	2	9	0.015	0.119
				10	0.117	-0.341
				11	0.328	0.572
				12	0.384	-0.619
				13	0.160	0.399
2	4	12	2	10	0.017	0.129
				11	0.126	-0.355
				12	0.335	0.578
				13	0.374	-0.611
				14	0.150	0.387
3	1	3	2	1	0.429	0.655
				2	0.358	0.598
				3	0.167	0.408
				4	0.043	0.207
				5	0.005	0.069
3	1	4	2	2	0.278	0.527
				3	0.389	0.624
				4	0.246	0.495
				5	0.078	0.279
				6	0.011	0.101
3	1	5	2	3	0.213	0.461
				4	0.382	0.618
				5	0.288	0.536
				6	0.104	0.322
				7	0.015	0.122
3	1	6	2	4	0.177	0.420
				5	0.370	0.608
				6	0.312	0.558
				7	0.124	0.352
				8	0.020	0.139
3	1	7	2	5	0.154	0.392
				6	0.358	0.598
				7	0.328	0.572

KI	KF	II	L	IF	CG**2	CG
				8	0.139	0.373
				9	0.023	0.151
3	1	8	2	6	0.139	0.372
				7	0.347	0.589
				8	0.338	0.581
				9	0.151	0.389
				10	0.027	0.161
3	1	9	2	7	0.128	0.357
				8	0.338	0.581
				9	0.346	0.587
				10	0.161	0.401
				11	0.029	0.169
3	1	10	2	8	0.120	0.346
				9	0.331	0.575
				10	0.351	0.592
				11	0.169	0.411
				12	0.032	0.176
3	1	11	2	9	0.114	0.336
				10	0.324	0.569
				11	0.355	0.595
				12	0.176	0.419
				13	0.034	0.182
3	1	12	2	10	0.108	0.328
				11	0.319	0.564
				12	0.358	0.598
				13	0.182	0.426
				14	0.035	0.187
3	1	13	2	11	0.104	0.322
				12	0.314	0.560
				13	0.361	0.600
				14	0.187	0.432
				15	0.037	0.191
3	2	3	1	2	0.715	0.845
				3	0.250	0.500
				4	0.036	0.189
3	2	3	2	2	0.358	0.598
				3	0.417	0.645
				4	0.193	0.439
				5	0.034	0.183
3	2	4	1	3	0.584	0.764
				4	0.350	0.592
				5	0.067	0.258
3	2	4	2	2	0.278	-0.527
				3	0.039	0.197
				4	0.341	0.584
				5	0.278	0.527
				6	-0.065	0.254
3	2	5	1	4	0.510	0.714
				5	0.400	0.632
				6	0.091	0.302
3	2	5	2	3	0.340	-0.583
				4	0.000	0.000
				5	0.257	0.506
				6	0.315	0.561
				7	0.090	0.300
3	2	6	1	5	0.462	0.679
				6	0.429	0.655
				7	0.110	0.331

KI	KF	II	L	IF	CG**2	CG
3	2	6	2	4	0.353	-0.594
				5	0.014	-0.115
				6	0.195	0.441
				7	0.330	0.574
				8	0.110	0.331
3	2	7	1	6	0.429	0.655
				7	0.447	0.668
				8	0.125	0.354
3	2	7	2	5	0.352	-0.593
				6	0.036	-0.189
				7	0.152	0.389
				8	0.336	0.579
				9	0.126	0.355
3	2	8	1	7	0.405	0.636
				8	0.459	0.677
				9	0.138	0.370
3	2	8	2	6	0.347	-0.589
				7	0.058	-0.240
				8	0.121	0.347
				9	0.337	0.580
				10	0.139	0.372
3	2	9	1	8	0.386	0.621
				9	0.467	0.683
				10	0.148	0.384
3	2	9	2	7	0.341	-0.584
				8	0.078	-0.278
				9	0.099	0.313
				10	0.335	0.579
				11	0.150	0.386
3	2	10	1	9	0.372	0.609
				10	0.473	0.688
				11	0.156	0.395
3	2	10	2	8	0.335	-0.578
				9	0.094	-0.306
				10	0.082	0.285
				11	0.333	0.577
				12	0.159	0.398
3	2	11	1	10	0.360	0.600
				11	0.478	0.691
				12	0.164	0.404
3	2	11	2	9	0.329	-0.573
				10	0.108	-0.328
				11	0.069	0.261
				12	0.330	0.574
				13	0.166	0.407
3	2	12	1	11	0.350	0.592
				12	0.481	0.693
				13	0.170	0.411
3	2	12	2	10	0.324	-0.569
				11	0.120	-0.346
				12	0.059	0.241
				13	0.327	0.571
				14	0.172	0.415
3	2	13	1	12	0.342	0.585
				13	0.484	0.695
				14	0.175	0.418
3	2	13	2	11	0.320	-0.565
				12	0.131	-0.361

KI	KF	II	L	IF	CG**2	CG
				13	0.051	0.224
				14	0.324	0.569
				15	0.178	0.421
3	3	3	1	3	0.750	0.866
				4	0.250	0.500
3	3	3	2	3	0.417	0.645
				4	0.450	0.671
				5	0.134	0.365
3	3	4	1	3	0.195	-0.441
				4	0.450	0.671
				5	0.356	0.596
3	3	4	2	3	0.350	-0.592
				4	0.032	0.178
				5	0.400	0.632
				6	0.219	0.467
3	3	5	1	4	0.291	-0.539
				5	0.300	0.548
				6	0.410	0.640
3	3	5	2	3	0.085	0.291
				4	0.328	-0.572
				5	0.003	-0.051
				6	0.316	0.562
				7	0.270	0.519
3	3	6	1	5	0.347	-0.588
				6	0.215	0.463
				7	0.440	0.663
3	3	6	2	4	0.152	0.389
				5	0.268	-0.517
				6	0.033	-0.180
				7	0.248	0.497
				8	0.303	0.550
3	3	7	1	6	0.381	-0.617
				7	0.161	0.401
				8	0.459	0.677
3	3	7	2	5	0.198	0.445
				6	0.215	-0.463
				7	0.068	-0.261
				8	0.197	0.443
				9	0.324	0.569
3	3	8	1	7	0.405	-0.636
				8	0.125	0.354
				9	0.471	0.686
3	3	8	2	6	0.232	0.481
				7	0.174	-0.416
				8	0.099	-0.314
				9	0.159	0.399
				10	0.339	0.581
3	3	9	1	8	0.422	-0.649
				9	0.100	0.316
				10	0.479	0.692
3	3	9	2	7	0.256	0.505
				8	0.143	-0.377
				9	0.124	-0.351
				10	0.131	0.361
				11	0.349	0.590
3	3	10	1	9	0.434	-0.658
				10	0.082	0.286
				11	0.485	0.696

KI	KF	II	L	IF	CG**2	CG
3	3	10	2	8	0.274	0.523
				9	0.119	-0.344
				10	0.144	-0.379
				11	0.110	0.330
				12	0.356	0.596
3	3	11	1	10	0.443	-0.665
				11	0.069	0.261
				12	0.490	0.699
3	3	11	2	9	0.288	0.536
				10	0.100	-0.316
				11	0.160	-0.399
				12	0.093	0.304
				13	0.362	0.601
3	3	12	1	11	0.450	-0.671
				12	0.058	0.240
				13	0.493	0.702
3	3	12	2	10	0.299	0.547
				11	0.085	-0.291
				12	0.172	-0.414
				13	0.080	0.281
				14	0.366	0.604
3	3	13	1	12	0.456	-0.675
				13	0.050	0.222
				14	0.495	0.703
3	3	13	2	11	0.308	0.555
				12	0.074	-0.271
				13	0.183	-0.427
				14	0.069	0.262
				15	0.369	0.607
3	4	3	1	4	1.000	1.000
3	4	3	2	4	0.600	0.775
				5	0.400	0.632
3	4	4	1	4	0.200	-0.447
				5	0.800	0.894
3	4	4	2	4	0.382	-0.618
				5	0.134	0.365
				6	0.485	0.696
3	4	5	1	4	0.019	0.135
				5	0.300	-0.548
				6	0.682	0.826
3	4	5	2	4	0.110	0.330
				5	0.377	-0.614
				6	0.020	0.140
				7	0.495	0.703
3	4	6	1	5	0.039	0.196
				6	0.358	-0.598
				7	0.605	0.777
3	4	6	2	4	0.013	-0.112
				5	0.186	0.431
				6	0.319	-0.564
				7	0.000	0.000
				8	0.484	0.695
3	4	7	1	6	0.058	0.239
				7	0.393	-0.627
				8	0.550	0.742
3	4	7	2	5	0.030	-0.171
				6	0.234	0.483
				7	0.262	-0.511

KI	KF	II	L	IF	CG**2	CG
				8	0.009	-0.093
				9	0.468	0.684
3	4	8	1	7	0.074	0.271
				8	0.417	-0.645
				9	0.510	0.714
3	4	8	2	6	0.047	-0.215
				7	0.263	0.512
				8	0.215	-0.464
				9	0.026	-0.160
				10	0.451	0.671
3	4	9	1	8	0.088	0.296
				9	0.434	-0.658
				10	0.479	0.692
3	4	9	2	7	0.062	-0.249
				8	0.281	0.530
				9	0.179	-0.422
				10	0.044	-0.209
				11	0.436	0.660
3	4	10	1	9	0.100	0.316
				10	0.446	-0.667
				11	0.455	0.674
3	4	10	2	8	0.077	-0.276
				9	0.292	0.540
				10	0.150	-0.387
				11	0.061	-0.246
				12	0.422	0.649
3	4	11	1	10	0.111	0.333
				11	0.455	-0.674
				12	0.435	0.659
3	4	11	2	9	0.089	-0.298
				10	0.299	0.547
				11	0.128	-0.357
				12	0.077	-0.276
				13	0.410	0.640
3	4	12	1	11	0.120	0.346
				12	0.462	-0.679
				13	0.419	0.647
3	4	12	2	10	0.100	-0.316
				11	0.303	0.550
				12	0.110	-0.331
				13	0.090	-0.299
				14	0.399	0.631
3	4	13	1	12	0.129	0.358
				13	0.468	-0.683
				14	0.405	0.636
3	4	13	2	11	0.110	-0.331
				12	0.306	0.552
				13	0.095	-0.308
				14	0.102	-0.319
				15	0.389	0.624
3	5	3	2	5	1.000	1.000
3	5	4	2	5	0.334	-0.577
				6	0.667	0.816
3	5	5	2	5	0.077	0.277
				6	0.429	-0.655
				7	0.495	0.703
3	5	6	2	5	0.011	-0.105
				6	0.143	0.378

KI	KF	II	L	IF	CG**2	CG
				7	0.454	-0.673
				8	0.393	0.627
3	5	7	2	5	0.001	0.027
				6	0.027	-0.162
				7	0.192	0.438
				8	0.454	-0.674
				9	0.328	0.572
3	5	8	2	6	0.003	0.046
				7	0.043	-0.205
				8	0.229	0.478
				9	0.447	-0.668
				10	0.282	0.531
3	5	9	2	7	0.004	0.062
				8	0.058	-0.239
				9	0.255	0.505
				10	0.436	-0.660
				11	0.249	0.499
3	5	10	2	8	0.006	0.076
				9	0.071	-0.266
				10	0.276	0.525
				11	0.425	-0.651
				12	0.224	0.473
3	5	11	2	9	0.008	0.089
				10	0.084	-0.288
				11	0.291	0.539
				12	0.414	-0.643
				13	0.205	0.452
3	5	12	2	10	0.010	0.100
				11	0.094	-0.307
				12	0.304	0.551
				13	0.404	-0.635
				14	0.190	0.435
3	5	13	2	11	0.012	0.109
				12	0.104	-0.322
				13	0.314	0.560
				14	0.395	-0.628
				15	0.177	0.420
4	2	4	2	2	0.556	0.745
				3	0.312	0.558
				4	0.110	0.330
				5	0.023	0.149
				6	0.003	0.045
4	2	5	2	3	0.382	0.618
				4	0.382	0.618
				5	0.185	0.430
				6	0.047	0.216
				7	0.005	0.071
4	2	6	2	4	0.294	0.542
				5	0.396	0.629
				6	0.234	0.483
				7	0.069	0.262
				8	0.009	0.091
4	2	7	2	5	0.242	0.492
				6	0.393	0.627
				7	0.267	0.516
				8	0.088	0.295
				9	0.012	0.107
4	2	8	2	6	0.208	0.456

KI	KF	II	L	IF	CG**2	CG
				7	0.386	0.621
				8	0.290	0.538
				9	0.103	0.321
				10	0.015	0.120
4	2	9	2	7	0.185	0.429
				8	0.377	0.613
				9	0.306	0.553
				10	0.117	0.341
				11	0.018	0.131
4	2	10	2	8	0.168	0.409
				9	0.368	0.606
				10	0.319	0.564
				11	0.128	0.357
				12	0.020	0.141
4	2	11	2	9	0.155	0.393
				10	0.360	0.600
				11	0.328	0.572
				12	0.137	0.370
				13	0.023	0.149
4	2	12	2	10	0.144	0.379
				11	0.353	0.594
				12	0.335	0.578
				13	0.146	0.381
				14	0.025	0.155
4	2	13	2	11	0.136	0.368
				12	0.346	0.588
				13	0.341	0.583
				14	0.153	0.390
				15	0.027	0.162
4	2	14	2	12	0.129	0.359
				13	0.341	0.583
				14	0.345	0.587
				15	0.159	0.398
				16	0.028	0.167
4	3	4	1	3	0.778	0.882
				4	0.200	0.447
				5	0.023	0.149
4	3	4	2	3	0.467	0.683
				4	0.382	0.618
				5	0.134	0.365
				6	0.019	0.135
4	3	5	1	4	0.655	0.809
				5	0.300	0.548
				6	0.046	0.213
4	3	5	2	3	0.255	-0.505
				4	0.110	0.330
				5	0.377	0.614
				6	0.220	0.468
				7	0.040	0.200
4	3	6	1	5	0.577	0.760
				6	0.358	0.598
				7	0.066	0.257
4	3	6	2	4	0.336	-0.579
				5	0.017	0.128
				6	0.319	0.564
				7	0.270	0.519
				8	0.061	0.246
4	3	7	1	6	0.524	0.724

KI	KF	II	L	IF	CG**2	CG
				7	0.393	0.627
				8	0.084	0.289
4	3	7	2	5	0.363	-0.602
				6	0.000	0.000
				7	0.262	0.511
				8	0.298	0.546
				9	0.079	0.280
4	3	8	1	7	0.486	0.697
				8	0.417	0.645
				9	0.099	0.313
4	3	8	2	6	0.370	-0.608
				7	0.008	-0.088
				8	0.215	0.464
				9	0.314	0.560
				10	0.094	0.306
4	3	9	1	8	0.457	0.675
				9	0.434	0.658
				10	0.111	0.332
4	3	9	2	7	0.369	-0.607
				8	0.023	-0.151
				9	0.179	0.422
				10	0.323	0.568
				11	0.108	0.327
4	3	10	1	9	0.434	0.658
				10	0.446	0.667
				11	0.122	0.348
4	3	10	2	8	0.365	-0.604
				9	0.040	-0.198
				10	0.150	0.387
				11	0.328	0.572
				12	0.119	0.344
4	3	11	1	10	0.416	0.644
				11	0.455	0.674
				12	0.131	0.361
4	3	11	2	9	0.360	-0.600
				10	0.056	-0.235
				11	0.128	0.357
				12	0.330	0.574
				13	0.129	0.358
4	3	12	1	11	0.400	0.632
				12	0.462	0.679
				13	0.139	0.372
4	3	12	2	10	0.355	-0.595
				11	0.070	-0.264
				12	0.110	0.331
				13	0.330	0.574
				14	0.137	0.370
4	3	13	1	12	0.388	0.622
				13	0.468	0.683
				14	0.146	0.381
4	3	13	2	11	0.349	-0.591
				12	0.084	-0.288
				13	0.095	0.308
				14	0.330	0.574
				15	0.145	0.380
4	3	14	1	13	0.377	0.614
				14	0.472	0.687
				15	0.152	0.390

