

NO NOISE

Noisy Mode: Runa Nov-13, 58

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7177672	-6	7.2150141	-5	-2.8344653	-5	2.4050008
-7	7.4000399	-5	-5.1800070	-4	2.1978022	-4	-1.9240015
-6	-1.0175081	-5	9.1575129	-4	-4.1208791	-4	3.7037031
-7	4.5104115	-5	-4.7360059	-4	2.2326879	-4	-2.0522689

C MATRIX

0	6.0948746	2	-2.5599864	3	1.0057073	2	-8.3332743
1	-2.6256361	3	1.8379379	3	-7.7981051	3	6.8266223
1	3.6102589	3	-3.2492118	4	1.4621447	4	-1.3141249
1	-1.6003562	3	1.6804001	3	-7.9218845	3	7.2817330

P MATRIX

0	1.0000000	-4	-2.5939941	-4	-7.17116308	-4	6.8664550
-5	-1.7732382	0	1.0001602	-4	-1.5258789	-4	2.6702880
-6	-4.3759355	-5	-5.0753354	0	1.0001576	-4	1.6301870
-6	-1.1622906	-5	-3.5285949	-5	-6.1035156	0	1.0003624

$\sum |E|_{\text{row}} = .0030950$

$\frac{1}{16} \text{ave} = 1.9350 \times 10^{-4}$

(1.585×2^{-13})

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7174716	-6	7.2149923	-5	-2.8344657	-5	3.4050052
-7	7.3998125	-5	-5.1800015	-4	2.1978035	-4	1.9240021
-6	-1.0174808	-5	9.1574969	-4	-4.1208811	-4	3.7037028
-7	4.5100205	-5	-4.7360109	-4	2.2326887	-4	-3.0522671

C MATRIX

0	6.0976152	2	-2.5615706	3	1.0063329	2	-8.5385962
1	-2.6271881	3	1.8390788	3	-7.8029589	3	4.8308696
1	3.6124070	3	-3.2512265	4	1.4630546	4	-1.8149419
1	-1.6012124	3	1.6814469	3	-7.9268132	3	7.2862543

P MATRIX

0	1.0000002	-3	1.9149780	-3	-1.1291504	-4	-9.7656250
-5	-5.7816504	0	1.0016518	-4	-2.1362305	-4	-3.6621094
-5	-1.2551725	-4	5.0491839	0	1.0007374	-4	-2.1588802
-6	-1.9967556	-4	3.7574768	-5	-6.1035156	0	1.0007095

ave err = 5.6432×10^{-4}
 (1.156 x 2⁻¹¹)

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7172806	-6	7.2149777	-5	-2.8344631	-5	2.4049928
-7	7.3996898	-5	-5.1799801	-4	2.1978006	-4	1.9240004
-6	-1.0174817	-5	9.1574954	-4	-4.1208800	-4	3.7037063
-7	4.5100295	-5	-4.7360277	-4	2.2326866	-4	-2.0522700

C MATRIX

0	6.0997295	2	-2.5627386	3	1.0067929	2	-8.5424628
1	-2.6283477	3	1.8399135	3	-7.8065226	3	6.8339920
1	3.6140648	3	-3.2527152	4	1.4637243	4	-1.2155455
1	-1.6019491	3	1.6822230	3	-7.9304366	3	7.2896020

P MATRIX

0	1.0000002	-4	2.8991699	-3	3.4179687	-3	-1.3427734
-4	-1.2031197	0	1.0017548	-3	1.6403198	-3	-1.0910034
-5	-4.4092477	-4	3.4152716	0	1.0023091	-4	-6.1517953
-5	-2.2858381	-4	2.8514862	-4	7.7056834	0	1.0008240

ave EMD = 9.12135×10^{-4}
 (1.903 $\times 10^{-11}$)

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.8333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7174716	-6	7.2149340	-5	-2.8344657	-5	2.4050052
-7	7.3998125	-5	-5.1800015	-4	2.1978024	-4	-1.9240038
-6	-1.0175099	-5	9.1574969	-4	-4.1208811	-4	3.7037028
-7	4.5103115	-5	-4.7360052	-4	2.2326875	-4	-2.0522694

C MATRIX

0	6.0970884	2	-2.5613286	3	1.0062459	2	-3.5378585
1	-2.6269611	3	1.8389199	3	-7.8022806	3	4.8302836
1	3.6121983	3	-3.2509456	4	1.4629282	4	-1.8148284
1	-1.6011775	3	1.6812996	3	-7.9261242	3	7.0856331

P MATRIX

0	1.0000000	-3	3.4484863	-3	1.9836426	-3	3.0822754
-5	-3.9458274	0	1.0017204	-3	1.0070801	-3	1.8732910
-6	-4.8329238	-4	5.6532024	0	1.0014521	-4	3.5729359
-6	2.2351741	-4	4.1198730	-4	4.8828125	0	1.0014114

.0178478

$$\text{ave } e = 11.1549 \times 10^{-4}$$

$$(1.142 \times 2^{-10})$$

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	3.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	5.2500000

B MATRIX

-7	-1.7172806	-6	7.2148904	-5	-2.8344631	-5	2.4049921
-7	7.3998171	-5	-5.1799772	-4	2.1978012	-4	-1.9240033
-6	-1.0175381	-5	9.1575012	-4	-4.1208800	-4	3.7037066
-7	4.5103115	-5	-4.7360175	-4	2.2326884	-4	-2.0522688

