



Supplement of

Irrigation quality and management determine salinization in Israeli olive orchards

Vladimir Mirlas et al.

Correspondence to: Yaakov Anker (kobia@ariel.ac.il)

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8.9612 2 43-0.14E-01-0.15E+00 0.17E+01 0.20E-07 -60.0-1652.-1187.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

11.6602	2	45-0.15E-01-0.19E+00	0.21E+01	0.23E-07	-60.0-2425.-1593.
15.1688	3	48-0.15E-01-0.24E+00	0.25E+01	0.19E-07	-60.0-3743.-2225.
19.7300	3	51-0.15E-01-0.31E+00	0.27E+01	0.21E-07	-60.0-5727.-3174.
25.6595	4	55-0.15E-01-0.39E+00	0.28E+01	0.19E-07	-60.0-6800.-4319.
31.5890	3	58-0.15E-01-0.48E+00	0.30E+01	0.15E-07	-60.0-7066.-5157.
39.2975	2	60-0.15E-01-0.60E+00	0.31E+01	0.18E-07	-60.0-7241.-5986.
49.3184	7	67-0.15E-01-0.75E+00	0.32E+01	0.16E-07	-60.0-7307.-6711.
56.3330	7	74-0.15E-01-0.85E+00	0.33E+01	0.18E-07	-60.0-7296.-7051.
61.2433	6	80-0.15E-01-0.93E+00	0.34E+01	0.19E-07	-60.0-7314.-7239.
66.1536	3	83-0.15E-01-0.10E+01	0.35E+01	0.23E-07	-60.0-7351.-7400.
72.5369	4	87-0.15E-01-0.11E+01	0.36E+01	0.19E-07	-60.0-7375.-7561.
78.9202	3	90-0.15E-01-0.12E+01	0.37E+01	0.18E-07	-60.0-7370.-7674.
87.2186	3	93-0.15E-01-0.13E+01	0.38E+01	0.16E-07	-60.0-7368.-7774.
98.0064	8	101-0.15E-01-0.15E+01	0.39E+01	0.15E-07	-60.0-7339.-7854.
105.5579	5	106-0.14E-01-0.16E+01	0.41E+01	0.10E-07	-60.0-7306.-7893.
113.1093	8	114-0.15E-01-0.17E+01	0.42E+01	0.87E-08	-60.0-7317.-7922.
118.3954	3	117-0.15E-01-0.18E+01	0.43E+01	0.12E-07	-60.0-7324.-7941.
125.2672	4	121-0.15E-01-0.19E+01	0.44E+01	0.15E-07	-60.0-7360.-7962.
132.1391	5	126-0.15E-01-0.20E+01	0.45E+01	0.11E-07	-60.0-7357.-7975.
139.0109	3	129-0.15E-01-0.21E+01	0.46E+01	0.13E-07	-60.0-7358.-7985.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