KI	KF	II	L	IF	CG**2	CG
4	3	14	2	12	0.344	-0.586
				13	0.095	-0.308
				14	0.083	0.288
				15	0.328	0.573
				16	0.152	0.389
4	4	4	1	4	0.800	0.894
				5	0.200	0.447
4	4	4	2	4	0.510	0.714
				5	0.400	0.632
				6	0.091	0.302
4	4	5	1	4	0.164	-0.405
				5	0.534	0.730
				6	0.304	0.550
4	4	5	2	4	0.328	-0.572
				5	0.093	0.304
				6	0.416	0.645
				7	0.165	0.406
4	4	6	1	5	0.257	-0.506
				6	0.381	0.617
				7	0.363	0.602
4	4	6	2	4	0.063	0.251
				5	0.352	-0.593
				6	0.006	0.072
				7	0.363	0.602
				8	0.218	0.466
4	4	7	1	6	0.315	-0.561
				7	0.286	0.535
				8	0.400	0.632
4	4	7	2	5	0.121	0.348
				6	0.315	-0.561
				7	0.006	-0.072
				8	0.305	0.552
				9	0.255	0.505
4	4	8	1	7	0.353	-0.594
				8	0.223	0.471
				9	0.425	0.652
4	4	8	2	6	0.167	0.408
				7	0.269	-0.519
				8	0.029	-0.168
				9	0.255	0.505
				10	0.282	0.531
4	4	9	1	8	0.381	-0.617
				9	0.178	0.422
				10	0.443	0.665
4	4	9	2	7	0.202	0.449
				8	0.229	-0.478
				9	0.055	-0.234
				10	0.215	0.463
				11	0.302	0.549
4	4	10	1	9	0.400	-0.632
				10	0.146	0.381
				11	0.455	0.674
4	4	10	2	8	0.229	0.478
				9	0.194	-0.440
				10	0.080	-0.283
				11	0.182	0.426
				12	0.317	0.562
4	4	11	1	10	0.416	-0.644

KI	KF	II	L	IF	CG**2	CG
				11	0.122	0.348
				12	0.464	0.681
4	4	11	2	9	0.250	0.499
				10	0.167	-0.407
				11	0.102	-0.319
				12	0.156	0.395
				13	0.328	0.572
4	4	12	1	11	0.427	-0.653
				12	0.103	0.320
				13	0.471	0.686
4	4	12	2	10	0.266	0.515
				11	0.144	-0.378
				12	0.121	-0.347
				13	0.135	0.367
				14	0.337	0.580
4	4	13	1	12	0.436	-0.660
				13	0.088	0.296
				14	0.477	0.690
4	4	13	2	11	0.279	0.528
				12	0.125	-0.353
				13	0.137	-0.369
				14	0.118	0.342
				15	0.344	0.586
4	4	14	1	13	0.444	-0.666
				14	0.077	0.276
				15	0.481	0.693
4	4	14	2	12	0.290	0.538
				13	0.110	-0.330
				14	0.150	-0.386
				15	0.103	0.321
				16	0.349	0.591
4	5	4	1	5	1.000	1.000
4	5	4	2	5	0.667	0.816
				6	0.334	0.577
4	5	5	1	5	0.167	-0.408
				6	0.834	0.913
4	5	5	2	5	0.347	-0.588
				6	0.215	0.463
				7	0.440	0.663
4	5	6	1	5	0.013	0.113
				6	0.262	-0.512
				7	0.726	0.852
4	5	6	2	5	0.083	0.287
				6	0.386	-0.621
				7	0.061	0.246
				8	0.472	0.687
4	5	7	1	6	0.029	0.169
				7	0.322	-0.567
				8	0.650	0.806
4	5	7	2	5	0.009	-0.090
				6	0.153	0.390
				7	0.354	-0.594
				8	0.011	0.102
				9	0.476	0.690
4	5	8	1	7	0.045	0.210
				8	0.362	-0.601
				9	0.595	0.771
4	5	8	2	6	0.021	-0.142

KI	KF	II	L	IF	CG**2	CG
				7	0.203	0.450
				8	0.308	-0.555
				9	0.000	-0.000
				10	0.470	0.685
4	5	9	1	8	0.059	0.242
				9	0.389	-0.624
				10	0.553	0.743
4	5	9	2	7	0.034	-0.183
				8	0.237	0.487
				9	0.265	-0.514
				10	0.006	-0.075
				11	0.460	0.678
4	5	10	1	9	0.072	0.267
				10	0.410	-0.640
				11	0.520	0.721
4	5	10	2	8	0.047	-0.216
				9	0.261	0.510
				10	0.228	-0.477
				11	0.018	-0.132
				12	0.448	0.669
4	5	11	1	10	0.084	0.288
				11	0.425	-0.651
				12	0.493	0.702
4	5	11	2	9	0.060	-0.243
				10	0.277	0.526
				11	0.197	-0.443
				12	0.032	-0.176
				13	0.437	0.661
4	5	12	1	11	0.094	0.306
				12	0.436	-0.660
				13	0.471	0.686
4	5	12	2	10	0.071	-0.266
				11	0.288	0.536
				12	0.171	-0.413
				13	0.045	-0.212
				14	0.426	0.653
4	5	13	1	12	0.103	0.320
				13	0.446	-0.667
				14	0.453	0.673
4	5	13	2	11	0.082	-0.285
				12	0.296	0.544
				13	0.150	-0.386
				14	0.058	-0.241
				15	0.416	0.645
4	5	14	1	13	0.111	0.333
				14	0.453	-0.673
				15	0.437	0.661
4	5	14	2	12	0.091	-0.302
				13	0.301	0.548
				14	0.132	-0.362
				15	0.071	-0.265
				16	0.407	0.638
4	6	4	2	6	1.000	1.000
4	6	5	2	6	0.286	-0.535
				7	0.715	0.845
4	6	6	2	6	0.058	0.239
				7	0.393	-0.627
				8	0.550	0.742

KI	KF	II	L	IF	CG**2	CG
4	6	7	2	6	0.008	-0.085
				7	0.114	0.337
				8	0.434	-0.658
				9	0.447	0.668
4	6	8	2	6	0.001	0.020
				7	0.019	-0.135
				8	0.160	0.400
				9	0.447	-0.668
				10	0.376	0.613
4	6	9	2	7	0.002	0.036
				8	0.031	-0.175
				9	0.197	0.443
				10	0.447	-0.668
				11	0.326	0.570
4	6	10	2	8	0.003	0.050
				9	0.044	-0.208
				10	0.225	0.474
				11	0.442	-0.664
				12	0.288	0.537
4	6	11	2	9	0.004	0.063
				10	0.056	-0.235
				11	0.248	0.497
				12	0.435	-0.659
				13	0.260	0.509
4	6	12	2	10	0.006	0.074
				11	0.067	-0.258
				12	0.266	0.515
				13	0.426	-0.653
				14	0.237	0.486
4	6	13	2	11	0.008	0.085
				12	0.077	-0.277
				13	0.280	0.529
				14	0.418	-0.646
				15	0.219	0.467
4	6	14	2	12	0.009	0.094
				13	0.087	-0.294
				14	0.292	0.540
				15	0.410	-0.640
				16	0.204	0.451
5	3	5	2	3	0.637	0.798
				4	0.273	0.522
				5	0.077	0.277
				6	0.013	0.114
				7	0.001	0.032
5	3	6	2	4	0.462	0.679
				5	0.363	0.602
				6	0.143	0.378
				7	0.031	0.174
				8	0.003	0.052
5	3	7	2	5	0.363	0.602
				6	0.393	0.627
				7	0.192	0.438
				8	0.048	0.218
				9	0.005	0.070
5	3	8	2	6	0.301	0.548
				7	0.401	0.633
				8	0.229	0.478
				9	0.064	0.252

KI	KF	II	L	IF	CG**2	CG
				10	0.008	0.085
5	3	9	2	7	0.259	0.508
				8	0.400	0.632
				9	0.255	0.505
				10	0.079	0.280
				11	0.010	0.098
5	3	10	2	8	0.229	0.478
				9	0.394	0.628
				10	0.276	0.525
				11	0.091	0.302
				12	0.012	0.109
5	3	11	2	9	0.206	0.453
				10	0.388	0.622
				11	0.291	0.539
				12	0.103	0.320
				13	0.015	0.119
5	3	12	2	10	0.189	0.434
				11	0.381	0.617
				12	0.304	0.551
				13	0.113	0.335
				14	0.017	0.127
5	3	13	2	11	0.175	0.418
				12	0.374	0.611
				13	0.314	0.560
				14	0.121	0.348
				15	0.019	0.134
5	3	14	2	12	0.164	0.404
				13	0.368	0.606
				14	0.322	0.567
				15	0.129	0.359
				16	0.020	0.141
5	3	15	2	13	0.154	0.392
				14	0.362	0.601
				15	0.328	0.572
				16	0.136	0.368
				17	0.022	0.147
5	4	5	1	4	0.819	0.905
				5	0.167	0.408
				6	0.016	0.123
5	4	5	2	4	0.546	0.739
				5	0.347	0.588
				6	0.098	0.312
				7	0.011	0.105
5	4	6	1	5	0.706	0.840
				6	0.262	0.512
				7	0.033	0.182
5	4	6	2	4	0.231	-0.480
				5	0.182	0.426
				6	0.386	0.621
				7	0.176	0.419
				8	0.027	0.162
5	4	7	1	6	0.629	0.793
				7	0.322	0.567
				8	0.050	0.224
5	4	7	2	5	0.323	-0.568
				6	0.053	0.229
				7	0.354	0.594
				8	0.230	0.479

KI	KF	II	L	IF	CG**2	CG
				9	0.043	0.206
5	4	8	1	7	0.574	0.757
				8	0.362	0.601
				9	0.066	0.256
5	4	8	2	6	0.361	-0.600
				7	0.010	0.095
				8	0.308	0.555
				9	0.265	0.514
				10	0.058	0.240
5	4	9	1	8	0.533	0.729
				9	0.389	0.624
				10	0.079	0.281
5	4	9	2	7	0.376	-0.613
				8	0.000	-0.000
				9	0.265	0.514
				10	0.288	0.537
				11	0.072	0.268
5	4	10	1	9	0.500	0.707
				10	0.410	0.640
				11	0.091	0.302
5	4	10	2	8	0.381	-0.617
				9	0.006	-0.071
				10	0.228	0.477
				11	0.304	0.550
				12	0.085	0.290
5	4	11	1	10	0.475	0.689
				11	0.425	0.651
				12	0.102	0.319
5	4	11	2	9	0.380	-0.616
				10	0.016	-0.126
				11	0.197	0.443
				12	0.313	0.559
				13	0.096	0.309
5	4	12	1	11	0.454	0.673
				12	0.436	0.660
				13	0.111	0.333
5	4	12	2	10	0.377	-0.613
				11	0.029	-0.169
				12	0.171	0.413
				13	0.320	0.565
				14	0.106	0.325
5	4	13	1	12	0.436	0.660
				13	0.446	0.667
				14	0.120	0.345
5	4	13	2	11	0.372	-0.610
				12	0.042	-0.204
				13	0.150	0.386
				14	0.323	0.568
				15	0.115	0.338
5	4	14	1	13	0.422	0.649
				14	0.453	0.673
				15	0.127	0.356
5	4	14	2	12	0.368	-0.606
				13	0.054	-0.232
				14	0.132	0.362
				15	0.326	0.570
				16	0.123	0.350
5	4	15	1	14	0.409	0.639

KI	KF	II	L	IF	CG**2	CG
				15	0.459	0.677
				16	0.134	0.365
5	4	15	2	13	0.363	-0.602
				14	0.066	-0.256
				15	0.117	0.341
				16	0.327	0.571
				17	0.130	0.360
5	5	5	1	5	0.834	0.913
				6	0.167	0.408
5	5	5	2	5	0.577	0.760
				6	0.358	0.598
				7	0.066	0.257
5	5	6	1	5	0.142	-0.376
				6	0.596	0.772
				7	0.264	0.514
5	5	6	2	5	0.303	-0.550
				6	0.158	0.396
				7	0.413	0.642
				8	0.129	0.359
5	5	7	1	6	0.229	-0.478
				7	0.447	0.668
				8	0.325	0.570
5	5	7	2	5	0.049	0.220
				6	0.358	-0.598
				7	0.030	0.171
				8	0.387	0.622
				9	0.179	0.422
5	5	8	1	7	0.287	-0.536
				8	0.348	0.589
				9	0.367	0.605
5	5	8	2	6	0.099	0.314
				7	0.342	-0.584
				8	0.001	0.021
				9	0.344	0.586
				10	0.217	0.466
5	5	9	1	8	0.328	-0.572
				9	0.278	0.527
				10	0.395	0.628
5	5	9	2	7	0.141	0.375
				8	0.308	-0.554
				9	0.008	-0.084
				10	0.300	0.547
				11	0.247	0.496
5	5	10	1	9	0.358	-0.598
				10	0.228	0.477
				11	0.416	0.645
5	5	10	2	8	0.176	0.419
				9	0.271	-0.520
				10	0.026	-0.160
				11	0.260	0.510
				12	0.269	0.518
5	5	11	1	10	0.380	-0.616
				11	0.190	0.435
				12	0.432	0.657
5	5	11	2	9	0.204	0.451
				10	0.238	-0.487
				11	0.047	-0.217
				12	0.227	0.476

KI	KF	II	L	IF	CG**2	CG
				13	0.287	0.535
5	5	12	1	11	0.397	-0.630
				12	0.161	0.400
				13	0.444	0.666
5	5	12	2	10	0.226	0.475
				11	0.209	-0.456
				12	0.068	-0.260
				13	0.198	0.445
				14	0.301	0.548
5	5	13	1	12	0.411	-0.641
				13	0.138	0.371
				14	0.453	0.673
5	5	13	2	11	0.245	0.494
				12	0.184	-0.428
				13	0.087	-0.295
				14	0.174	0.417
				15	0.312	0.559
5	5	14	1	13	0.422	-0.649
				14	0.120	0.345
				15	0.460	0.678
5	5	14	2	12	0.260	0.509
				13	0.162	-0.402
				14	0.104	-0.322
				15	0.154	0.392
				16	0.322	0.567
5	5	15	1	14	0.431	-0.656
				15	0.105	0.323
				16	0.466	0.682
5	5	15	2	13	0.272	0.521
				14	0.145	-0.379
				15	0.119	-0.344
				16	0.137	0.370
				17	0.329	0.573
5	6	5	1	6	1.000	1.000
5	6	5	2	6	0.715	0.845
				7	0.286	0.535
5	6	6	1	6	0.143	-0.378
				7	0.858	0.926
5	6	6	2	6	0.315	-0.561
				7	0.286	0.535
				8	0.400	0.632
5	6	7	1	6	0.010	0.098
				7	0.233	-0.482
				8	0.759	0.871
5	6	7	2	6	0.065	0.254
				7	0.382	-0.617
				8	0.109	0.329
				9	0.447	0.668
5	6	8	1	7	0.023	0.149
				8	0.292	-0.540
				9	0.687	0.828
5	6	8	2	6	0.006	-0.074
				7	0.127	0.356
				8	0.372	-0.610
				9	0.035	0.185
				10	0.463	0.680
5	6	9	1	8	0.036	0.187
				9	0.334	-0.577