C MATRIX

0	6.0985633	2	-2.5622176	3	1.0066004	2	-8.5408269
1	-2.6278905	3	1.8395607	3	-7.8050319	3	6.8326959
1	3.6135740	3	-3.2520952	4	1.4634444	4	-1.3152940
1	-1.6017429	3	1.6818977	3	-7.9289264	3	7.2882039

P MATRIX

0	1.0000007	-3	1.2359619	-4	8.2397460	-3	2.8381347
-5	-3.4660101	0	1.0012798	-4	4.8828125	-4	1.5258789
-6	9.4374408	-4	1.0310858	0	1.0014699	-5	-1.2457371
-5	1.5631318	-5	7.5340270	-4	2.3269653	0	1.0010796

ave E = 6.1576×10^{-4}
 (1.261×2^{-11})

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7178900	-6	7.2149268	-5	-2.8344500	-5	2.4049688
-7	7.3995579	-5	-5.1799990	-4	2.1977999	-4	-1.9239949
-6	-1.0175427	-5	9.1575158	-4	-4.1208788	-4	3.7037013
-7	4.5113846	-5	-4.7360117	-4	2.2326888	-4	-2.0522713

C MATRIX

0	6.0902183	-2	-2.5578169	3	1.0048618	-2	-3.5260324
1	-2.6232718	3	1.8363996	3	-7.7915824	3	6.8208962
1	3.6073656	3	-3.2464985	4	1.4609232	4	-1.8130265
1	-1.5993643	3	1.6789985	3	-7.9152699	3	7.2756584

P MATRIX

0	1.0000000	-3	1.6059875	-3	-3.2348632	-3	4.3487548
-5	9.7587703	-1	9.9956511	-4	-4.9591064	-4	5.4931640
-5	3.8757920	-5	8.6575745	-1	9.9921664	-4	3.7157535
-5	2.0422041	-5	5.7220458	-4	-2.0217895	-1	9.9964904

me error = 1.7240110⁻⁴
 (1.623 × 2⁻¹¹)

PROGRAM HUNG 455_g - 457_g

NOISE APPARENTLY SET SUM TO ZERO
AFTER TEST WAS MADE

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7181446	-6	7.2149523	-5	-2.8344318	-5	2.4049412
-7	7.3993032	-5	-5.1800186	-4	2.1977941	-4	-1.9239833
-6	-1.0175245	-5	9.1575332	-4	-4.1208758	-4	3.7037002
-7	4.5119031	-5	-4.7360277	-4	2.2326853	-4	-2.0522774

C MATRIX

0	6.0869819	2	-2.5560876	3	1.0041725	2	-8.5201401
1	-2.6213988	3	1.8351586	3	-7.7862671	3	6.8162195
1	3.6048494	3	-3.2442984	4	1.4599293	4	-1.3121338
1	-1.5984610	3	1.6778631	3	-7.9098785	3	7.2707354

P MATRIX

0	1.0000013	-3	3.4370422	0	0.0000000	-4	5.0354003
-4	1.0696053	-1	9.9969481	-3	1.6555786	-3	-1.1367798
-5	1.7563521	-4	5.8248638	-1	9.9988292	-4	-6.0245394
-6	-3.6507845	-4	4.1103362	-4	7.6675414	-1	9.9844359

ave. for 2 = 7.0023×10^{-4}
 (1.434×2^{-11})

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	3.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	5.2500000

B MATRIX

-7	-1.7178900	-6	7.2149268	-5	-2.8344500	-5	2.4049688
-7	7.3995579	-5	-5.1799990	-4	2.1977999	-4	-1.9239949
-6	-1.0174845	-5	9.1575158	-4	-4.1208788	-4	3.7037013
-7	4.5107299	-5	-4.7360117	-4	2.2326935	-4	-2.0522719

C MATRIX

0	6.0908751	2	-2.5580927	3	1.0049701	2	-3.5269518
1	-2.6235547	3	1.8365977	3	-7.7924227	3	6.8216318
1	3.6075482	3	-3.2468485	4	1.4610807	4	-1.8131681
1	-1.5993046	3	1.6791795	3	-7.9161399	3	7.2764449

P MATRIX

0	1.0000005	-3	1.5869141	-3	-7.0800780	-3	5.2032470
-5	9.3057750	-1	9.9970244	-3	-2.4185180	-4	8.5449219
-5	4.4534623	-5	8.5309147	-1	9.9787639	-4	5.2669643
-5	2.7805566	-5	6.8664551	-3	-1.1596680	-1	9.9990844

the first = 10^{-8} 8.344×10^{-4}
 (1.115×2^{-10})

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7181446	-6	7.2150105	-5	-2.8344318	-5	2.4049397
-7	7.3995397	-5	-5.1800012	-4	2.1977906	-4	1.9239846
-6	-1.0175063	-5	9.1574982	-4	-4.1208758	-4	3.7037008
-7	4.5111937	-5	-4.7360030	-4	2.2326935	-4	-2.0522815

C MATRIX

0	6.0870189	2	-2.5561239	3	1.0041786	2	-8.5201870
1	-2.6214986	3	1.8351636	3	-7.7863022	3	6.8162658
1	3.6048071	3	-3.2443058	4	1.4599382	4	-1.8121420
1	-1.5982195	3	1.6778646	3	-7.9099555	3	7.2707942