KI	KF	II	L	IF	CG**2	CG
				10	0.632	0.795
5	6	9	2	7	0.015	-0.120
				8	0.176	0.419
				9	0.339	-0.582
				10	0.007	0.080
				11	0.465	0.682
5	6	10	1	9	0.048	0.218
				10	0.364	-0.603
				11	0.589	0.767
5	6	10	2	8	0.026	-0.158
				9	0.213	0.461
				10	0.303	-0.550
				11	0.000	0.000
				12	0.461	0.679
5	6	11	1	10	0.060	0.243
				11	0.387	-0.622
				12	0.555	0.745
5	6	11	2	9	0.037	-0.190
				10	0.240	0.489
				11	0.268	-0.517
				12	0.004	-0.062
				13	0.454	0.674
5	6	12	1	11	0.070	0.265
				12	0.404	-0.635
				13	0.527	0.725
5	6	12	2	10	0.048	-0.217
				11	0.259	0.509
				12	0.237	-0.486
				13	0.013	-0.112
				14	0.446	0.667
5	6	13	1	12	0.080	0.282
				13	0.418	-0.646
				14	0.503	0.709
5	6	13	2	11	0.058	-0.240
				12	0.274	0.523
				13	0.210	-0.457
				14	0.024	-0.152
				15	0.437	0.661
5	6	14	1	13	0.089	0.298
				14	0.429	-0.655
				15	0.483	0.695
5	6	14	2	12	0.068	-0.259
				13	0.285	0.533
				14	0.186	-0.431
				15	0.035	-0.186
				16	0.429	0.654
5	6	15	1	14	0.097	0.311
				15	0.438	-0.661
				16	0.466	0.682
5	6	15	2	13	0.077	-0.276
				14	0.293	0.540
				15	0.166	-0.407
				16	0.046	-0.214
				17	0.421	0.648
6	4	6	2	4	0.693	0.832
				5	0.242	0.492
				6	0.058	0.239
				7	0.009	0.091

KI	KF	II	L	IF	CG**2	CG
				8	0.001	0.023
6	4	7	2	5	0.524	0.724
				6	0.341	0.584
				7	0.114	0.337
				8	0.021	0.144
				9	0.002	0.040
6	4	8	2	6	0.421	0.649
				7	0.383	0.618
				8	0.160	0.400
				9	0.035	0.185
				10	0.004	0.056
6	4	9	2	7	0.353	0.593
				8	0.400	0.632
				9	0.197	0.443
				10	0.048	0.219
				11	0.005	0.069
6	4	10	2	8	0.305	0.551
				9	0.405	0.636
				10	0.225	0.474
				11	0.061	0.246
				12	0.007	0.081
6	4	11	2	9	0.269	0.518
				10	0.404	0.635
				11	0.248	0.497
				12	0.073	0.269
				13	0.009	0.092
6	4	12	2	10	0.242	0.492
				11	0.400	0.632
				12	0.266	0.515
				13	0.084	0.288
				14	0.011	0.101
6	4	13	2	11	0.221	0.470
				12	0.395	0.628
				13	0.280	0.529
				14	0.093	0.305
				15	0.013	0.110
6	4	14	2	12	0.204	0.452
				13	0.389	0.624
				14	0.292	0.540
				15	0.102	0.319
				16	0.014	0.117
6	4	15	2	13	0.191	0.436
				14	0.384	0.619
				15	0.302	0.549
				16	0.110	0.331
				17	0.016	0.124
6	4	16	2	14	0.179	0.423
				15	0.378	0.614
				16	0.310	0.557
				17	0.117	0.342
				18	0.017	0.130
6	5	6	1	5	0.847	0.920
				6	0.143	0.378
				7	0.011	0.105
6	5	6	2	5	0.605	0.777
				6	0.315	0.561
				7	0.075	0.272
				8	0.008	0.085

KI	KF	II	L	IF	CG**2	CG
6	5	7	1	6	0.743	0.862
				7	0.233	0.482
				8	0.025	0.158
6	5	7	2	5	0.210	-0.458
				6	0.248	0.498
				7	0.382	0.617
				8	0.144	0.378
				9	0.019	0.135
6	5	8	1	7	0.670	0.818
				8	0.292	0.540
				9	0.040	0.198
6	5	8	2	6	0.306	-0.553
				7	0.096	0.309
				8	0.372	0.610
				9	0.197	0.443
				10	0.031	0.176
6	5	9	1	8	0.615	0.784
				9	0.334	0.577
				10	0.053	0.229
6	5	9	2	7	0.353	-0.593
				8	0.031	0.175
				9	0.339	0.582
				10	0.235	0.484
				11	0.044	0.209
6	5	10	1	9	0.572	0.756
				10	0.364	0.603
				11	0.065	0.255
6	5	10	2	8	0.375	-0.612
				9	0.006	0.076
				10	0.303	0.550
				11	0.262	0.512
				12	0.056	0.237
6	5	11	1	10	0.538	0.733
				11	0.387	0.622
				12	0.077	0.276
6	5	11	2	9	0.384	-0.620
				10	0.000	0.000
				11	0.268	0.517
				12	0.282	0.531
				13	0.068	0.260
6	5	12	1	11	0.510	0.714
				12	0.404	0.635
				13	0.087	0.294
6	5	12	2	10	0.388	-0.622
				11	0.004	-0.060
				12	0.237	0.486
				13	0.296	0.543
				14	0.078	0.279
6	5	13	1	12	0.488	0.698
				13	0.418	0.646
				14	0.096	0.309
6	5	13	2	11	0.387	-0.622
				12	0.012	-0.108
				13	0.210	0.457
				14	0.306	0.552
				15	0.088	0.296
6	5	14	1	13	0.468	0.684
				14	0.429	0.655

KI	KF	II	L	IF	CG**2	CG
				15	0.104	0.322
6	5	14	2	12	0.384	-0.620
				13	0.022	-0.147
				14	0.186	0.431
				15	0.313	0.559
				16	0.097	0.310
6	5	15	1	14	0.452	0.672
				15	0.438	0.661
				16	0.111	0.333
6	5	15	2	13	0.381	-0.617
				14	0.033	-0.180
				15	0.166	0.407
				16	0.318	0.563
				17	0.105	0.323
6	5	16	1	15.	0.438	0.661
				16	0.445	0.667
				17	0.118	0.343
6	5	16	2	14	0.377	-0.613
				15	0.043	-0.207
				16	0.149	0.386
				17	0.321	0.566
				18	0.112	0.334
6	6	6	1	6	0.858	0.926
				7	0.143	0.378
6	6	6	2	6	0.629	0.793
				7	0.322	0.567
				8	0.050	0.224
6	6	7	1	6	0.124	-0.352
				7	0.643	0.802
				8	0.234	0.483
6	6	7	2	6	0.279	-0.528
				7	0.219	0.467
				8	0.400	0.632
				9	0.103	0.321
6	6	8	1	7	0.206	-0.454
				8	0.500	0.707
				9	0.295	0.542
6	6	8	2	6	0.039	0.196
				7	0.353	-0.594
				8	0.064	0.251
				9	0.398	0.630
				10	0.149	0.385
6	6	9	1	8	0.264	-0.513
				9	0.400	0.632
				10	0.337	0.580
6	6	9	2	7	0.082	0.285
				8	0.356	-0.596
				9	0.011	0.100
				10	0.368	0.606
				11	0.186	0.431
6	6	10	1	9	0.305	-0.552
				10	0.328	0.572
				11	0.368	0.607
6	6	10	2	8	0.121	0.347
				9	0.333	-0.577
				10	0.001	-0.009
				11	0.332	0.575
				12	0.216	0.465

KI	KF	II	L	IF	CG**2	CG
6	6	11	1	10	0.336	-0.580
				11	0.273	0.522
				12	0.392	0.626
6	6	11	2	9	0.154	0.392
				10	0.303	-0.550
				11	0.009	-0.091
				12	0.296	0.544
				13	0.241	0.490
6	6	12	1	11	0.360	-0.600
				12	0.231	0.480
				13	0.410	0.640
6	6	12	2	10	0.182	0.426
				11	0.272	-0.521
				12	0.024	-0.154
				13	0.264	0.513
				14	0.260	0.510
6	6	13	1	12	0.379	-0.616
				13	0.198	0.445
				14	0.424	0.651
6	6	13	2	11	0.205	0.452
				12	0.244	-0.494
				13	0.042	-0.204
				14	0.235	0.484
				15	0.276	0.525
6	6	14	1	13	0.395	-0.628
				14	0.172	0.414
				15	0.435	0.659
6	6	14	2	12	0.224	0.473
				13	0.219	-0.467
				14	0.060	-0.243
				15	0.210	0.458
				16	0.290	0.538
6	6	15	1	14	0.407	-0.638
				15	0.150	0.387
				16	0.444	0.666
6	6	15	2	13	0.241	0.490
				14	0.196	-0.443
				15	0.076	-0.275
				16	0.188	0.433
				17	0.301	0.548
6	6	16	1	15	0.417	-0.645
				16	0.133	0.364
				17	0.451	0.672
6	6	16	2	14	0.255	0.504
				15	0.177	-0.420
				16	0.092	-0.302
				17	0.170	0.411
				18	0.310	0.556

KI	KF	II	L	IF	CG**2	CG
1/2	1/2	1/2	1	1/2	0.334	0.577
				3/2	0.667	0.816
1/2	1/2	1/2	2	3/2	0.400	0.632
				5/2	0.600	0.775
1/2	1/2	3/2	1	1/2	0.334	-0.577
				3/2	0.067	0.258
				5/2	0.600	0.775
1/2	1/2	3/2	2	1/2	0.200	-0.447
				3/2	0.200	-0.447
				5/2	0.086	0.293
				7/2	0.515	0.717
1/2	1/2	5/2	1	3/2	0.400	-0.632
				5/2	0.029	0.169
				7/2	0.572	0.756
1/2	1/2	5/2	2	1/2	0.200	0.447
				3/2	0.058	-0.239
				5/2	0.229	-0.478
				7/2	0.039	0.195
				9/2	0.477	0.690
1/2	1/2	7/2	1	5/2	0.429	-0.655
				7/2	0.016	0.126
				9/2	0.556	0.745
1/2	1/2	7/2	2	3/2	0.258	0.507
				5/2	0.029	-0.169
				7/2	0.239	-0.488
				9/2	0.022	0.147
				11/2	0.455	0.674
1/2	1/2	9/2	1	7/2	0.445	-0.667
				9/2	0.011	0.101
				11/2	0.546	0.739
1/2	1/2	9/2	2	5/2	0.286	0.535
				7/2	0.018	-0.132
				9/2	0.243	-0.492
				11/2	0.014	0.118
				13/2	0.441	0.664
1/2	1/2	11/2	1	9/2	0.455	-0.674
				11/2	0.007	0.084
				13/2	0.539	0.734
1/2	1/2	11/2	2	7/2	0.304	0.550
				9/2	0.012	-0.108
				11/2	0.245	-0.495
				13/2	0.010	0.099
				15/2	0.431	0.656
1/2	1/2	13/2	1	11/2	0.462	-0.679
				13/2	0.006	0.072
				15/2	0.534	0.730
1/2	1/2	13/2	2	9/2	0.315	0.561
				11/2	0.009	-0.092
				13/2	0.247	-0.496
				15/2	0.008	0.085
				17/2	0.424	0.651
1/2	1/2	15/2	1	13/2	0.467	-0.683
				15/2	0.004	0.063
				17/2	0.530	0.728
1/2	1/2	15/2	2	11/2	0.324	0.568
				13/2	0.007	-0.080
				15/2	0.248	-0.497
				17/2	0.006	0.075

KI	KF	II	L	IF	CG**2	CG
				19/2	0.418	0.646
1/2	1/2	17/2	1	15/2	0.471	-0.686
				17/2	0.004	0.056
				19/2	0.527	0.725
1/2	1/2	17/2	2	13/2	0.330	0.574
				15/2	0.005	-0.070
				17/2	0.248	-0.498
				19/2	0.005	0.067
				21/2	0.414	0.643
1/2	1/2	19/2	1	17/2	0.474	-0.688
				19/2	0.003	0.050
				21/2	0.524	0.724
1/2	1/2	19/2	2	15/2	0.335	0.578
				17/2	0.004	-0.063
				19/2	0.249	-0.498
				21/2	0.004	0.060
				23/2	0.410	0.640
1/2	1/2	21/2	1	19/2	0.477	-0.690
				21/2	0.003	0.046
				23/2	0.522	0.722
1/2	1/2	21/2	2	17/2	0.339	0.582
				19/2	0.004	-0.057
				21/2	0.249	-0.498
				23/2	0.003	0.055
				25/2	0.407	0.638
1/2	3/2	1/2	1	3/2	1.000	1.000
1/2	3/2	1/2	2	3/2	0.200	0.447
				5/2	0.800	0.894
1/2	3/2	3/2	1	3/2	0.400	-0.632
				5/2	0.600	0.775
1/2	3/2	3/2	2	3/2	0.400	-0.632
				5/2	0.029	-0.169
				7/2	0.572	0.756
1/2	3/2	5/2	1	3/2	0.067	0.258
				5/2	0.458	-0.676
				7/2	0.477	0.690
1/2	3/2	5/2	2	3/2	0.258	0.507
				5/2	0.172	-0.414
				7/2	0.096	-0.309
				9/2	0.477	0.690
1/2	3/2	7/2	1	5/2	0.108	0.327
				7/2	0.477	-0.690
				9/2	0.417	0.645
1/2	3/2	7/2	2	3/2	0.058	-0.239
				5/2	0.289	0.537
				7/2	0.096	-0.309
				9/2	0.136	-0.368
				11/2	0.425	0.651
1/2	3/2	9/2	1	7/2	0.134	0.365
				9/2	0.485	-0.696
				11/2	0.382	0.618
1/2	3/2	9/2	2	5/2	0.096	-0.309
				7/2	0.293	0.541
				9/2	0.061	-0.246
				11/2	0.160	-0.400
				13/2	0.392	0.626
1/2	3/2	11/2	1	9/2	0.152	0.389
				11/2	0.490	-0.700

KI	KF	II	L	IF	CG**2	CG
				13/2	0.359	0.599
1/2	3/2	11/2	2	7/2	0.122	-0.348
				9/2	0.292	0.540
				11/2	0.042	-0.205
				13/2	0.177	-0.420
				15/2	0.370	0.608
1/2	3/2	13/2	1	11/2	0.165	0.406
				13/2	0.493	-0.702
				15/2	0.343	0.586
1/2	3/2	13/2	2	9/2	0.140	-0.374
				11/2	0.289	0.537
				13/2	0.031	-0.175
				15/2	0.188	-0.433
				17/2	0.353	0.594
1/2	3/2	15/2	1	13/2	0.175	0.418
				15/2	0.495	-0.703
				17/2	0.331	0.575
1/2	3/2	15/2	2	11/2	0.154	-0.392
				13/2	0.286	0.535
				15/2	0.024	-0.153
				17/2	0.197	-0.443
				19/2	0.341	0.584
1/2	3/2	17/2	1	15/2	0.184	0.428
				17/2	0.496	-0.704
				19/2	0.322	0.567
1/2	3/2	17/2	2	13/2	0.165	-0.406
				15/2	0.284	0.532
				17/2	0.019	-0.136
				19/2	0.203	-0.450
				21/2	0.331	0.575
1/2	3/2	19/2	1	17/2	0.190	0.435
				19/2	0.497	-0.704
				21/2	0.315	0.561
1/2	3/2	19/2	2	15/2	0.174	-0.416
				17/2	0.281	0.530
				19/2	0.016	-0.123
				21/2	0.208	-0.456
				23/2	0.323	0.568
1/2	3/2	21/2	1	19/2	0.195	0.441
				21/2	0.497	-0.705
				23/2	0.309	0.555
1/2	3/2	21/2	2	17/2	0.181	-0.425
				19/2	0.279	0.528
				21/2	0.013	-0.111
				23/2	0.212	-0.460
				25/2	0.317	0.563
1/2	5/2	1/2	2	5/2	1.000	1.000
1/2	5/2	3/2	2	5/2	0.572	-0.756
				7/2	0.429	0.655
1/2	5/2	5/2	2	5/2	0.215	0.463
				7/2	0.508	-0.713
				9/2	0.278	0.527
1/2	5/2	7/2	2	5/2	0.048	-0.218
				7/2	0.286	0.535
				9/2	0.455	-0.674
				11/2	0.213	0.461
1/2	5/2	9/2	2	5/2	0.005	0.069
				7/2	0.084	-0.288

KI	KF	II	L	IF	CG**2	CG
				9/2	0.319	0.564
				11/2	0.418	-0.646
				13/2	0.177	0.420
1/2	5/2	11/2	2	7/2	0.011	0.101
				9/2	0.109	-0.330
				11/2	0.336	0.579
				13/2	0.392	-0.626
				15/2	0.154	0.392
1/2	5/2	13/2	2	9/2	0.015	0.122
				11/2	0.128	-0.358
				13/2	0.347	0.588
				15/2	0.373	-0.610
				17/2	0.139	0.372
1/2	5/2	15/2	2	11/2	0.020	0.139
				13/2	0.143	-0.378
				15/2	0.353	0.594
				17/2	0.358	-0.598
				19/2	0.128	0.357
1/2	5/2	17/2	2	13/2	0.023	0.151
				15/2	0.155	-0.393
				17/2	0.358	0.598
				19/2	0.346	-0.588
				21/2	0.120	0.346
1/2	5/2	19/2	2	15/2	0.027	0.161
				17/2	0.164	-0.404
				19/2	0.361	0.601
				21/2	0.337	-0.580
				23/2	0.114	0.336
1/2	5/2	21/2	2	17/2	0.029	0.169
				19/2	0.172	-0.414
				21/2	0.364	0.603
				23/2	0.329	-0.573
				25/2	0.108	0.328
3/2	1/2	3/2	1	1/2	0.500	0.707
				3/2	0.400	0.632
				5/2	0.100	0.316
3/2	1/2	3/2	2	1/2	0.100	0.316
				3/2	0.400	0.632
				5/2	0.386	0.621
				7/2	0.115	0.338
3/2	1/2	5/2	1	3/2	0.400	0.632
				5/2	0.458	0.676
				7/2	0.143	0.378
3/2	1/2	5/2	2	1/2	0.267	-0.516
				3/2	0.020	-0.138
				5/2	0.172	0.414
				7/2	0.385	0.620
				9/2	0.159	0.398
3/2	1/2	7/2	1	5/2	0.358	0.598
				7/2	0.477	0.690
				9/2	0.167	0.408
3/2	1/2	7/2	2	3/2	0.286	-0.535
				5/2	0.072	-0.267
				7/2	0.096	0.309
				9/2	0.366	0.605
				11/2	0.182	0.426
3/2	1/2	9/2	1	7/2	0.334	0.577
				9/2	0.485	0.696

KI	KF	II	L	IF	CG**2	CG
				11/2	0.182	0.426
3/2	1/2	9/2	2	5/2	0.286	-0.535
				7/2	0.109	-0.329
				9/2	0.061	0.246
				11/2	0.350	0.591
				13/2	0.196	0.442
3/2	1/2	11/2	1	9/2	0.319	0.564
				11/2	0.490	0.700
				13/2	0.193	0.439
3/2	1/2	11/2	2	7/2	0.283	-0.532
				9/2	0.134	-0.365
				11/2	0.042	0.205
				13/2	0.337	0.580
				15/2	0.206	0.453
3/2	1/2	13/2	1	11/2	0.308	0.555
				13/2	0.493	0.702
				15/2	0.200	0.447
3/2	1/2	13/2	2	9/2	0.280	-0.529
				11/2	0.152	-0.389
				13/2	0.031	0.175
				15/2	0.327	0.572
				17/2	0.212	0.460
3/2	1/2	15/2	1	13/2	0.300	0.548
				15/2	0.495	0.703
				17/2	0.206	0.454
3/2	1/2	15/2	2	11/2	0.277	-0.526
				13/2	0.165	-0.405
				15/2	0.024	0.153
				17/2	0.319	0.564
				19/2	0.217	0.466
3/2	1/2	17/2	1	15/2	0.295	0.542
				17/2	0.496	0.704
				19/2	0.211	0.459
3/2	1/2	17/2	2	13/2	0.275	-0.524
				15/2	0.175	-0.418
				17/2	0.019	0.136
				19/2	0.312	0.559
				21/2	0.221	0.470
3/2	1/2	19/2	1	17/2	0.290	0.538
				19/2	0.497	0.704
				21/2	0.215	0.463
3/2	1/2	19/2	2	15/2	0.273	-0.522
				17/2	0.183	-0.427
				19/2	0.016	0.123
				21/2	0.307	0.554
				23/2	0.224	0.473
3/2	1/2	21/2	1	19/2	0.286	0.535
				21/2	0.497	0.705
				23/2	0.218	0.466
3/2	1/2	21/2	2	17/2	0.271	-0.520
				19/2	0.189	-0.435
				21/2	0.013	0.111
				23/2	0.302	0.549
				25/2	0.227	0.475
3/2	1/2	23/2	1	21/2	0.283	0.532
				23/2	0.498	0.705
				25/2	0.220	0.469
3/2	1/2	23/2	2	19/2	0.270	-0.519

KI	KF	II	L	IF	CG**2	CG
				21/2	0.195	-0.441
				23/2	0.011	0.102
				25/2	0.298	0.546
				27/2	0.229	0.478
3/2	3/2	3/2	1	3/2	0.600	0.775
				5/2	0.400	0.632
3/2	3/2	3/2	2	3/2	0.200	0.447
				5/2	0.515	0.717
				7/2	0.286	0.535
3/2	3/2	5/2	1	3/2	0.267	-0.516
				5/2	0.258	0.507
				7/2	0.477	0.690
3/2	3/2	5/2	2	3/2	0.343	-0.586
				5/2	0.015	-0.120
				7/2	0.286	0.535
				9/2	0.358	0.598
3/2	3/2	7/2	1	5/2	0.358	-0.598
				7/2	0.143	0.378
				9/2	0.500	0.707
3/2	3/2	7/2	2	3/2	0.143	0.378
				5/2	0.215	-0.463
				7/2	0.086	-0.293
				9/2	0.176	0.419
				11/2	0.382	0.618
3/2	3/2	9/2	1	7/2	0.400	-0.632
				9/2	0.091	0.302
				11/2	0.510	0.714
3/2	3/2	9/2	2	5/2	0.215	0.463
				7/2	0.141	-0.375
				9/2	0.137	-0.369
				11/2	0.118	0.343
				13/2	0.392	0.626
3/2	3/2	11/2	1	9/2	0.425	-0.651
				11/2	0.063	0.251
				13/2	0.513	0.716
3/2	3/2	11/2	2	7/2	0.255	0.505
				9/2	0.098	-0.313
				11/2	0.169	-0.410
				13/2	0.084	0.290
				15/2	0.396	0.629
3/2	3/2	13/2	1	11/2	0.440	-0.663
				13/2	0.047	0.215
				15/2	0.515	0.717
3/2	3/2	13/2	2	9/2	0.280	0.529
				11/2	0.072	-0.268
				13/2	0.189	-0.434
				15/2	0.063	0.251
				17/2	0.398	0.630
3/2	3/2	15/2	1	13/2	0.450	-0.671
				15/2	0.036	0.188
				17/2	0.515	0.717
3/2	3/2	15/2	2	11/2	0.297	0.545
				13/2	0.055	-0.234
				15/2	0.203	-0.450
				17/2	0.049	0.221
				19/2	0.398	0.630
3/2	3/2	17/2	1	15/2	0.458	-0.676
				17/2	0.028	0.167

KI	KF	II	L	IF	CG**2	CG
				19/2	0.515	0.717
3/2	3/2	17/2	2	13/2	0.309	0.556
				15/2	0.044	-0.208
				17/2	0.212	-0.460
				19/2	0.039	0.197
				21/2	0.397	0.630
3/2	3/2	19/2	1	17/2	0.464	-0.681
				19/2	0.023	0.150
				21/2	0.515	0.717
3/2	3/2	19/2	2	15/2	0.318	0.564
				17/2	0.036	-0.187
				19/2	0.219	-0.468
				21/2	0.032	0.178
				23/2	0.397	0.630
3/2	3/2	21/2	1	19/2	0.468	-0.684
				21/2	0.019	0.137
				23/2	0.514	0.717
3/2	3/2	21/2	2	17/2	0.325	0.570
				19/2	0.029	-0.170
				21/2	0.225	-0.474
				23/2	0.027	0.163
				25/2	0.396	0.629
3/2	3/2	23/2	1	21/2	0.472	-0.686
				23/2	0.016	0.125
				25/2	0.514	0.716
3/2	3/2	23/2	2	19/2	0.331	0.575
				21/2	0.025	-0.156
				23/2	0.229	-0.478
				25/2	0.023	0.149
				27/2	0.395	0.628
3/2	5/2	3/2	1	5/2	1.000	1.000
3/2	5/2	3/2	2	5/2	0.429	0.655
				7/2	0.572	0.756
3/2	5/2	5/2	1	5/2	0.286	-0.535
				7/2	0.715	0.845
3/2	5/2	5/2	2	5/2	0.429	-0.655
				7/2	0.016	0.126
				9/2	0.556	0.745
3/2	5/2	7/2	1	5/2	0.036	0.189
				7/2	0.381	-0.617
				9/2	0.584	0.764
3/2	5/2	7/2	2	5/2	0.179	0.423
				7/2	0.305	-0.552
				9/2	0.008	-0.087
				11/2	0.510	0.714
3/2	5/2	9/2	1	7/2	0.067	0.258
				9/2	0.425	-0.651
				11/2	0.510	0.714
3/2	5/2	9/2	2	5/2	0.029	-0.169
				7/2	0.251	0.500
				9/2	0.213	-0.461
				11/2	0.040	-0.198
				13/2	0.470	0.686
3/2	5/2	11/2	1	9/2	0.091	0.302
				11/2	0.448	-0.669
				13/2	0.462	0.679
3/2	5/2	11/2	2	7/2	0.057	-0.238
				9/2	0.281	0.530

KI	KF	II	L	IF	CG**2	CG
				11/2	0.154	-0.392
				13/2	0.070	-0.264
				15/2	0.440	0.663
3/2	5/2	13/2	1	11/2	0.110	0.331
				13/2	0.462	-0.679
				15/2	0.429	0.655
3/2	5/2	13/2	2	9/2	0.080	-0.283
				11/2	0.294	0.542
				13/2	0.116	-0.340
				15/2	0.096	-0.308
				17/2	0.416	0.645
3/2	5/2	15/2	1	13/2	0.125	0.354
				15/2	0.471	-0.686
				17/2	0.405	0.636
3/2	5/2	15/2	2	11/2	0.099	-0.314
				13/2	0.300	0.547
				15/2	0.090	-0.299
				17/2	0.115	-0.339
				19/2	0.398	0.630
3/2	5/2	17/2	1	15/2	0.138	0.370
				17/2	0.477	-0.690
				19/2	0.386	0.621
3/2	5/2	17/2	2	13/2	0.115	-0.338
				15/2	0.301	0.549
				17/2	0.072	-0.267
				19/2	0.131	-0.362
				21/2	0.383	0.618
3/2	5/2	19/2	1	17/2	0.148	0.384
				19/2	0.482	-0.694
				21/2	0.372	0.609
3/2	5/2	19/2	2	15/2	0.128	-0.357
				17/2	0.301	0.549
				19/2	0.059	-0.242
				21/2	0.144	-0.379
				23/2	0.370	0.608
3/2	5/2	21/2	1	19/2	0.156	0.395
				21/2	0.485	-0.696
				23/2	0.360	0.600
3/2	5/2	21/2	2	17/2	0.138	-0.371
				19/2	0.300	0.548
				21/2	0.049	-0.220
				23/2	0.155	-0.393
				25/2	0.360	0.600
3/2	5/2	23/2	1	21/2	0.164	0.404
				23/2	0.487	-0.698
				25/2	0.350	0.592
3/2	5/2	23/2	2	19/2	0.147	-0.383
				21/2	0.299	0.546
				23/2	0.041	-0.202
				25/2	0.163	-0.404
				27/2	0.351	0.592
3/2	7/2	3/2	2	7/2	1.000	1.000
3/2	7/2	5/2	2	7/2	0.445	-0.667
				9/2	0.556	0.745
3/2	7/2	7/2	2	7/2	0.134	0.365
				9/2	0.485	-0.696
				11/2	0.382	0.618
3/2	7/2	9/2	2	7/2	0.025	-0.156

KI	KF	II	L	IF	CG**2	CG
				9/2	0.213	0.461
				11/2	0.470	-0.686
				13/2	0.294	0.542
3/2	7/2	11/2	2	7/2	0.003	0.045
				9/2	0.050	-0.223
				11/2	0.259	0.509
				13/2	0.448	-0.669
				15/2	0.242	0.492
3/2	7/2	13/2	2	9/2	0.005	0.071
				11/2	0.072	-0.268
				13/2	0.289	0.537
				15/2	0.427	-0.653
				17/2	0.208	0.456
3/2	7/2	15/2	2	11/2	0.009	0.091
				13/2	0.091	-0.301
				15/2	0.309	0.555
				17/2	0.409	-0.639
				19/2	0.185	0.429
3/2	7/2	17/2	2	13/2	0.012	0.107
				15/2	0.106	-0.326
				17/2	0.322	0.567
				19/2	0.394	-0.627
				21/2	0.168	0.409
3/2	7/2	19/2	2	15/2	0.015	0.120
				17/2	0.119	-0.345
				19/2	0.332	0.576
				21/2	0.381	-0.617
				23/2	0.155	0.393
3/2	7/2	21/2	2	17/2	0.018	0.131
				19/2	0.130	-0.360
				21/2	0.340	0.582
				23/2	0.370	-0.608
				25/2	0.144	0.379
3/2	7/2	23/2	2	19/2	0.020	0.141
				21/2	0.140	-0.373
				23/2	0.345	0.587
				25/2	0.361	-0.601
				27/2	0.136	0.368
5/2	1/2	5/2	2	1/2	0.334	0.577
				3/2	0.381	0.617
				5/2	0.215	0.463
				7/2	0.064	0.252
				9/2	0.008	0.089
5/2	1/2	7/2	2	3/2	0.215	0.463
				5/2	0.381	0.617
				7/2	0.286	0.535
				9/2	0.104	0.322
				11/2	0.016	0.123
5/2	1/2	9/2	2	5/2	0.167	0.408
				7/2	0.364	0.603
				9/2	0.319	0.564
				11/2	0.131	0.361
				13/2	0.021	0.145
5/2	1/2	11/2	2	7/2	0.142	0.376
				9/2	0.349	0.590
				11/2	0.336	0.579
				13/2	0.150	0.386
				15/2	0.026	0.160