P MATRIX

0	1.0000016	-4	2.9754638	-4	-9.7656250	-3	6.0272216
-4	1.8933415	-1	9.9893759	-5	8.3923340	-3	1.3885498
-5	8.4598896	-4	1.2981146	-1	9.9876649	-3	7.0480285
-5	5.0932168	-5	9.2506407	-4	-1.2588501	-1	9.9954222

8.2818 x 10⁻⁴
 (1.696 x 2⁻¹¹)

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7171715	-6	7.2149886	-5	-2.8344901	-5	2.4050256
-7	7.3996125	-5	-5.1799586	-4	2.1978135	-4	-1.9240102
-6	-1.0175154	-5	9.1575129	-4	-4.1208884	-4	3.7037101
-7	4.5098658	-5	-4.7360495	-4	2.2326879	-4	-2.0522754

C MATRIX

0	6.0975491	2	-2.5619892	3	1.0065065	2	-8.5400679
1	-2.6275476	3	1.8393650	3	-7.8042735	3	6.8320181
1	3.6131218	3	-3.2517651	4	1.4632971	4	-1.3151601
1	-1.6014201	3	1.6817362	3	-7.9281099	3	7.2874780

P MATRIX

0	1.0000007	-3	-3.9482116	-4	-8.5449219	-3	4.5471191
-5	9.1135501	0	1.0002441	-4	-1.8310547	-3	3.0059814
-5	9.7448646	-4	-3.5529583	0	1.0009943	-3	1.9584894
-5	8.2969664	-4	-2.2315979	-5	6.1035156	0	1.0024185

$\lambda_1 \approx -11.916 \times 10^{-4}$
 (1.220×10^{-10})

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7169441	-6	7.2151305	-5	-2.8344540	-5	2.4049390
-7	7.3996033	-5	-5.1799335	-4	2.1978049	-4	-1.9240082
-6	-1.0176354	-5	9.1574780	-4	-4.1208935	-4	3.7037095
-7	4.5110845	-5	-4.7360357	-4	2.2326682	-4	-2.0522625

C MATRIX

0	6.0994993	2	-2.5631983	3	1.0069490	2	-8.5436239
1	-2.6287331	3	1.8401881	3	-7.8077731	3	6.8351018
1	3.6151830	3	-3.2532236	4	1.4639607	4	-1.3157548
1	-1.6025775	3	1.6824920	3	-7.9316263	3	7.2907290

P MATRIX

-1	9.9999993	-2	-1.0696411	-2	2.5360107	-2	2.1514892
-6	4.2021274	-1	9.9925612	-2	1.3381958	-3	2.6702880
-5	3.7545978	-3	-1.1245906	0	1.0102665	-4	8.7764858
-5	3.6984682	-4	-7.2956084	-3	6.6070556	0	1.0020752

$ans_{sum} = 60.7040 \times 10^{-4}$
 (1.557×2^{-8})

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	4.2500000

B MATRIX

-7	-1.7171715	-6	7.2149886	-5	-2.8344901	-5	2.4050256
-7	7.3996125	-5	-5.1799586	-4	2.1978135	-4	-1.9240102
-6	-1.0175154	-5	9.1575129	-4	-4.1208884	-4	3.7037101
-7	4.5099386	-5	-4.7360495	-4	2.2326879	-4	-2.0522754

C MATRIX

0	6.0979430	2	-2.5621547	3	1.0065715	2	-8.5406198
1	-2.6277175	3	1.8394839	3	-7.8047778	3	6.8324595
1	3.6133554	3	-3.2519753	4	1.4633916	4	-1.8152451
1	-1.6015494	3	1.6818449	3	-7.9286223	3	7.2879491

P MATRIX

0	1.0000010	-3	-4.0397643	-3	-1.0070801	-3	4.5166015
-5	5.9217214	0	1.0002632	-4	-3.7384033	-3	2.9449463
-5	7.5747607	-4	-3.6673992	0	1.0009358	-3	1.9025206
-5	6.6533684	-4	-2.3174286	-5	-3.8146973	0	1.0025063

$$\text{max } E = 12.0805 \times 10^{-4}$$

$$(1237 \times 10^{-10})$$

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7169441	-6	7.2154797	-5	-2.8344540	-5	2.4049477
-7	7.4018953	-5	-5.1798986	-4	2.1978026	-4	-1.9240167
-6	-1.0177246	-5	9.1575012	-4	-4.1208935	-4	3.7037106
-7	4.5097294	-5	-4.7360495	-4	2.2326705	-4	-2.0522503

C MATRIX

0	6.1105813	2	-2.5679797	3	1.0087784	2	-8.5591770
1	-2.6343247	3	1.8435190	3	-7.8219504	3	6.8475498
1	3.6220682	3	-3.2591426	4	1.4666206	4	-1.3181457
1	-1.6050067	3	1.6855538	3	-7.9460447	3	7.3039317

P MATRIX

-1	9.9999921	-2	-3.0807494	-2	2.7450561	-2	2.1240234
-4	-3.0040741	-1	9.9605176	-2	1.3809204	-3	1.0299682
-5	-8.7653577	-3	-4.0994211	0	1.0125681	-4	-3.2272935
-5	-3.2618641	-3	-2.7780532	-3	6.8817137	0	1.0027924