KI	KF	II	L	IF	CG**2	CG
5/2	1/2	13/2	2	9/2	0.126	0.355
				11/2	0.336	0.579
				13/2	0.347	0.588
				15/2	0.163	0.404
				17/2	0.030	0.171
5/2	1/2	15/2	2	11/2	0.116	0.340
				13/2	0.326	0.571
				15/2	0.353	0.594
				17/2	0.174	0.416
				19/2	0.033	0.180
5/2	1/2	17/2	2	13/2	0.108	0.328
				15/2	0.318	0.564
				17/2	0.358	0.598
				19/2	0.182	0.426
				21/2	0.036	0.187
5/2	1/2	19/2	2	15/2	0.103	0.320
				17/2	0.312	0.558
				19/2	0.361	0.601
				21/2	0.189	0.434
				23/2	0.038	0.193
5/2	1/2	21/2	2	17/2	0.098	0.313
				19/2	0.306	0.553
				21/2	0.364	0.603
				23/2	0.194	0.440
				25/2	0.040	0.198
5/2	1/2	23/2	2	19/2	0.095	0.307
				21/2	0.302	0.549
				23/2	0.366	0.604
				25/2	0.199	0.445
				27/2	0.041	0.202
5/2	1/2	25/2	2	21/2	0.092	0.302
				23/2	0.298	0.546
				25/2	0.367	0.606
				27/2	0.203	0.450
				29/2	0.043	0.205
5/2	3/2	5/2	1	3/2	0.667	0.816
				5/2	0.286	0.535
				7/2	0.048	0.218
5/2	3/2	5/2	2	3/2	0.286	0.535
				5/2	0.429	0.655
				7/2	0.239	0.488
				9/2	0.048	0.218
5/2	3/2	7/2	1	5/2	0.536	0.732
				7/2	0.381	0.617
				9/2	0.084	0.289
5/2	3/2	7/2	2	3/2	0.286	-0.535
				5/2	0.012	0.109
				7/2	0.305	0.552
				9/2	0.313	0.559
				11/2	0.085	0.291
5/2	3/2	9/2	1	7/2	0.467	0.683
				9/2	0.425	0.651
				11/2	0.110	0.330
5/2	3/2	9/2	2	5/2	0.334	-0.577
				7/2	0.007	-0.078
				9/2	0.213	0.461
				11/2	0.337	0.580
				13/2	0.112	0.334

KI	KF	II	L	IF	CG**2	CG
5/2	3/2	11/2	1	9/2	0.425	0.651
				11/2	0.448	0.669
				13/2	0.129	0.358
5/2	3/2	11/2	2	7/2	0.340	-0.583
				9/2	0.033	-0.181
				11/2	0.154	0.392
				13/2	0.343	0.585
				15/2	0.132	0.363
5/2	3/2	13/2	1	11/2	0.396	0.629
				13/2	0.462	0.679
				15/2	0.143	0.378
5/2	3/2	13/2	2	9/2	0.336	-0.579
				11/2	0.060	-0.245
				13/2	0.116	0.340
				15/2	0.342	0.585
				17/2	0.148	0.383
5/2	3/2	15/2	1	13/2	0.375	0.612
				15/2	0.471	0.686
				17/2	0.155	0.393
5/2	3/2	15/2	2	11/2	0.330	-0.574
				13/2	0.084	-0.288
				15/2	0.090	0.299
				17/2	0.339	0.582
				19/2	0.159	0.399
5/2	3/2	17/2	1	15/2	0.360	0.600
				17/2	0.477	0.690
				19/2	0.164	0.405
5/2	3/2	17/2	2	13/2	0.324	-0.569
				15/2	0.103	-0.320
				17/2	0.072	0.267
				19/2	0.335	0.578
				21/2	0.169	0.410
5/2	3/2	19/2	1	17/2	0.348	0.589
				19/2	0.482	0.694
				21/2	0.172	0.414
5/2	3/2	19/2	2	15/2	0.318	-0.564
				17/2	0.118	-0.343
				19/2	0.059	0.242
				21/2	0.330	0.574
				23/2	0.177	0.420
5/2	3/2	21/2	1	19/2	0.338	0.581
				21/2	0.485	0.696
				23/2	0.178	0.422
5/2	3/2	21/2	2	17/2	0.313	-0.559
				19/2	0.131	-0.361
				21/2	0.049	0.220
				23/2	0.326	0.571
				25/2	0.183	0.427
5/2	3/2	23/2	1	21/2	0.330	0.574
				23/2	0.487	0.698
				25/2	0.184	0.428
5/2	3/2	23/2	2	19/2	0.309	-0.555
				21/2	0.142	-0.376
				23/2	0.041	0.202
				25/2	0.322	0.567
				27/2	0.189	0.434
5/2	3/2	25/2	1	23/2	0.324	0.568
				25/2	0.489	0.699

KI	KF	II	L	IF	CG**2	CG
				27/2	0.189	0.434
5/2	3/2	25/2	2	21/2	0.305	-0.552
				23/2	0.151	-0.388
				25/2	0.035	0.187
				27/2	0.318	0.564
				29/2	0.193	0.439
5/2	5/2	5/2	1	5/2	0.715	0.845
				7/2	0.286	0.535
5/2	5/2	5/2	2	5/2	0.358	0.598
				7/2	0.477	0.690
				9/2	0.167	0.408
5/2	5/2	7/2	1	5/2	0.215	-0.463
				7/2	0.397	0.630
				9/2	0.389	0.624
5/2	5/2	7/2	2	5/2	0.358	-0.598
				7/2	0.010	0.098
				9/2	0.379	0.615
				11/2	0.255	0.505
5/2	5/2	9/2	1	7/2	0.312	-0.558
				9/2	0.253	0.503
				11/2	0.437	0.661
5/2	5/2	9/2	2	5/2	0.100	0.316
				7/2	0.304	-0.550
				9/2	0.016	-0.123
				11/2	0.280	0.529
				13/2	0.303	0.550
5/2	5/2	11/2	1	9/2	0.364	-0.603
				11/2	0.175	0.418
				13/2	0.462	0.679
5/2	5/2	11/2	2	7/2	0.170	0.412
				9/2	0.234	-0.483
				11/2	0.058	-0.240
				13/2	0.210	0.458
				15/2	0.330	0.574
5/2	5/2	13/2	1	11/2	0.396	-0.629
				13/2	0.129	0.358
				15/2	0.477	0.690
5/2	5/2	13/2	2	9/2	0.216	0.465
				11/2	0.180	-0.424
				13/2	0.097	-0.310
				15/2	0.162	0.402
				17/2	0.347	0.589
5/2	5/2	15/2	1	13/2	0.417	-0.645
				15/2	0.099	0.313
				17/2	0.486	0.697
5/2	5/2	15/2	2	11/2	0.248	0.497
				13/2	0.142	-0.376
				15/2	0.127	-0.355
				17/2	0.128	0.357
				19/2	0.358	0.598
5/2	5/2	17/2	1	15/2	0.432	-0.657
				17/2	0.078	0.278
				19/2	0.492	0.701
5/2	5/2	17/2	2	13/2	0.270	0.519
				15/2	0.114	-0.337
				17/2	0.149	-0.386
				19/2	0.104	0.321
				21/2	0.365	0.604

K I	K F	I I	L	I F	CG**2	CG
5/2	5/2	19/2	1	17/2	0.443	-0.665
				19/2	0.063	0.250
				21/2	0.496	0.704
5/2	5/2	19/2	2	15/2	0.287	0.535
				17/2	0.093	-0.305
				19/2	0.167	-0.408
				21/2	0.085	0.292
				23/2	0.370	0.608
5/2	5/2	21/2	1	19/2	0.451	-0.671
				21/2	0.052	0.228
				23/2	0.499	0.706
5/2	5/2	21/2	2	17/2	0.299	0.546
				19/2	0.078	-0.278
				21/2	0.180	-0.424
				23/2	0.072	0.267
				25/2	0.374	0.611
5/2	5/2	23/2	1	21/2	0.457	-0.676
				23/2	0.044	0.209
				25/2	0.500	0.707
5/2	5/2	23/2	2	19/2	0.309	0.555
				21/2	0.066	-0.255
				23/2	0.191	-0.436
				25/2	0.061	0.246
				27/2	0.377	0.613
5/2	5/2	25/2	1	23/2	0.462	-0.679
				25/2	0.038	0.192
				27/2	0.502	0.708
5/2	5/2	25/2	2	21/2	0.317	0.562
				23/2	0.056	-0.236
				25/2	0.199	-0.445
				27/2	0.052	0.228
				29/2	0.378	0.615
5/2	7/2	5/2	1	7/2	1.000	1.000
5/2	7/2	5/2	2	7/2	0.556	0.745
				9/2	0.445	0.667
5/2	7/2	7/2	1	7/2	0.223	-0.471
				9/2	0.778	0.882
5/2	7/2	7/2	2	7/2	0.400	-0.632
				9/2	0.091	0.302
				11/2	0.510	0.714
5/2	7/2	9/2	1	7/2	0.023	0.149
				9/2	0.324	-0.569
				11/2	0.655	0.809
5/2	7/2	9/2	2	7/2	0.128	0.357
				9/2	0.364	-0.603
				11/2	0.006	0.075
				13/2	0.504	0.710
5/2	7/2	11/2	1	9/2	0.046	0.213
				11/2	0.378	-0.615
				13/2	0.577	0.760
5/2	7/2	11/2	2	7/2	0.017	-0.127
				9/2	0.206	0.453
				11/2	0.292	-0.540
				13/2	0.004	-0.059
				15/2	0.484	0.695
5/2	7/2	13/2	1	11/2	0.066	0.257
				13/2	0.411	-0.641
				15/2	0.524	0.724

KI	KF	II	L	IF	CG**2	CG
5/2	7/2	13/2	2	9/2	0.036	-0.190
				11/2	0.250	0.500
				13/2	0.231	-0.480
				15/2	0.022	-0.146
				17/2	0.463	0.680
5/2	7/2	15/2	1	13/2	0.084	0.289
				15/2	0.432	-0.657
				17/2	0.486	0.697
5/2	7/2	15/2	2	11/2	0.055	-0.234
				13/2	0.275	0.524
				15/2	0.185	-0.430
				17/2	0.043	-0.206
				19/2	0.443	0.665
5/2	7/2	17/2	1	15/2	0.099	0.313
				17/2	0.446	-0.668
				19/2	0.457	0.675
5/2	7/2	17/2	2	13/2	0.072	-0.268
				15/2	0.290	0.538
				17/2	0.151	-0.388
				19/2	0.063	-0.250
				21/2	0.426	0.652
5/2	7/2	19/2	1	17/2	0.111	0.332
				19/2	0.457	-0.675
				21/2	0.434	0.658
5/2	7/2	19/2	2	15/2	0.087	-0.294
				17/2	0.298	0.545
				19/2	0.125	-0.353
				21/2	0.081	-0.283
				23/2	0.412	0.641
5/2	7/2	21/2	1	19/2	0.122	0.348
				21/2	0.464	-0.681
				23/2	0.416	0.644
5/2	7/2	21/2	2	17/2	0.100	-0.315
				19/2	0.303	0.550
				21/2	0.105	-0.323
				23/2	0.096	-0.309
				25/2	0.399	0.631
5/2	7/2	23/2	1	21/2	0.131	0.361
				23/2	0.470	-0.685
				25/2	0.400	0.632
5/2	7/2	23/2	2	19/2	0.111	-0.333
				21/2	0.305	0.552
				23/2	0.089	-0.298
				25/2	0.109	-0.330
				27/2	0.388	0.622
5/2	7/2	25/2	1	23/2	0.139	0.372
				25/2	0.475	-0.689
				27/2	0.388	0.622
5/2	7/2	25/2	2	21/2	0.121	-0.347
				23/2	0.306	0.552
				25/2	0.077	-0.276
				27/2	0.121	-0.347
				29/2	0.378	0.615
5/2	9/2	5/2	2	9/2	1.000	1.000
5/2	9/2	7/2	2	9/2	0.364	-0.603
				11/2	0.637	0.798
5/2	9/2	9/2	2	9/2	0.091	0.302
				11/2	0.448	-0.669

KI	KF	II	L	IF	CG**2	CG
				13/2	0.462	0.679
5/2	9/2	11/2	2	9/2	0.014	-0.118
				11/2	0.162	0.402
				13/2	0.462	-0.679
				15/2	0.363	0.602
5/2	9/2	13/2	2	9/2	0.001	0.032
				11/2	0.032	-0.179
				13/2	0.212	0.460
				15/2	0.456	-0.675
				17/2	0.301	0.548
5/2	9/2	15/2	2	11/2	0.003	0.052
				13/2	0.050	-0.223
				15/2	0.247	0.496
				17/2	0.443	-0.665
				19/2	0.259	0.508
5/2	9/2	17/2	2	13/2	0.005	0.070
				15/2	0.067	-0.257
				17/2	0.272	0.521
				19/2	0.430	-0.655
				21/2	0.229	0.478
5/2	9/2	19/2	2	15/2	0.008	0.085
				17/2	0.081	-0.284
				19/2	0.291	0.539
				21/2	0.417	-0.645
				23/2	0.206	0.453
5/2	9/2	21/2	2	17/2	0.010	0.098
				19/2	0.094	-0.305
				21/2	0.305	0.552
				23/2	0.405	-0.636
				25/2	0.189	0.434
5/2	9/2	23/2	2	19/2	0.012	0.109
				21/2	0.105	-0.323
				23/2	0.316	0.561
				25/2	0.395	-0.628
				27/2	0.175	0.418
5/2	9/2	25/2	2	21/2	0.015	0.119
				23/2	0.115	-0.338
				25/2	0.324	0.569
				27/2	0.385	-0.620
				29/2	0.164	0.404
7/2	3/2	7/2	2	3/2	0.500	0.707
				5/2	0.334	0.577
				7/2	0.134	0.365
				9/2	0.031	0.174
				11/2	0.004	0.055
7/2	3/2	9/2	2	5/2	0.334	0.577
				7/2	0.388	0.623
				9/2	0.213	0.461
				11/2	0.060	0.244
				13/2	0.007	0.084
7/2	3/2	11/2	2	7/2	0.255	0.505
				9/2	0.392	0.626
				11/2	0.259	0.509
				13/2	0.084	0.290
				15/2	0.011	0.105
7/2	3/2	13/2	2	9/2	0.210	0.458
				11/2	0.384	0.619
				13/2	0.289	0.537

KI	KF	II	L	IF	CG**2	CG
				15/2	0.104	0.322
				17/2	0.015	0.121
7/2	3/2	15/2	2	11/2	0.182	0.426
				13/2	0.374	0.611
				15/2	0.309	0.555
				17/2	0.120	0.345
				19/2	0.019	0.134
7/2	3/2	17/2	2	13/2	0.162	0.402
				15/2	0.364	0.603
				17/2	0.322	0.567
				19/2	0.133	0.363
				21/2	0.022	0.145
7/2	3/2	19/2	2	15/2	0.148	0.384
				17/2	0.355	0.595
				19/2	0.332	0.576
				21/2	0.143	0.378
				23/2	0.024	0.154
7/2	3/2	21/2	2	17/2	0.137	0.370
				19/2	0.347	0.588
				21/2	0.340	0.582
				23/2	0.152	0.390
				25/2	0.027	0.162
7/2	3/2	23/2	2	19/2	0.129	0.358
				21/2	0.340	0.582
				23/2	0.345	0.587
				25/2	0.160	0.399
				27/2	0.029	0.168
7/2	3/2	25/2	2	21/2	0.122	0.349
				23/2	0.333	0.577
				25/2	0.350	0.591
				27/2	0.166	0.407
				29/2	0.031	0.174
7/2	3/2	27/2	2	23/2	0.117	0.341
				25/2	0.328	0.572
				27/2	0.353	0.594
				29/2	0.172	0.414
				31/2	0.032	0.178
7/2	5/2	7/2	1	5/2	0.750	0.866
				7/2	0.223	0.471
				9/2	0.028	0.167
7/2	5/2	7/2	2	5/2	0.417	0.645
				7/2	0.400	0.632
				9/2	0.160	0.399
				11/2	0.025	0.156
7/2	5/2	9/2	1	7/2	0.623	0.789
				9/2	0.324	0.569
				11/2	0.055	0.234
7/2	5/2	9/2	2	5/2	0.267	-0.516
				7/2	0.073	0.270
				9/2	0.364	0.603
				11/2	0.247	0.497
				13/2	0.051	0.224
7/2	5/2	11/2	1	9/2	0.546	0.739
				11/2	0.378	0.615
				13/2	0.077	0.277
7/2	5/2	11/2	2	7/2	0.340	-0.583
				9/2	0.005	0.068
				11/2	0.292	0.540

KI	KF	II	L	IF	CG**2	CG
				13/2	0.292	0.540
				15/2	0.074	0.271
7/2	5/2	13/2	1	11/2	0.495	0.703
				13/2	0.411	0.641
				15/2	0.096	0.309
7/2	5/2	13/2	2	9/2	0.360	-0.600
				11/2	0.003	-0.055
				13/2	0.231	0.480
				15/2	0.315	0.560
				17/2	0.093	0.304
7/2	5/2	15/2	1	13/2	0.459	0.677
				15/2	0.432	0.657
				17/2	0.111	0.332
7/2	5/2	15/2	2	11/2	0.363	-0.602
				13/2	0.019	-0.137
				15/2	0.185	0.430
				17/2	0.326	0.570
				19/2	0.109	0.329
7/2	5/2	17/2	1	15/2	0.432	0.657
				17/2	0.446	0.668
				19/2	0.123	0.350
7/2	5/2	17/2	2	13/2	0.360	-0.600
				15/2	0.038	-0.195
				17/2	0.151	0.388
				19/2	0.331	0.575
				21/2	0.122	0.349
7/2	5/2	19/2	1	17/2	0.411	0.641
				19/2	0.457	0.675
				21/2	0.134	0.365
7/2	5/2	19/2	2	15/2	0.355	-0.595
				17/2	0.057	-0.237
				19/2	0.125	0.353
				21/2	0.333	0.576
				23/2	0.133	0.364
7/2	5/2	21/2	1	19/2	0.394	0.628
				21/2	0.464	0.681
				23/2	0.143	0.377
7/2	5/2	21/2	2	17/2	0.349	-0.590
				19/2	0.074	-0.270
				21/2	0.105	0.323
				23/2	0.333	0.576
				25/2	0.143	0.377
7/2	5/2	23/2	1	21/2	0.381	0.617
				23/2	0.470	0.685
				25/2	0.150	0.387
7/2	5/2	23/2	2	19/2	0.343	-0.585
				21/2	0.088	-0.296
				23/2	0.089	0.298
				25/2	0.331	0.575
				27/2	0.151	0.388
7/2	5/2	25/2	1	23/2	0.370	0.608
				25/2	0.475	0.689
				27/2	0.157	0.396
7/2	5/2	25/2	2	21/2	0.338	-0.581
				23/2	0.101	-0.317
				25/2	0.077	0.276
				27/2	0.329	0.573
				29/2	0.158	0.397

KI	KF	II	L	IF	CG**2	CG
7/2	5/2	27/2	1	25/2	0.360	0.600
				27/2	0.478	0.691
				29/2	0.163	0.403
7/2	5/2	27/2	2	23/2	0.333	-0.576
				25/2	0.112	-0.334
				27/2	0.067	0.257
				29/2	0.327	0.571
				31/2	0.164	0.404
7/2	7/2	7/2	1	7/2	0.778	0.882
				9/2	0.223	0.471
7/2	7/2	7/2	2	7/2	0.467	0.683
				9/2	0.425	0.651
				11/2	0.110	0.330
7/2	7/2	9/2	1	7/2	0.178	-0.422
				9/2	0.495	0.704
				11/2	0.328	0.572
7/2	7/2	9/2	2	7/2	0.340	-0.583
				9/2	0.061	0.246
				11/2	0.412	0.641
				13/2	0.189	0.435
7/2	7/2	11/2	1	9/2	0.273	-0.522
				11/2	0.343	0.585
				13/2	0.385	0.620
7/2	7/2	11/2	2	7/2	0.073	0.270
				9/2	0.343	-0.585
				11/2	0.001	0.014
				13/2	0.343	0.585
				15/2	0.242	0.492
7/2	7/2	13/2	1	11/2	0.330	-0.574
				13/2	0.252	0.501
				15/2	0.420	0.647
7/2	7/2	13/2	2	9/2	0.135	0.367
				11/2	0.294	-0.542
				13/2	0.016	-0.124
				15/2	0.279	0.528
				17/2	0.278	0.527
7/2	7/2	15/2	1	13/2	0.367	-0.606
				15/2	0.193	0.438
				17/2	0.442	0.664
7/2	7/2	15/2	2	11/2	0.182	0.426
				13/2	0.244	-0.494
				15/2	0.046	-0.213
				17/2	0.228	0.477
				19/2	0.302	0.549
7/2	7/2	17/2	1	15/2	0.393	-0.626
				17/2	0.152	0.389
				19/2	0.457	0.675
7/2	7/2	17/2	2	13/2	0.216	0.464
				15/2	0.203	-0.450
				17/2	0.075	-0.274
				19/2	0.188	0.433
				21/2	0.320	0.565
7/2	7/2	19/2	1	17/2	0.411	-0.641
				19/2	0.123	0.350
				21/2	0.467	0.683
7/2	7/2	19/2	2	15/2	0.242	0.491
				17/2	0.170	-0.411
				19/2	0.101	-0.317

KI	KF	II	L	IF	CG**2	CG
				21/2	0.157	0.396
				23/2	0.333	0.576
7/2	7/2	21/2	1	19/2	0.425	-0.651
				21/2	0.102	0.319
				23/2	0.475	0.689
7/2	7/2	21/2	2	17/2	0.262	0.511
				19/2	0.143	-0.378
				21/2	0.122	-0.349
				23/2	0.133	0.364
				25/2	0.342	0.584
7/2	7/2	23/2	1	21/2	0.435	-0.659
				23/2	0.086	0.292
				25/2	0.480	0.693
7/2	7/2	23/2	2	19/2	0.277	0.526
				21/2	0.122	-0.349
				23/2	0.140	-0.373
				25/2	0.114	0.337
				27/2	0.349	0.591
7/2	7/2	25/2	1	23/2	0.444	-0.666
				25/2	0.073	0.269
				27/2	0.485	0.696
7/2	7/2	25/2	2	21/2	0.289	0.538
				23/2	0.105	-0.324
				25/2	0.154	-0.392
				27/2	0.099	0.313
				29/2	0.355	0.595
7/2	7/2	27/2	1	25/2	0.450	-0.671
				27/2	0.063	0.250
				29/2	0.488	0.698
7/2	7/2	27/2	2	23/2	0.299	0.547
				25/2	0.092	-0.302
				27/2	0.166	-0.407
				29/2	0.086	0.293
				31/2	0.359	0.599
7/2	9/2	7/2	1	9/2	1.000	1.000
7/2	9/2	7/2	2	9/2	0.637	0.798
				11/2	0.364	0.603
7/2	9/2	9/2	1	9/2	0.182	-0.426
				11/2	0.819	0.905
7/2	9/2	9/2	2	9/2	0.364	-0.603
				11/2	0.175	0.418
				13/2	0.462	0.679
7/2	9/2	11/2	1	9/2	0.016	0.123
				11/2	0.280	-0.529
				13/2	0.706	0.840
7/2	9/2	11/2	2	9/2	0.095	0.307
				11/2	0.384	-0.619
				13/2	0.039	0.196
				15/2	0.484	0.695
7/2	9/2	13/2	1	11/2	0.033	0.182
				13/2	0.339	-0.582
				15/2	0.629	0.793
7/2	9/2	13/2	2	9/2	0.010	-0.100
				11/2	0.169	0.410
				13/2	0.339	-0.582
				15/2	0.003	0.053
				17/2	0.481	0.693
7/2	9/2	15/2	1	13/2	0.050	0.224

KI	KF	II	L	IF	CG**2	CG
				15/2	0.377	-0.614
				17/2	0.574	0.757
7/2	9/2	15/2	2	11/2	0.025	-0.155
				13/2	0.218	0.466
				15/2	0.287	-0.536
				17/2	0.003	-0.045
				19/2	0.470	0.685
7/2	9/2	17/2	1	15/2	0.066	0.256
				17/2	0.403	-0.634
				19/2	0.533	0.729
7/2	9/2	17/2	2	13/2	0.040	-0.198
				15/2	0.250	0.500
				17/2	0.242	-0.491
				19/2	0.014	-0.116
				21/2	0.457	0.675
7/2	9/2	19/2	1	17/2	0.079	0.281
				19/2	0.422	-0.649
				21/2	0.500	0.707
7/2	9/2	19/2	2	15/2	0.054	-0.232
				17/2	0.271	0.520
				19/2	0.205	-0.452
				21/2	0.029	-0.169
				23/2	0.443	0.665
7/2	9/2	21/2	1	19/2	0.091	0.302
				21/2	0.435	-0.659
				23/2	0.475	0.689
7/2	9/2	21/2	2	17/2	0.067	-0.259
				19/2	0.285	0.534
				21/2	0.174	-0.417
				23/2	0.045	-0.210
				25/2	0.431	0.656
7/2	9/2	23/2	1	21/2	0.102	0.319
				23/2	0.446	-0.667
				25/2	0.454	0.673
7/2	9/2	23/2	2	19/2	0.080	-0.281
				21/2	0.294	0.542
				23/2	0.150	-0.387
				25/2	0.060	-0.243
				27/2	0.419	0.647
7/2	9/2	25/2	1	23/2	0.111	0.333
				25/2	0.454	-0.673
				27/2	0.436	0.660
7/2	9/2	25/2	2	21/2	0.090	-0.300
				23/2	0.300	0.548
				25/2	0.130	-0.360
				27/2	0.073	-0.270
				29/2	0.408	0.639
7/2	9/2	27/2	1	25/2	0.120	0.345
				27/2	0.460	-0.678
				29/2	0.422	0.649
7/2	9/2	27/2	2	23/2	0.100	-0.316
				25/2	0.304	0.551
				27/2	0.114	-0.336
				29/2	0.086	-0.292
				31/2	0.399	0.631
7/2	11/2	7/2	2	11/2	1.000	1.000
7/2	11/2	9/2	2	11/2	0.308	-0.555
				13/2	0.693	0.832

KI	KF	II	L	IF	CG**2	CG
7/2	11/2	11/2	2	11/2	0.066	0.257
				13/2	0.411	-0.641
				15/2	0.524	0.724
7/2	11/2	13/2	2	11/2	0.009	-0.094
				13/2	0.127	0.356
				15/2	0.444	-0.666
				17/2	0.421	0.649
7/2	11/2	15/2	2	11/2	0.001	0.023
				13/2	0.022	-0.147
				15/2	0.175	0.418
				17/2	0.451	-0.671
				19/2	0.353	0.593
7/2	11/2	17/2	2	13/2	0.002	0.040
				15/2	0.036	-0.189
				17/2	0.212	0.460
				19/2	0.448	-0.669
				21/2	0.305	0.551
7/2	11/2	19/2	2	15/2	0.004	0.056
				17/2	0.050	-0.223
				19/2	0.240	0.489
				21/2	0.440	-0.663
				23/2	0.269	0.518
7/2	11/2	21/2	2	17/2	0.005	0.069
				19/2	0.063	-0.250
				21/2	0.261	0.511
				23/2	0.431	-0.656
				25/2	0.242	0.492
7/2	11/2	23/2	2	19/2	0.007	0.081
				21/2	0.075	-0.272
				23/2	0.278	0.527
				25/2	0.421	-0.648
				27/2	0.221	0.470
7/2	11/2	25/2	2	21/2	0.009	0.092
				23/2	0.085	-0.291
				25/2	0.292	0.540
				27/2	0.412	-0.641
				29/2	0.204	0.452
7/2	11/2	27/2	2	23/2	0.011	0.101
				25/2	0.095	-0.308
				27/2	0.303	0.550
				29/2	0.403	-0.634
				31/2	0.191	0.436
9/2	5/2	9/2	2	5/2	0.600	0.775
				7/2	0.291	0.539
				9/2	0.091	0.302
				11/2	0.017	0.130
				13/2	0.002	0.037
9/2	5/2	11/2	2	7/2	0.425	0.651
				9/2	0.373	0.611
				11/2	0.162	0.402
				13/2	0.038	0.193
				15/2	0.004	0.061
9/2	5/2	13/2	2	9/2	0.330	0.574
				11/2	0.396	0.629
				13/2	0.212	0.460
				15/2	0.057	0.239
				17/2	0.007	0.079
9/2	5/2	15/2	2	11/2	0.272	0.522

KI	KF	II	L	IF	CG**2	CG
				13/2	0.399	0.631
				15/2	0.247	0.496
				17/2	0.075	0.273
				19/2	0.010	0.095
9/2	5/2	17/2	2	13/2	0.234	0.483
				15/2	0.394	0.627
				17/2	0.272	0.521
				19/2	0.090	0.299
				21/2	0.012	0.108
9/2	5/2	19/2	2	15/2	0.207	0.455
				17/2	0.387	0.622
				19/2	0.291	0.539
				21/2	0.103	0.320
				23/2	0.015	0.119
9/2	5/2	21/2	2	17/2	0.187	0.432
				19/2	0.379	0.615
				21/2	0.305	0.552
				23/2	0.114	0.337
				25/2	0.017	0.129
9/2	5/2	23/2	2	19/2	0.172	0.414
				21/2	0.372	0.609
				23/2	0.316	0.561
				25/2	0.124	0.352
				27/2	0.019	0.137
9/2	5/2	25/2	2	21/2	0.160	0.399
				23/2	0.364	0.603
				25/2	0.324	0.569
				27/2	0.133	0.364
				29/2	0.021	0.144
9/2	5/2	27/2	2	23/2	0.150	0.387
				25/2	0.358	0.598
				27/2	0.331	0.575
				29/2	0.140	0.374
				31/2	0.023	0.151
9/2	5/2	29/2	2	25/2	0.142	0.376
				27/2	0.352	0.593
				29/2	0.337	0.580
				31/2	0.147	0.383
				33/2	0.025	0.156
9/2	7/2	9/2	1	7/2	0.800	0.894
				9/2	0.182	0.426
				11/2	0.019	0.135
9/2	7/2	9/2	2	7/2	0.510	0.714
				9/2	0.364	0.603
				11/2	0.114	0.337
				13/2	0.014	0.118
9/2	7/2	11/2	1	9/2	0.682	0.826
				11/2	0.280	0.529
				13/2	0.039	0.196
9/2	7/2	11/2	2	7/2	0.243	-0.492
				9/2	0.146	0.382
				11/2	0.384	0.619
				13/2	0.197	0.443
				15/2	0.033	0.180
9/2	7/2	13/2	1	11/2	0.605	0.777
				13/2	0.339	0.582
				15/2	0.058	0.239
9/2	7/2	13/2	2	9/2	0.330	-0.574

KI	KF	II	L	IF	CG**2	CG
				11/2	0.033	0.182
				13/2	0.339	0.582
				15/2	0.249	0.498
				17/2	0.051	0.225
9/2	7/2	15/2	1	13/2	0.550	0.742
				15/2	0.377	0.614
				17/2	0.074	0.271
9/2	7/2	15/2	2	11/2	0.363	-0.602
				13/2	0.003	0.050
				15/2	0.287	0.536
				17/2	0.281	0.530
				19/2	0.068	0.259
9/2	7/2	17/2	1	15/2	0.510	0.714
				17/2	0.403	0.634
				19/2	0.088	0.296
9/2	7/2	17/2	2	13/2	0.374	-0.611
				15/2	0.002	-0.042
				17/2	0.242	0.491
				19/2	0.301	0.549
				21/2	0.082	0.286
9/2	7/2	19/2	1	17/2	0.479	0.692
				19/2	0.422	0.649
				21/2	0.100	0.316
9/2	7/2	19/2	2	15/2	0.376	-0.613
				17/2	0.013	-0.110
				19/2	0.205	0.452
				21/2	0.314	0.560
				23/2	0.095	0.308
9/2	7/2	21/2	1	19/2	0.455	0.674
				21/2	0.435	0.659
				23/2	0.111	0.333
9/2	7/2	21/2	2	17/2	0.374	-0.611
				19/2	0.027	-0.161
				21/2	0.174	0.417
				23/2	0.321	0.566
				25/2	0.107	0.326
9/2	7/2	23/2	1	21/2	0.435	0.659
				23/2	0.446	0.667
				25/2	0.120	0.346
9/2	7/2	23/2	2	19/2	0.369	-0.607
				21/2	0.041	-0.201
				23/2	0.150	0.387
				25/2	0.325	0.570
				27/2	0.117	0.341
9/2	7/2	25/2	1	23/2	0.419	0.647
				25/2	0.454	0.673
				27/2	0.129	0.358
9/2	7/2	25/2	2	21/2	0.364	-0.603
				23/2	0.055	-0.234
				25/2	0.130	0.360
				27/2	0.327	0.572
				29/2	0.126	0.354
9/2	7/2	27/2	1	25/2	0.405	0.636
				27/2	0.460	0.678
				29/2	0.136	0.368
9/2	7/2	27/2	2	23/2	0.359	-0.599
				25/2	0.068	-0.260
				27/2	0.114	0.336