7.0030154
1.025 x 2⁻⁹

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7178581	-6	7.2152069	-5	-2.8344063	-5	2.4049201
-7	7.3989258	-5	-5.1800183	-4	2.1978101	-4	-1.9239972
-6	-1.0175299	-5	9.1575842	-4	-4.1208605	-4	3.7036763
-7	4.5115575	-5	-4.7360590	-4	2.2326577	-4	-2.0522468

C MATRIX

0	6.0858192	2	-2.5561161	3	1.0041392	2	-8.5198588
1	-2.6212018	3	1.8351140	3	-7.7861351	3	6.8161039
1	3.6047814	3	-3.2442378	4	1.4598885	4	-1.3120936
1	-1.5982999	3	1.6778335	3	-7.9095893	3	7.2704515

P MATRIX

-1	9.9999945	-3	-8.6936949	-2	-3.0807494	-2	3.4530639
-4	3.0644238	-1	9.9661826	-3	-5.0125121	-3	7.3242187
-4	1.5833479	-3	-1.1055171	-1	9.9647515	-3	3.9090514
-4	1.0278076	-4	-7.6770782	-3	-1.4228821	0	1.0012894

$$\text{int } e = 6.9609 \times 10^{-4}$$

$$(1.637 \times 2^{-8})$$

A MATRIX

0 1.0000000	-1 5.0000000	-1 3.3333333	-1 2.5000000
-1 2.0000000	-1 1.6666666	-1 1.4285714	-1 1.2500000
-1 1.1111111	-2 9.9999999	-2 9.0909090	-2 8.3333333
-2 7.6923076	-2 7.1428570	-2 6.6666666	-2 6.2500000

B MATRIX

-7-1.7183174	-6 7.2164328	-5-2.8342779	-5 2.4047404
-7 7.4008721	-5-5.1801809	-4 2.1977864	-4-1.9239663
-6-1.0178182	-5 9.1575274	-4-4.1208468	-4 3.7036516
-7 4.5136038	-5-4.7361230	-4 2.2326490	-4-2.0522061

C MATRIX

0 6.0888555	2-2.5571420	3 1.0043260	2-8.5211929
1-2.6224976	3 1.8355964	3-7.7878518	3 6.8175720
1 3.6066369	3-3.2449686	4 1.4602213	4-1.3123884
1-1.5993949	3 1.6782446	3-7.9113885	3 7.2719885

P MATRIX

0 1.0000038	-2-1.1062622	-2-4.2968750	-2 3.5522461
-5 3.9294361	0 1.0034103	-3-2.8381347	-3-3.5781860
-5-2.7204514	-3 3.4575015	-1 9.9799594	-3-4.2086243
-5-3.6202371	-3 2.7246475	-4-2.2506713	-1 9.9527739

$$\text{ave } \epsilon = 73.0183 \times 10^{-4}$$

$$(1.867 \times 2^{-8})$$

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7178581	-6	7.2152069	-5	-2.8344063	-5	2.4049201
-7	7.4012541	-5	-5.1800183	-4	2.1978101	-4	-1.9239972
-6	-1.0175299	-5	9.1575842	-4	-4.1208605	-4	3.7036763
-7	4.5092656	-5	-4.7360794	-4	2.2326577	-4	-2.0522468

C MATRIX

0	6.0985921	2	-2.5614807	3	1.0062466	2	-8.5377403
1	-2.6275296	3	1.8389655	3	-7.8024766	3	6.8304095
1	3.6123472	3	-3.2510468	4	1.4629525	4	-1.3148473
1	-1.6008407	3	1.6813622	3	-7.9261893	3	7.2857102

P MATRIX

0	1.0000020	-3	-6.9198608	-2	-3.1036377	-2	3.3691406
-5	-5.1587819	-1	9.9969863	-3	-4.9209594	-3	7.4539184
-5	1.0301708	-4	-5.0216167	-1	9.9833163	-3	4.0768980
-5	2.1472573	-4	-3.2520294	-3	-1.3427734	0	1.0035439

59.9178 x 10⁻⁴
 (1.534 x 2⁻⁸)

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7183174	-6	7.2162000	-5	-2.8342779	-5	2.4047345
-7	7.4071476	-5	-5.1802042	-4	2.1978003	-4	-1.9239867
-6	-1.0179710	-5	9.1576672	-4	-4.1208468	-4	3.7036585
-7	4.5075193	-5	-4.7359775	-4	2.2326059	-4	-2.0521688

C MATRIX

0	6.1128403	2	-2.5671321	3	1.0082822	2	-8.5547396
1	-2.6350609	3	1.8428354	3	-7.8185800	3	6.8444998
1	3.6213881	3	-3.2578007	4	1.4659735	4	-1.3175606
1	-1.6035306	3	1.6848036	3	-7.9423994	3	7.3005023

P MATRIX

0	1.0000055	-2	-2.8152465	-2	-3.0044555	-2	3.3172607
-4	-2.0343065	-1	9.9700927	-3	8.1405638	-2	-1.1009216
-5	3.9001344	-3	-3.5113170	0	1.0101241	-3	-9.9026858
-5	8.4444879	-3	-2.6168823	-3	6.0958861	-1	9.9503707

00944101 = 208
 (208 * 2^-7)

A MATRIX

0 1.0000000	-1 5.0000000	-1 3.3333333	-1 2.5000000
-1 2.0000000	-1 1.6666666	-1 1.4285714	-1 1.2500000
-1 1.1111111	-2 9.9999999	-2 9.0909090	-2 8.3333333
-2 7.6923076	-2 7.1428570	-2 6.6666666	-2 6.2500000

B MATRIX

-7-1.7119373	-6 7.2143738	-5-2.8344384	-5 2.4049397
-7 7.3998216	-5-5.1801001	-4 2.1977875	-4-1.9239364
-6-1.0173580	-5 9.1573266	-4-4.1208618	-4 3.7036760
-7 4.5009982	-5-4.7356661	-4 2.2327028	-4-2.0522999

C MATRIX

0 6.1587225	2-2.5953826	3 1.0196939	2-8.6518100
1-2.6620980	3 1.8635498	3-7.9065770	3 6.9213928
1 3.6599627	3-3.2943633	4 1.4824868	4-1.3324035
1-1.6192414	3 1.7036637	3-8.0321861	3 7.3831838

P MATRIX

0 1.0000078	-2 3.1776428	-2-1.8157959	-2-3.2226562
-4-6.1994790	0 1.0185089	-3-9.0408324	-3-6.2179565
-5 7.6413270	-3 1.7129034	0 1.0078303	-3-2.7870237
-4 1.9754469	-4 9.7942351	-3-4.5318603	0 1.0128708

0092 2140 = 1.180×2^{-7}

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.8333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7068441	-6	7.2158618	-5	-2.8340488	-5	2.4045723
-7	7.4015269	-5	-5.1799804	-4	2.1976919	-4	-1.9237975
-6	-1.0176245	-5	9.1571796	-4	-4.1208484	-4	3.7037380
-7	4.4986881	-5	-4.7358436	-4	2.2327119	-4	-2.0523587

C MATRIX

0	6.2409680	2	-2.6384346	3	1.0362516	2	-8.7921667
1	-2.7063216	3	1.8940271	3	-8.0357218	3	7.0342422
1	3.7208801	3	-3.3482640	4	1.5067618	4	-1.3542480
1	-1.6449171	3	1.7316308	3	-8.1637683	3	7.5043201

P MATRIX

0	1.0000131	-2	-1.0597229	-2	-1.1703491	-1	-1.7272949
-3	-2.9446780	0	1.0330658	-3	9.9868773	-2	-7.0297240
-3	-1.0270524	-3	1.9443184	0	1.0365499	-2	-4.0865391
-4	-5.0017237	-3	1.3236999	-3	4.0473937	0	1.0019073

02496894
(1.598 x 2⁻⁶)

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7119373	-6	7.2143738	-5	-2.8344384	-5	2.4049397
-7	7.3998216	-5	-5.1801001	-4	2.1977875	-4	-1.9239364
-6	-1.0178237	-5	9.1573266	-4	-4.1208618	-4	3.7036760
-7	4.5062551	-5	-4.7356661	-4	2.2327028	-4	-2.0522999

C MATRIX

0	6.1534365	2	-2.5931551	3	1.0188186	2	-8.6443840
1	-2.6598130	3	1.8619500	3	-7.8997905	3	6.9154520
1	3.6584946	3	-3.2915356	4	1.4812143	4	-1.3312599
1	-1.6197412	3	1.7022014	3	-8.0252907	3	7.3768456

P MATRIX

0	1.0000000	-2	3.1284332	-2	-1.9119263	-2	-3.3691406
-4	-5.9068202	0	1.0177841	-3	-8.8806151	-3	-6.1035155
-5	2.0732579	-3	1.8336996	0	1.0069249	-3	-2.5199949
-4	1.3220310	-4	9.8800658	-3	-4.4059753	0	1.0119743

00414085 = anc 6

(1.170 x 2⁻⁷)

CASE 2 INVERT BIT 23

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	3.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	5.2500000

B MATRIX

-7	-1.7068441	-6	7.2153960	-5	-2.8340488	-5	-2.4045606
-7	7.4076751	-5	-5.1801201	-4	2.1976826	-4	-1.9239145
-6	-1.0189760	-5	9.1574590	-4	-4.1208484	-4	3.7037240
-7	4.5037995	-5	-4.7352856	-4	2.2327009	-4	-2.0522842

C MATRIX

0	6.2375141	2	-2.6368040	3	1.0356786	2	-8.7872585
1	-2.7070707	3	1.8930300	3	-8.0312408	3	7.0307789
1	3.7237596	3	-3.3465141	4	1.5059284	4	-1.3534939
1	-1.6458745	3	1.7304691	3	-8.1592120	3	7.4998949

P MATRIX

0	1.0000071	-2	-5.2494048	-2	1.5579223	-3	-7.8887939
-3	-1.9668936	0	1.0042305	-2	1.9355774	-2	-2.4345398
-4	-3.4180760	-2	-1.7531618	0	1.0431468	-2	-1.5675664
-5	2.3201108	-2	-1.3213158	-3	8.7890625	0	1.0182037

.01517455 = e line

(1.942 x 10⁻⁷)

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7151978	-6	7.2140755	-5	-2.8341110	-5	2.4045999
-7	7.3985210	-5	-5.1801329	-4	2.1978027	-4	-1.9240298
-6	-1.0170688	-5	9.1576962	-4	-4.1208634	-4	3.7037112
-7	4.5059095	-5	-4.7358843	-4	2.2326623	-4	-2.0522101