KI	KF	II	L	IF	CG**2	CG
				29/2	0.328	0.572
				31/2	0.133	0.364
9/2	7/2	29/2	1	27/2	0.394	0.627
				29/2	0.465	0.682
				31/2	0.142	0.377
9/2	7/2	29/2	2	25/2	0.354	-0.595
				27/2	0.080	-0.282
				29/2	0.100	0.316
				31/2	0.328	0.572
				33/2	0.140	0.374
9/2	9/2	9/2	1	9/2	0.819	0.905
				11/2	0.182	0.426
9/2	9/2	9/2	2	9/2	0.546	0.739
				11/2	0.378	0.615
				13/2	0.077	0.277
9/2	9/2	11/2	1	9/2	0.152	-0.389
				11/2	0.567	0.753
				13/2	0.283	0.531
9/2	9/2	11/2	2	9/2	0.315	-0.561
				11/2	0.125	0.353
				13/2	0.416	0.645
				15/2	0.146	0.381
9/2	9/2	13/2	1	11/2	0.242	-0.492
				13/2	0.416	0.645
				15/2	0.343	0.586
9/2	9/2	13/2	2	9/2	0.055	0.234
				11/2	0.357	-0.597
				13/2	0.016	0.124
				15/2	0.377	0.614
				17/2	0.197	0.443
9/2	9/2	15/2	1	13/2	0.300	-0.548
				15/2	0.318	0.564
				17/2	0.383	0.618
9/2	9/2	15/2	2	11/2	0.109	0.330
				13/2	0.330	-0.574
				15/2	0.001	-0.024
				17/2	0.327	0.571
				19/2	0.235	0.485
9/2	9/2	17/2	1	15/2	0.340	-0.583
				17/2	0.251	0.501
				19/2	0.410	0.640
9/2	9/2	17/2	2	13/2	0.153	0.391
				15/2	0.290	-0.538
				17/2	0.016	-0.124
				19/2	0.279	0.528
				21/2	0.264	0.513
9/2	9/2	19/2	1	17/2	0.369	-0.607
				19/2	0.204	0.451
				21/2	0.429	0.655
9/2	9/2	19/2	2	15/2	0.188	0.433
				17/2	0.251	-0.501
				19/2	0.039	-0.196
				21/2	0.239	0.488
				23/2	0.285	0.533
9/2	9/2	21/2	1	19/2	0.390	-0.624
				21/2	0.168	0.410
				23/2	0.443	0.665
9/2	9/2	21/2	2	17/2	0.216	0.464

KI	KF	II	L	IF	CG**2	CG
				19/2	0.217	-0.465
				21/2	0.063	-0.249
				23/2	0.205	0.453
				25/2	0.302	0.549
9/2	9/2	23/2	1	21/2	0.406	-0.637
				23/2	0.141	0.375
				25/2	0.454	0.673
9/2	9/2	23/2	2	19/2	0.238	0.487
				21/2	0.188	-0.433
				23/2	0.084	-0.289
				25/2	0.178	0.421
				27/2	0.314	0.560
9/2	9/2	25/2	1	23/2	0.419	-0.647
				25/2	0.120	0.346
				27/2	0.462	0.679
9/2	9/2	25/2	2	21/2	0.255	0.505
				23/2	0.164	-0.405
				25/2	0.103	-0.321
				27/2	0.155	0.393
				29/2	0.324	0.569
9/2	9/2	27/2	1	25/2	0.429	-0.655
				27/2	0.104	0.322
				29/2	0.468	0.684
9/2	9/2	27/2	2	23/2	0.270	0.519
				25/2	0.144	-0.379
				27/2	0.120	-0.345
				29/2	0.136	0.369
				31/2	0.333	0.576
9/2	9/2	29/2	1	27/2	0.437	-0.661
				29/2	0.091	0.300
				31/2	0.474	0.688
9/2	9/2	29/2	2	25/2	0.281	0.530
				27/2	0.127	-0.356
				29/2	0.134	-0.365
				31/2	0.121	0.347
				33/2	0.339	0.582
9/2	11/2	9/2	1	11/2	1.000	1.000
9/2	11/2	9/2	2	11/2	0.693	0.832
				13/2	0.308	0.555
9/2	11/2	11/2	1	11/2	0.154	-0.392
				13/2	0.847	0.920
9/2	11/2	11/2	2	11/2	0.330	-0.574
				13/2	0.252	0.501
				15/2	0.420	0.647
9/2	11/2	13/2	1	11/2	0.011	0.105
				13/2	0.247	-0.496
				15/2	0.743	0.862
9/2	11/2	13/2	2	11/2	0.073	0.269
				13/2	0.385	-0.620
				15/2	0.085	0.290
				17/2	0.459	0.677
9/2	11/2	15/2	1	13/2	0.025	0.158
				15/2	0.306	-0.553
				17/2	0.670	0.818
9/2	11/2	15/2	2	11/2	0.007	-0.081
				13/2	0.139	0.372
				15/2	0.365	-0.603
				17/2	0.022	0.145

KI	KF	II	L	IF	CG**2	CG
				19/2	0.470	0.685
9/2	11/2	17/2	1	15/2	0.040	0.198
				17/2	0.347	-0.589
				19/2	0.615	0.784
9/2	11/2	17/2	2	13/2	0.017	-0.130
				15/2	0.189	0.434
				17/2	0.326	-0.570
				19/2	0.002	0.041
				21/2	0.468	0.684
9/2	11/2	19/2	1	17/2	0.053	0.229
				19/2	0.376	-0.613
				21/2	0.572	0.756
9/2	11/2	19/2	2	15/2	0.029	-0.170
				17/2	0.225	0.474
				19/2	0.285	-0.534
				21/2	0.002	-0.036
				23/2	0.461	0.679
9/2	11/2	21/2	1	19/2	0.065	0.255
				21/2	0.398	-0.630
				23/2	0.538	0.733
9/2	11/2	21/2	2	17/2	0.042	-0.203
				19/2	0.250	0.500
				21/2	0.249	-0.498
				23/2	0.010	-0.096
				25/2	0.452	0.672
9/2	11/2	23/2	1	21/2	0.077	0.276
				23/2	0.414	-0.643
				25/2	0.510	0.714
9/2	11/2	23/2	2	19/2	0.053	-0.230
				21/2	0.268	0.518
				23/2	0.218	-0.466
				25/2	0.021	-0.143
				27/2	0.442	0.665
9/2	11/2	25/2	1	23/2	0.087	0.294
				25/2	0.427	-0.653
				27/2	0.488	0.698
9/2	11/2	25/2	2	21/2	0.064	-0.252
				23/2	0.281	0.530
				25/2	0.191	-0.436
				27/2	0.033	-0.181
				29/2	0.432	0.657
9/2	11/2	27/2	1	25/2	0.096	0.309
				27/2	0.437	-0.661
				29/2	0.468	0.684
9/2	11/2	27/2	2	23/2	0.074	-0.272
				25/2	0.291	0.539
				27/2	0.168	-0.410
				29/2	0.046	-0.213
				31/2	0.423	0.650
9/2	11/2	29/2	1	27/2	0.104	0.322
				29/2	0.445	-0.667
				31/2	0.452	0.672
9/2	11/2	29/2	2	25/2	0.084	-0.288
				27/2	0.297	0.545
				29/2	0.149	-0.386
				31/2	0.058	-0.239
				33/2	0.414	0.643
9/2	13/2	9/2	2	13/2	1.000	1.000

KI	KF	II	L	IF	CG**2	CG
9/2	13/2	11/2	2	13/2	0.267	-0.516
				15/2	0.734	0.856
9/2	13/2	13/2	2	13/2	0.050	0.224
				15/2	0.377	-0.614
				17/2	0.574	0.757
9/2	13/2	15/2	2	13/2	0.006	-0.077
				15/2	0.102	0.319
				17/2	0.423	-0.650
				19/2	0.470	0.685
9/2	13/2	17/2	2	13/2	0.001	0.018
				15/2	0.016	-0.124
				17/2	0.147	0.382
				19/2	0.441	-0.664
				21/2	0.398	0.631
9/2	13/2	19/2	2	15/2	0.002	0.032
				17/2	0.027	-0.163
				19/2	0.183	0.427
				21/2	0.445	-0.667
				23/2	0.346	0.588
9/2	13/2	21/2	2	17/2	0.003	0.045
				19/2	0.039	-0.195
				21/2	0.212	0.460
				23/2	0.443	-0.665
				25/2	0.307	0.554
9/2	13/2	23/2	2	19/2	0.004	0.057
				21/2	0.050	-0.222
				23/2	0.235	0.484
				25/2	0.437	-0.661
				27/2	0.277	0.525
9/2	13/2	25/2	2	21/2	0.005	0.068
				23/2	0.060	-0.245
				25/2	0.254	0.503
				27/2	0.431	-0.656
				29/2	0.252	0.502
9/2	13/2	27/2	2	23/2	0.007	0.078
				25/2	0.070	-0.264
				27/2	0.269	0.518
				29/2	0.423	-0.650
				31/2	0.233	0.482
9/2	13/2	29/2	2	25/2	0.008	0.088
				27/2	0.080	-0.281
				29/2	0.282	0.531
				31/2	0.416	-0.644
				33/2	0.217	0.465
11/2	7/2	11/2	2	7/2	0.667	0.816
				9/2	0.257	0.506
				11/2	0.066	0.257
				13/2	0.011	0.101
				15/2	0.001	0.027
11/2	7/2	13/2	2	9/2	0.495	0.703
				11/2	0.352	0.593
				13/2	0.127	0.356
				15/2	0.025	0.158
				17/2	0.003	0.046
11/2	7/2	15/2	2	11/2	0.393	0.627
				13/2	0.389	0.623
				15/2	0.175	0.418
				17/2	0.041	0.201

KI	KF	II	L	IF	CG**2	CG
				19/2	0.004	0.062
11/2	7/2	17/2	2	13/2	0.328	0.572
				15/2	0.401	0.633
				17/2	0.212	0.460
				19/2	0.056	0.235
				21/2	0.006	0.076
11/2	7/2	19/2	2	15/2	0.282	0.531
				17/2	0.403	0.634
				19/2	0.240	0.489
				21/2	0.069	0.262
				23/2	0.008	0.089
11/2	7/2	21/2	2	17/2	0.249	0.499
				19/2	0.400	0.632
				21/2	0.261	0.511
				23/2	0.081	0.285
				25/2	0.010	0.100
11/2	7/2	23/2	2	19/2	0.224	0.473
				21/2	0.395	0.628
				23/2	0.278	0.527
				25/2	0.092	0.303
				27/2	0.012	0.109
11/2	7/2	25/2	2	21/2	0.205	0.452
				23/2	0.389	0.623
				25/2	0.292	0.540
				27/2	0.102	0.319
				29/2	0.014	0.118
11/2	7/2	27/2	2	23/2	0.190	0.435
				25/2	0.382	0.618
				27/2	0.303	0.550
				29/2	0.111	0.333
				31/2	0.016	0.125
11/2	7/2	29/2	2	25/2	0.177	0.420
				27/2	0.376	0.613
				29/2	0.312	0.558
				31/2	0.119	0.344
				33/2	0.018	0.132
11/2	7/2	31/2	2	27/2	0.167	0.408
				29/2	0.370	0.608
				31/2	0.319	0.565
				33/2	0.126	0.355
				35/2	0.020	0.138
11/2	9/2	11/2	1	9/2	0.834	0.913
				11/2	0.154	0.392
				13/2	0.013	0.113
11/2	9/2	11/2	2	9/2	0.577	0.760
				11/2	0.330	0.574
				13/2	0.085	0.291
				15/2	0.009	0.094
11/2	9/2	13/2	1	11/2	0.726	0.852
				13/2	0.247	0.496
				15/2	0.029	0.169
11/2	9/2	13/2	2	9/2	0.220	-0.469
				11/2	0.216	0.464
				13/2	0.385	0.620
				15/2	0.159	0.398
				17/2	0.022	0.148
11/2	9/2	15/2	1	13/2	0.650	0.806
				15/2	0.306	0.553

KI	KF	II	L	IF	CG**2	CG
				17/2	0.045	0.210
11/2	9/2	15/2	2	11/2	0.315	-0.561
				13/2	0.074	0.271
				15/2	0.365	0.603
				17/2	0.212	0.460
				19/2	0.037	0.190
11/2	9/2	17/2	1	15/2	0.595	0.771
				17/2	0.347	0.589
				19/2	0.059	0.242
11/2	9/2	17/2	2	13/2	0.357	-0.597
				15/2	0.019	0.137
				17/2	0.326	0.570
				19/2	0.250	0.499
				21/2	0.051	0.224
11/2	9/2	19/2	1	17/2	0.553	0.743
				19/2	0.376	0.613
				21/2	0.072	0.267
11/2	9/2	19/2	2	15/2	0.376	-0.613
				17/2	0.002	0.039
				19/2	0.285	0.534
				21/2	0.275	0.524
				23/2	0.064	0.251
11/2	9/2	21/2	1	19/2	0.520	0.721
				21/2	0.398	0.630
				23/2	0.084	0.288
11/2	9/2	21/2	2	17/2	0.383	-0.619
				19/2	0.002	-0.034
				21/2	0.249	0.498
				23/2	0.293	0.541
				25/2	0.076	0.274
11/2	9/2	23/2	1	21/2	0.493	0.702
				23/2	0.414	0.643
				25/2	0.094	0.306
11/2	9/2	23/2	2	19/2	0.384	-0.620
				21/2	0.009	-0.092
				23/2	0.218	0.466
				25/2	0.305	0.552
				27/2	0.087	0.294
11/2	9/2	25/2	1	23/2	0.471	0.686
				25/2	0.427	0.653
				27/2	0.103	0.320
11/2	9/2	25/2	2	21/2	0.383	-0.618
				23/2	0.019	-0.138
				25/2	0.191	0.436
				27/2	0.313	0.559
				29/2	0.096	0.310
11/2	9/2	27/2	1	25/2	0.453	0.673
				27/2	0.437	0.661
				29/2	0.111	0.333
11/2	9/2	27/2	2	23/2	0.379	-0.615
				25/2	0.031	-0.175
				27/2	0.168	0.410
				29/2	0.318	0.564
				31/2	0.105	0.324
11/2	9/2	29/2	1	27/2	0.437	0.661
				29/2	0.445	0.667
				31/2	0.119	0.344
11/2	9/2	29/2	2	25/2	0.375	-0.612