C MATRIX

0	6.1325115	2	-2.5793164	3	1.0133066	2	-8.5973943
1	-2.6452642	3	1.8521026	3	-7.8580131	3	6.8791682
1	3.6364237	3	-3.2742390	4	1.4733714	4	-1.3242230
1	-1.6110403	3	1.6932657	3	-7.9826500	3	7.3374619

P MATRIX

-1	9.9999235	-2	2.2979736	-1	-1.2625122	-1	1.3298035
-3	-1.1793971	0	1.0072289	-2	-2.3963928	-2	1.5739441
-4	-5.6765967	-3	-1.2415796	-1	9.9533074	-3	5.5773257
-4	-3.5883486	-3	-1.3446808	-3	-8.5945128	0	1.0119972

.02279258

(1.459 x 2⁻⁶)

CASE 1 INVERT BIT 22

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7152797	-6	7.2090115	-5	-2.8338967	-5	2.4043504
-7	7.4090530	-5	-5.1798535	-4	2.1976814	-4	-1.9239129
-6	-1.0170688	-5	9.1582754	-4	-4.1208009	-4	3.7036795
-7	4.4968782	-5	-4.7350927	-4	2.2327734	-4	-2.0523095

C MATRIX

0	6.1976500	2	-2.6047586	3	1.0239437	2	-8.6874003
1	-2.6770396	3	1.8715840	3	-7.9406601	3	6.9514832
1	3.6748742	3	-3.3090668	4	1.4889281	4	-1.3382138
1	-1.6248112	3	1.7108831	3	-8.0674542	3	7.4154023

P MATRIX

-1	9.9999170	-2	1.5510559	-1	-1.5338135	-1	1.3772583
-3	-3.4005343	-1	9.7196387	-2	-4.5478820	-2	2.6168823
-3	-1.6208340	-2	-3.4377314	-1	9.8812863	-2	1.3433039
-3	-1.0222494	-2	-2.6094436	-2	-2.3830413	0	1.0287819

rel C = 03442134

(1.101 x 2⁻⁵)

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7151978	-6	7.2140755	-5	-2.8341110	-5	2.4045999
-7	7.3985210	-5	-5.1801329	-4	2.1978027	-4	-1.9240344
-6	-1.0161375	-5	9.1576962	-4	-4.1208634	-4	3.7037112
-7	4.4965599	-5	-4.7360590	-4	2.2326623	-4	-2.0522101

C MATRIX

0	6.1494130	2	-2.5864263	3	1.0160996	2	-8.6210916
1	-2.6525547	3	1.8572071	3	-7.8796722	3	6.8981442
1	3.6431069	3	-3.2832630	4	1.4774325	4	-1.8278730
1	-1.6121291	3	1.6979955	3	-8.0046525	3	7.8576863

P MATRIX

-1	9.9999671	-2	3.8448333	-1	-1.2506103	-1	1.4204407
-3	-1.7668807	0	1.0181103	-2	-2.1987915	-2	1.7700195
-4	-8.1265460	-3	3.9375051	-1	9.9858853	-3	7.8729556
-4	-4.9221515	-3	2.6321411	-3	-8.1176757	0	1.0152016

.02535623

(1.623 × 2⁻⁶)

CASE 2 INVERT BIT 22

A MATRIX

0 1.0000000	-1 5.0000000	-1 3.3333333	-1 7.5000000
-1 2.0000000	-1 1.6666666	-1 1.4285714	-1 7.2500000
-1 1.1111111	-2 9.9999999	-2 9.0909090	-2 8.3333333
-2 7.6923076	-2 7.1428570	-2 6.6666666	-2 8.2500000

B MATRIX

-7-1.7152797	-6 7.2118054	-5-2.8338967	-5 2.4043736
-7 7.4052513	-5-5.1799466	-4 2.1977374	-4-1.9240770
-6-1.0157791	-5 9.1577166	-4-4.1208009	-4 3.7036516
-7 4.4866555	-5-4.7357745	-4 2.2326017	-4-2.0521605

C MATRIX

0 6.1941961	2-2.6043179	3 1.0233731	2-8.6826432
1-2.6741748	3 1.8705757	3-7.9364409	3 6.9482021
1 3.6681686	3-3.3070229	4 1.4880984	4-1.8374579
1-1.6202153	3 1.7101768	3-8.0623425	3 7.4107358

P MATRIX

-1 9.9999892	-2 5.7708739	-1-1.0798645	-1 3.2963562
-3-3.1518638	0 1.0162449	-3-2.3117065	-2 6.3908691
-3-1.4072109	-3-2.8399378	0 1.0181299	-2 2.6163568
-4-8.3969532	-3-2.9144287	-3 1.9111633	0 1.0438271

.04 337386

(1.388 x 2⁻⁵)

A MATRIX

0 1.0000000	-1 5.0000000	-1 3.3333333	-1 2.5000000
-1 2.0000000	-1 1.6666666	-1 1.4285714	-1 1.2500000
-1 1.1111111	-2 9.9999999	-2 9.0909090	-2 8.3333333
-2 7.6923076	-2 7.1428570	-2 6.6666666	-2 6.2500000

B MATRIX

-7-1.7185266	-6 7.2146139	-5-2.8354694	-5 2.4059001
-7 7.3923956	-5-5.1796515	-4 2.1979931	-4-1.9242616
-6-1.0150488	-5 9.1572044	-4-4.1209374	-4 3.7038119
-7 4.4960415	-5-4.7367102	-4 2.2327192	-4-2.0522472

C MATRIX

0 6.0980777	2-2.5600555	3 1.0061475	2-8.5371722
1-2.6231425	3 1.8379650	3-7.7994328	3 6.8281109
1 3.6018334	3-3.2493713	4 1.4622865	4-1.8142723
1-1.5953905	3 1.6807892	3-7.9226522	3 7.2822594

P MATRIX

0 1.0000077	-2 5.0502776	-2 5.9432983	-3-8.5144042
-3-1.0533929	0 1.0296364	-2-2.5756836	-2 2.3643493
-4-6.7404406	-2 2.0091481	-1 9.8072298	-2 1.5063226
-4-4.8474966	-2 1.5023231	-2-1.3290405	0 1.0113220

01836085
(1.175 x 2⁻⁶)

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7205184	-6	7.2155124	-5	-2.8353504	-5	2.4057364
-7	7.3709497	-5	-5.1790906	-4	2.1980853	-4	-1.9245142
-6	-1.0150661	-5	9.1566747	-4	-4.1209749	-4	3.7039246
-7	4.5266733	-5	-4.7368921	-4	2.2323777	-4	-2.0521073

C MATRIX

0	5.9965650	2	-2.5148374	2	9.8821150	2	-8.3847717
1	-2.5690150	3	1.8050790	3	-7.6610319	3	6.7075483
1	3.5378356	3	-3.1913982	4	1.4362933	4	-1.2909363
1	-1.5776908	3	1.6509606	3	-7.7805597	3	7.1522513

P MATRIX

-1	9.9999443	-3	-3.9863586	-1	2.0008850	-1	2.4081421
-4	-4.1857361	0	1.0061913	-2	7.6797484	-2	6.8328856
-3	-1.2539427	-2	1.7452359	0	1.0393955	-2	3.1301170
-3	-1.2390837	-2	1.4176369	-2	4.3922423	0	1.0053864

04692236
(1.502 * 2⁻⁵)

A MATRIX

0 1.0000000	-1 5.0000000	-1 3.3333333	-1 2.5000000
-1 2.0000000	-1 1.6666666	-1 1.4285714	-1 1.2500000
-1 1.1111111	-2 9.9999999	-2 9.0909090	-2 8.3333333
-2 7.6923076	-2 7.1428570	-2 6.6666666	-2 6.2500000

B MATRIX

-7-1.7185266	-6 7.2146139	-5-2.8354694	-5 2.4059001
-7 7.3693308	-5-5.1796515	-4 2.1979931	-4-1.9241796
-6-1.0146086	-5 9.1572044	-4-4.1209374	-4 3.7038119
-7 4.5170690	-5-4.7367102	-4 2.2326500	-4-2.0523817

C MATRIX

0 5.9958989	2-2.5171618	2 9.8928862	2-8.8941290
1-2.5711422	3 1.8071683	3-7.6687464	3 6.7134173
1 3.5399457	3-3.1949271	4 1.4377854	4-1.2922513
1-1.5759948	3 1.6526271	3-7.7896633	3 7.1607116

P MATRIX

0 1.0000389	-2 4.8530578	-1 1.1561584	-2-3.5461425
-3 1.0116696	0 1.0110912	-3 4.0512084	-2 3.6506652
-4-1.2872124	-2 1.9608296	-1 9.8486061	-2 3.6690483
-4-3.4057349	-2 1.4532089	-3 1.6517639	0 1.0024796

0 20781
(1.330 * 2^-6)

CASE 2 INERT BIT 21

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	1.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	1.2500000

B MATRIX

-7	-1.7205184	-6	7.2173751	-5	-2.8353504	-5	2.4057830
-7	7.3533600	-5	-5.1789043	-4	2.1979735	-4	-1.9244601
-6	-1.0136200	-5	9.1577923	-4	-4.1209749	-4	3.7039804
-7	4.5281648	-5	-4.7374822	-4	2.2324761	-4	-2.0521667

C MATRIX

0	5.9222210	2	-2.4843030	2	9.7596004	2	-9.2809801
1	-2.5311106	3	1.7826381	3	-7.5656764	3	6.6242115
1	3.4889960	3	-3.1522168	4	1.4184867	4	-1.2749524
1	-1.5586461	3	1.6306955	3	-7.6844379	3	7.0637923

P MATRIX

0	1.0000238	-1	-1.7387009	-1	2.8955078	-1	1.0469055
-3	1.8825382	-1	9.3993567	-2	9.7320555	-2	2.3727417
-4	-1.4048326	-2	-1.3061397	0	1.0344135	-2	1.1469871
-4	-5.3054838	-3	-7.6198576	-2	4.7100066	-1	9.7752761

05543361
(1.774 x 2⁻⁵)

A MATRIX

0 1.0000000	-1 5.0000000	-1 3.3333333	-1 2.5000000
-1 2.0000000	-1 1.6666666	-1 1.4285714	-1 1.2500000
-1 1.1111111	-2 9.9999999	-2 9.0909090	-2 8.3333333
-2 7.6923076	-2 7.1428570	-2 6.6666666	-2 6.2500000