KI	KF	II	L	IF	CG**2	CG
				27/2	0.043	-0.206
				29/2	0.149	0.386
				31/2	0.322	0.567
				33/2	0.113	0.336
11/2	9/2	31/2	1	29/2	0.424	0.651
				31/2	0.452	0.672
				33/2	0.125	0.354
11/2	9/2	31/2	2	27/2	0.370	-0.608
				29/2	0.054	-0.231
				31/2	0.133	0.364
				33/2	0.324	0.569
				35/2	0.121	0.347
11/2	11/2	11/2	1	11/2	0.847	0.920
				13/2	0.154	0.392
11/2	11/2	11/2	2	11/2	0.605	0.777
				13/2	0.339	0.582
				15/2	0.058	0.239
11/2	11/2	13/2	1	11/2	0.132	-0.363
				13/2	0.621	0.788
				15/2	0.248	0.498
11/2	11/2	13/2	2	11/2	0.291	-0.539
				13/2	0.189	0.434
				15/2	0.407	0.638
				17/2	0.115	0.339
11/2	11/2	15/2	1	13/2	0.217	-0.465
				15/2	0.475	0.689
				17/2	0.309	0.556
11/2	11/2	15/2	2	11/2	0.043	0.207
				13/2	0.356	-0.597
				15/2	0.046	0.213
				17/2	0.394	0.627
				19/2	0.163	0.403
11/2	11/2	17/2	1	15/2	0.275	-0.524
				17/2	0.375	0.612
				19/2	0.351	0.592
11/2	11/2	17/2	2	13/2	0.090	0.299
				15/2	0.350	-0.591
				17/2	0.004	0.062
				19/2	0.357	0.597
				21/2	0.201	0.448
11/2	11/2	19/2	1	17/2	0.316	-0.562
				19/2	0.304	0.551
				21/2	0.381	0.617
11/2	11/2	19/2	2	15/2	0.131	0.361
				17/2	0.322	-0.567
				19/2	0.003	-0.045
				21/2	0.317	0.563
				23/2	0.231	0.480
11/2	11/2	21/2	1	19/2	0.347	-0.588
				21/2	0.251	0.501
				23/2	0.404	0.635
11/2	11/2	21/2	2	17/2	0.165	0.405
				19/2	0.288	-0.536
				21/2	0.016	-0.125
				23/2	0.279	0.528
				25/2	0.254	0.504
11/2	11/2	23/2	1	21/2	0.370	-0.608
				23/2	0.211	0.459

KI	KF	II	L	IF	CG**2	CG
				25/2	0.420	0.648
11/2	11/2	23/2	2	19/2	0.192	0.438
				21/2	0.256	-0.505
				23/2	0.035	-0.185
				25/2	0.246	0.495
				27/2	0.273	0.522
11/2	11/2	25/2	1	23/2	0.388	-0.623
				25/2	0.180	0.423
				27/2	0.434	0.658
11/2	11/2	25/2	2	21/2	0.215	0.464
				23/2	0.227	-0.476
				25/2	0.054	-0.232
				27/2	0.217	0.466
				29/2	0.288	0.537
11/2	11/2	27/2	1	25/2	0.403	-0.634
				27/2	0.155	0.393
				29/2	0.444	0.666
11/2	11/2	27/2	2	23/2	0.234	0.484
				25/2	0.202	-0.449
				27/2	0.073	-0.269
				29/2	0.193	0.438
				31/2	0.301	0.548
11/2	11/2	29/2	1	27/2	0.414	-0.643
				29/2	0.135	0.367
				31/2	0.452	0.672
11/2	11/2	29/2	2	25/2	0.250	0.500
				27/2	0.180	-0.424
				29/2	0.090	-0.299
				31/2	0.172	0.414
				33/2	0.311	0.557
11/2	11/2	31/2	1	29/2	0.424	-0.651
				31/2	0.119	0.344
				33/2	0.459	0.677
11/2	11/2	31/2	2	27/2	0.263	0.513
				29/2	0.161	-0.401
				31/2	0.105	-0.323
				33/2	0.154	0.392
				35/2	0.319	0.565
11/2	13/2	11/2	1	13/2	1.000	1.000
11/2	13/2	11/2	2	13/2	0.734	0.856
				15/2	0.267	0.516
11/2	13/2	13/2	1	13/2	0.134	-0.365
				15/2	0.867	0.931
11/2	13/2	13/2	2	13/2	0.300	-0.548
				15/2	0.318	0.564
				17/2	0.383	0.618
11/2	13/2	15/2	1	13/2	0.009	0.091
				15/2	0.220	-0.469
				17/2	0.773	0.879
11/2	13/2	15/2	2	13/2	0.058	0.239
				15/2	0.377	-0.614
				17/2	0.133	0.364
				19/2	0.434	0.658
11/2	13/2	17/2	1	15/2	0.020	0.140
				17/2	0.279	-0.528
				19/2	0.702	0.838
11/2	13/2	17/2	2	13/2	0.005	-0.068
				15/2	0.116	0.340

KI	KF	II	L	IF	CG**2	CG
				17/2	0.377	-0.613
				19/2	0.050	0.222
				21/2	0.455	0.674
11/2	13/2	19/2	1	17/2	0.032	0.178
				19/2	0.321	-0.566
				21/2	0.648	0.805
11/2	13/2	19/2	2	15/2	0.013	-0.111
				17/2	0.164	0.404
				19/2	0.350	-0.592
				21/2	0.014	0.115
				23/2	0.461	0.679
11/2	13/2	21/2	1	19/2	0.044	0.208
				21/2	0.352	-0.593
				23/2	0.605	0.778
11/2	13/2	21/2	2	17/2	0.022	-0.148
				19/2	0.201	0.448
				21/2	0.317	-0.563
				23/2	0.002	0.034
				25/2	0.460	0.678
11/2	13/2	23/2	1	21/2	0.055	0.233
				23/2	0.376	-0.613
				25/2	0.570	0.755
11/2	13/2	23/2	2	19/2	0.032	-0.179
				21/2	0.229	0.478
				23/2	0.284	-0.533
				25/2	0.001	-0.030
				27/2	0.455	0.674
11/2	13/2	25/2	1	23/2	0.065	0.254
				25/2	0.395	-0.628
				27/2	0.542	0.736
11/2	13/2	25/2	2	21/2	0.043	-0.205
				23/2	0.250	0.500
				25/2	0.254	-0.503
				27/2	0.007	-0.082
				29/2	0.448	0.669
11/2	13/2	27/2	1	25/2	0.075	0.272
				27/2	0.409	-0.639
				29/2	0.518	0.719
11/2	13/2	27/2	2	23/2	0.052	-0.228
				25/2	0.266	0.516
				27/2	0.227	-0.476
				29/2	0.016	-0.124
				31/2	0.441	0.664
11/2	13/2	29/2	1	27/2	0.083	0.288
				29/2	0.421	-0.648
				31/2	0.497	0.705
11/2	13/2	29/2	2	25/2	0.062	-0.248
				27/2	0.278	0.527
				29/2	0.203	-0.450
				31/2	0.026	-0.159
				33/2	0.433	0.658
11/2	13/2	31/2	1	29/2	0.091	0.301
				31/2	0.431	-0.656
				33/2	0.480	0.692
11/2	13/2	31/2	2	27/2	0.071	-0.265
				29/2	0.287	0.536
				31/2	0.183	-0.427
				33/2	0.036	-0.189

KI	KF	II	L	IF	CG**2	CG
				35/2	0.426	0.652
13/2	9/2	13/2	2	9/2	0.715	0.845
				11/2	0.229	0.478
				13/2	0.050	0.224
				15/2	0.007	0.082
				17/2	0.001	0.020
13/2	9/2	15/2	2	11/2	0.550	0.742
				13/2	0.330	0.574
				15/2	0.102	0.319
				17/2	0.018	0.132
				19/2	0.002	0.036
13/2	9/2	17/2	2	13/2	0.447	0.668
				15/2	0.376	0.613
				17/2	0.147	0.382
				19/2	0.030	0.172
				21/2	0.003	0.050
13/2	9/2	19/2	2	15/2	0.376	0.613
				17/2	0.397	0.630
				19/2	0.183	0.427
				21/2	0.042	0.205
				23/2	0.004	0.063
13/2	9/2	21/2	2	17/2	0.326	0.570
				19/2	0.405	0.636
				21/2	0.212	0.460
				23/2	0.054	0.232
				25/2	0.006	0.074
13/2	9/2	23/2	2	19/2	0.288	0.537
				21/2	0.406	0.637
				23/2	0.235	0.484
				25/2	0.065	0.255
				27/2	0.008	0.085
13/2	9/2	25/2	2	21/2	0.260	0.509
				23/2	0.404	0.635
				25/2	0.254	0.503
				27/2	0.076	0.274
				29/2	0.009	0.094
13/2	9/2	27/2	2	23/2	0.237	0.486
				25/2	0.400	0.632
				27/2	0.269	0.518
				29/2	0.085	0.291
				31/2	0.011	0.102
13/2	9/2	29/2	2	25/2	0.219	0.467
				27/2	0.395	0.628
				29/2	0.282	0.531
				31/2	0.094	0.306
				33/2	0.013	0.110
13/2	9/2	31/2	2	27/2	0.204	0.451
				29/2	0.390	0.624
				31/2	0.293	0.541
				33/2	0.102	0.318
				35/2	0.014	0.117
13/2	9/2	33/2	2	29/2	0.191	0.437
				31/2	0.385	0.620
				33/2	0.302	0.549
				35/2	0.109	0.330
				37/2	0.016	0.123
13/2	11/2	13/2	1	11/2	0.858	0.926
				13/2	0.134	0.365

KI	KF	II	L	IF	CG**2	CG
				15/2	0.010	0.098
13/2	11/2	13/2	2	11/2	0.629	0.793
				13/2	0.300	0.548
				15/2	0.066	0.256
				17/2	0.006	0.077
13/2	11/2	15/2	1	13/2	0.759	0.871
				15/2	0.220	0.469
				17/2	0.023	0.149
13/2	11/2	15/2	2	11/2	0.200	-0.447
				13/2	0.278	0.527
				15/2	0.377	0.614
				17/2	0.131	0.361
				19/2	0.016	0.124
13/2	11/2	17/2	1	15/2	0.687	0.828
				17/2	0.279	0.528
				19/2	0.036	0.187
13/2	11/2	17/2	2	13/2	0.298	-0.545
				15/2	0.118	0.343
				17/2	0.377	0.613
				19/2	0.182	0.426
				21/2	0.027	0.164
13/2	11/2	19/2	1	17/2	0.632	0.795
				19/2	0.321	0.566
				21/2	0.048	0.218
13/2	11/2	19/2	2	15/2	0.347	-0.589
				17/2	0.045	0.210
				19/2	0.350	0.592
				21/2	0.221	0.470
				23/2	0.039	0.196
13/2	11/2	21/2	1	19/2	0.589	0.767
				21/2	0.352	0.593
				23/2	0.060	0.243
13/2	11/2	21/2	2	17/2	0.372	-0.610
				19/2	0.013	0.110
				21/2	0.317	0.563
				23/2	0.250	0.499
				25/2	0.050	0.223
13/2	11/2	23/2	1	21/2	0.555	0.745
				23/2	0.376	0.613
				25/2	0.070	0.265
13/2	11/2	23/2	2	19/2	0.384	-0.620
				21/2	0.002	0.032
				23/2	0.284	0.533
				25/2	0.271	0.520
				27/2	0.061	0.246
13/2	11/2	25/2	1	23/2	0.527	0.725
				25/2	0.395	0.628
				27/2	0.080	0.282
13/2	11/2	25/2	2	21/2	0.389	-0.624
				23/2	0.001	-0.029
				25/2	0.254	0.503
				27/2	0.287	0.535
				29/2	0.071	0.266
13/2	11/2	27/2	1	25/2	0.503	0.709
				27/2	0.409	0.639
				29/2	0.089	0.298
13/2	11/2	27/2	2	23/2	0.390	-0.624
				25/2	0.007	-0.079

KI	KF	II	L	IF	CG**2	CG
				27/2	0.227	0.476
				29/2	0.298	0.546
				31/2	0.081	0.283
13/2	11/2	29/2	1	27/2	0.483	0.695
				29/2	0.421	0.648
				31/2	0.097	0.311
13/2	11/2	29/2	2	25/2	0.389	-0.623
				27/2	0.015	-0.120
				29/2	0.203	0.450
				31/2	0.306	0.553
				33/2	0.089	0.298
13/2	11/2	31/2	1	29/2	0.466	0.682
				31/2	0.431	0.656
				33/2	0.105	0.323
13/2	11/2	31/2	2	27/2	0.386	-0.621
				29/2	0.024	-0.154
				31/2	0.183	0.427
				33/2	0.312	0.559
				35/2	0.097	0.311
13/2	11/2	33/2	1	31/2	0.451	0.672
				33/2	0.439	0.662
				35/2	0.111	0.333
13/2	11/2	33/2	2	29/2	0.382	-0.618
				31/2	0.034	-0.183
				33/2	0.165	0.405
				35/2	0.317	0.562
				37/2	0.104	0.322
13/2	13/2	13/2	1	13/2	0.867	0.931
				15/2	0.134	0.365
13/2	13/2	13/2	2	13/2	0.650	0.806
				15/2	0.306	0.553
				17/2	0.045	0.210
13/2	13/2	15/2	1	13/2	0.117	-0.342
				15/2	0.663	0.814
				17/2	0.221	0.470
13/2	13/2	15/2	2	13/2	0.268	-0.517
				15/2	0.248	0.497
				17/2	0.393	0.626
				19/2	0.093	0.305
13/2	13/2	17/2	1	15/2	0.197	-0.443
				17/2	0.524	0.723
				19/2	0.281	0.530
13/2	13/2	17/2	2	13/2	0.035	0.185
				15/2	0.349	-0.591
				17/2	0.082	0.286
				19/2	0.399	0.631
				21/2	0.137	0.369
13/2	13/2	19/2	1	17/2	0.253	-0.503
				19/2	0.424	0.651
				21/2	0.324	0.569
13/2	13/2	19/2	2	15/2	0.075	0.273
				17/2	0.359	-0.599
				19/2	0.019	0.136
				21/2	0.376	0.613
				23/2	0.173	0.416
13/2	13/2	21/2	1	19/2	0.295	-0.543
				21/2	0.350	0.592
				23/2	0.356	0.596

KI	KF	II	L	IF	CG**2	CG
13/2	13/2	21/2	2	17/2	0.112	0.334
				19/2	0.342	-0.584
				21/2	0.001	0.025
				23/2	0.344	0.586
				25/2	0.203	0.450
13/2	13/2	23/2	1	21/2	0.327	-0.571
				23/2	0.294	0.542
				25/2	0.380	0.616
13/2	13/2	23/2	2	19/2	0.144	0.379
				21/2	0.315	-0.561
				23/2	0.004	-0.059
				25/2	0.311	0.557
				27/2	0.228	0.477
13/2	13/2	25/2	1	23/2	0.351	-0.592
				25/2	0.251	0.500
				27/2	0.399	0.632
13/2	13/2	25/2	2	21/2	0.172	0.414
				23/2	0.287	-0.535
				25/2	0.016	-0.125
				27/2	0.279	0.528
				29/2	0.248	0.498
13/2	13/2	27/2	1	25/2	0.371	-0.609
				27/2	0.216	0.465
				29/2	0.414	0.643
13/2	13/2	27/2	2	23/2	0.195	0.441
				25/2	0.260	-0.509
				27/2	0.032	-0.177
				29/2	0.251	0.501
				31/2	0.265	0.514
13/2	13/2	29/2	1	27/2	0.387	-0.621
				29/2	0.188	0.434
				31/2	0.426	0.653
13/2	13/2	29/2	2	25/2	0.215	0.463
				27/2	0.234	-0.484
				29/2	0.048	-0.218
				31/2	0.226	0.475
				33/2	0.279	0.527
13/2	13/2	31/2	1	29/2	0.400	-0.632
				31/2	0.166	0.406
				33/2	0.436	0.660
13/2	13/2	31/2	2	27/2	0.232	0.481
				29/2	0.212	-0.460
				31/2	0.064	-0.253
				33/2	0.204	0.451
				35/2	0.290	0.538
13/2	13/2	33/2	1	31/2	0.410	-0.640
				33/2	0.147	0.383
				35/2	0.444	0.666
13/2	13/2	33/2	2	29/2	0.246	0.495
				31/2	0.192	-0.438
				33/2	0.079	-0.281
				35/2	0.185	0.429
				37/2	0.300	0.548