B MATRIX

-7-1.7361344	-6 7.2224282	-5-2.8329286	-5 2.4030145
-7 7.3788577	-5-5.1810649	-4 2.1975042	-4-1.9234456
-6-1.0159147	-5 9.1580571	-4-4.1207673	-4 3.7032688
-7 4.5379874	-5-4.7380257	-4 2.2323969	-4-2.0519732

C MATRIX

0 5.8141966	2-2.4187455	2 9.4872887	2-8.0475433
1-2.4711327	3 1.7351058	3-7.3593023	3 6.4414896
1 3.4022277	3-3.0669714	4 1.3800189	4-1.2402013
1-1.5197432	3 1.5867348	3-7.4761480	3 6.8719284

P MATRIX

-1 9.9988042	-2 3.8272857	-1 1.1337280	-2-3.9459228
-3 4.9405544	0 1.0122337	-1 1.3533783	-2-9.4314574
-3 1.3630785	-2 4.7950886	0 1.0314329	-2-6.1113595
-4 4.6051293	-2 3.6928176	-2 6.9366454	-1 3.9555358

.04945
(1.582 x 2⁻⁵)

CASE 1 INVERT BIT 20

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	5.2500000

B MATRIX

-7	-1.7604589	-6	7.2315050	-5	-2.8315789	-5	2.4014421
-7	7.3275804	-5	-5.1795752	-4	2.1968684	-4	-1.0225880
-6	-1.0096619	-5	9.1581532	-4	-4.1199105	-4	3.7022793
-7	4.5732940	-5	-4.7386660	-4	2.2322228	-4	-2.0519529

C MATRIX

0	5.5207609	2	-2.2677787	2	8.8797482	2	-7.5308699
1	-2.2979071	3	1.6243033	3	-6.8893144	3	6.0291783
1	3.1662765	3	-2.8719691	4	1.2919917	4	-1.1610267
1	-1.4341716	3	1.4860314	3	-7.0002007	3	6.4348631

P MATRIX

0	1.0000511	-1	-4.4143294	-1	-1.0542297	-1	1.3273620
-3	4.8521905	-1	8.3407401	-2	4.6585082	-2	-1.2176514
-3	-1.2152945	-2	-1.8729672	-1	9.1451479	-3	3.0675530
-3	-2.1907687	-3	-9.1848372	-2	2.5268554	-1	8.8779830

072906
(1.167x2⁻⁴)

A MATRIX

0	1.0000000	-1	5.0000000	-1	3.3333333	-1	2.5000000
-1	2.0000000	-1	1.6666666	-1	1.4285714	-1	1.2500000
-1	1.1111111	-2	9.9999999	-2	9.0909090	-2	8.3333333
-2	7.6923076	-2	7.1428570	-2	6.6666666	-2	6.2500000

B MATRIX

-7	-1.7361344	-6	7.2224282	-5	-2.8329286	-5	2.4030145
-7	7.3788577	-5	-5.1810649	-4	2.1975042	-4	-1.9234456
-6	-1.0159147	-5	9.1580571	-4	-4.1207673	-4	3.7032688
-7	4.5403157	-5	-4.7380257	-4	2.2323969	-4	-2.0519732

C MATRIX

0	5.8255601	2	-2.4234696	2	9.5058286	2	-8.0632613
1	-2.4759592	3	1.7384947	3	-7.3736761	3	6.4540785
1	3.4088789	3	-3.0729656	4	1.3827143	4	-1.2426236
1	-1.5234928	3	1.5898339	3	-7.4907579	3	6.8853503

P MATRIX

-1	9.9999224	-2	3.7521362	-1	1.1068725	-2	-2.7801513
-3	3.9800554	0	1.0138931	-1	1.3092804	-2	-8.8302611
-4	7.1730196	-2	4.7931171	0	1.0358529	-2	-6.2535225
-5	-2.3148954	-2	3.6005020	-2	6.8725585	-1	3.9786528

047931

(1.534 x 2⁻⁵)

A MATRIX

0 1.0000000	-1 5.0000000	-1 3.3333333	-1 2.5000000
-1 2.0000000	-1 1.6666666	-1 1.4285714	-1 1.2500000
-1 1.1111111	-2 9.9999999	-2 9.0909090	-2 8.3333333
-2 7.6923076	-2 7.1428570	-2 6.6666666	-2 6.2500000

B MATRIX

-7-1.7604589	-6 7.2426809	-5-2.8315789	-5 2.4011628
-7 7.3883529	-5-5.1806928	-4 2.1970919	-4-1.9232429
-6-1.0162812	-5 9.1588982	-4-4.1199105	-4 3.7023911
-7 4.5767864	-5-4.7411034	-4 2.2320581	-4-2.0513568

C MATRIX

0 5.6843383	2-2.3385863	2 9.1428735	2-7.7531045
1-2.3856222	3 1.6727917	3-7.0941810	3 6.2099510
1 3.2814661	3-2.9573128	4 1.3302762	4-1.1954635
1-1.4777967	3 1.5308529	3-7.2070833	3 6.6236176

P MATRIX

-1 9.9986439	-1-5.1949309	-1-3.0436706	-1 6.9104003
-3 1.4068633	-1 9.1000746	-4 1.9836426	-2 7.5935363
-3-2.3886267	-2 1.9702118	-1 9.1818206	-2 2.9671192
-3-2.7302876	-2 2.0483017	-3 7.2593688	-1 9.3042372

one error = 0.11976
(1.916 x 2^-4)