147.9443	2	131-0.15E-01-0.22E+01	0.47E+01	0.11E-07	-60.0-7356.-7991.
159.4513	8	139-0.15E-01-0.24E+01	0.48E+01	0.75E-08	-60.0-7323.-7996.
167.5062	4	143-0.14E-01-0.25E+01	0.50E+01	0.90E-08	-60.0-7290.-7998.
175.5610	9	152-0.15E-01-0.26E+01	0.51E+01	0.14E-07	-60.0-7301.-7999.
181.2516	5	157-0.15E-01-0.27E+01	0.52E+01	0.11E-07	-60.0-7308.-7999.
187.1265	4	161-0.15E-01-0.28E+01	0.53E+01	0.15E-07	-60.0-7339.-7999.
193.0013	3	164-0.15E-01-0.29E+01	0.54E+01	0.15E-07	-60.0-7356.-8000.
200.8344	2	166-0.15E-01-0.30E+01	0.55E+01	0.17E-07	-60.0-7370.-8000.
210.6258	8	174-0.15E-01-0.31E+01	0.56E+01	0.14E-07	-60.0-7349.-8000.
217.9694	6	180-0.15E-01-0.33E+01	0.57E+01	0.15E-07	-60.0-7322.-8000.
225.3129	7	187-0.15E-01-0.34E+01	0.58E+01	0.17E-07	-60.0-7330.-8000.
230.2086	2	189-0.15E-01-0.34E+01	0.59E+01	0.19E-07	-60.0-7335.-8000.
235.1043	3	192-0.15E-01-0.35E+01	0.60E+01	0.17E-07	-60.0-7360.-8000.
240.0000	3	195-0.15E-01-0.36E+01	0.61E+01	0.16E-07	-60.0-7374.-8000.
247.9639	3	198-0.15E-01-0.37E+01	0.62E+01	0.15E-07	-60.0-7390.-8000.
258.3170	8	206-0.15E-01-0.39E+01	0.63E+01	0.15E-07	-60.0-7352.-8000.
265.5641	7	213-0.15E-01-0.40E+01	0.64E+01	0.18E-07	-60.0-7320.-8000.
270.6371	6	219-0.15E-01-0.40E+01	0.65E+01	0.16E-07	-60.0-7326.-8000.
275.7101	3	222-0.15E-01-0.41E+01	0.66E+01	0.12E-07	-60.0-7353.-8000.
282.3050	4	226-0.15E-01-0.42E+01	0.67E+01	0.12E-07	-60.0-7374.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
288.8999	3	229	-0.15E-01	-0.43E+01	0.68E+01	0.16E-07	-60.0	-7368.	-8000.
297.4733	3	232	-0.15E-01	-0.44E+01	0.69E+01	0.13E-07	-60.0	-7364.	-8000.
308.6187	8	240	-0.15E-01	-0.46E+01	0.70E+01	0.18E-07	-60.0	-7333.	-8000.
316.4205	5	245	-0.14E-01	-0.47E+01	0.72E+01	0.13E-07	-60.0	-7299.	-8000.
324.2222	8	253	-0.15E-01	-0.48E+01	0.73E+01	0.15E-07	-60.0	-7310.	-8000.
329.6835	4	257	-0.15E-01	-0.49E+01	0.74E+01	0.18E-07	-60.0	-7316.	-8000.
335.1447	4	261	-0.15E-01	-0.50E+01	0.75E+01	0.19E-07	-60.0	-7345.	-8000.
340.6059	3	264	-0.15E-01	-0.51E+01	0.75E+01	0.20E-07	-60.0	-7362.	-8000.
347.7056	2	266	-0.15E-01	-0.52E+01	0.76E+01	0.22E-07	-60.0	-7376.	-8000.
356.9351	6	272	-0.15E-01	-0.53E+01	0.78E+01	0.26E-07	-60.0	-7361.	-8000.
366.1645	8	280	-0.15E-01	-0.55E+01	0.79E+01	0.29E-07	-60.0	-7329.	-8000.
372.6252	4	284	-0.15E-01	-0.56E+01	0.80E+01	0.33E-07	-60.0	-7317.	-8000.
379.0858	5	289	-0.15E-01	-0.57E+01	0.81E+01	0.37E-07	-60.0	-7337.	-8000.
385.5465	4	293	-0.15E-01	-0.58E+01	0.82E+01	0.40E-07	-60.0	-7349.	-8000.
392.0071	2	295	-0.15E-01	-0.58E+01	0.83E+01	0.44E-07	-60.0	-7357.	-8000.
400.8064	4	299	-0.15E-01	-0.60E+01	0.84E+01	0.41E-07	-60.0	-7361.	-8000.
409.6057	7	306	-0.15E-01	-0.61E+01	0.85E+01	0.42E-07	-60.0	-7335.	-8000.
415.4849	3	309	-0.15E-01	-0.62E+01	0.86E+01	0.43E-07	-60.0	-7326.	-8000.
423.5493	6	315	-0.15E-01	-0.63E+01	0.88E+01	0.46E-07	-60.0	-7356.	-8000.
431.6137	7	322	-0.15E-01	-0.64E+01	0.89E+01	0.50E-07	-60.0	-7343.	-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
436.9899	3	325	-0.15E-01	-0.65E+01	0.90E+01	0.54E-07	-60.0	-7338.	-8000.
444.1583	4	329	-0.15E-01	-0.66E+01	0.91E+01	0.58E-07	-60.0	-7367.	-8000.
451.3266	6	335	-0.15E-01	-0.67E+01	0.92E+01	0.62E-07	-60.0	-7358.	-8000.
458.4950	3	338	-0.15E-01	-0.68E+01	0.93E+01	0.59E-07	-60.0	-7355.	-8000.
469.2475	2	340	-0.15E-01	-0.70E+01	0.94E+01	0.61E-07	-60.0	-7349.	-8000.
480.0000	8	348	-0.14E-01	-0.72E+01	0.96E+01	0.60E-07	-60.0	-7299.	-8000.
486.3291	4	352	-0.15E-01	-0.72E+01	0.97E+01	0.62E-07	-60.0	-7285.	-8000.
492.6582	8	360	-0.18E-01	-0.74E+01	0.98E+01	0.62E-07	-60.0	-7330.	-8000.
497.0886	4	364	-0.18E-01	-0.74E+01	0.99E+01	0.63E-07	-60.0	-7352.	-8000.
501.5190	4	368	-0.18E-01	-0.75E+01	0.10E+02	0.65E-07	-60.0	-7401.	-8000.
505.9494	4	372	-0.19E-01	-0.76E+01	0.10E+02	0.65E-07	-60.0	-7430.	-8000.
510.3798	4	376	-0.19E-01	-0.77E+01	0.10E+02	0.64E-07	-60.0	-7448.	-8000.
514.8102	2	378	-0.19E-01	-0.78E+01	0.10E+02	0.64E-07	-60.0	-7457.	-8000.
520.5697	3	381	-0.19E-01	-0.79E+01	0.10E+02	0.64E-07	-60.0	-7462.	-8000.
528.0570	5	386	-0.19E-01	-0.80E+01	0.10E+02	0.63E-07	-60.0	-7439.	-8000.
535.5444	6	392	-0.18E-01	-0.82E+01	0.11E+02	0.66E-07	-60.0	-7400.	-8000.
543.0317	7	399	-0.17E-01	-0.83E+01	0.11E+02	0.69E-07	-60.0	-7381.	-8000.
548.2728	3	402	-0.17E-01	-0.84E+01	0.11E+02	0.72E-07	-60.0	-7374.	-8000.
555.0863	7	409	-0.18E-01	-0.85E+01	0.11E+02	0.69E-07	-60.0	-7412.	-8000.
559.8558	7	416	-0.18E-01	-0.86E+01	0.11E+02	0.68E-07	-60.0	-7406.	-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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563.1944	4	420-0.18E-01-0.86E+01	0.11E+02	0.69E-07	-60.0-7421.-8000.
566.5330	3	423-0.19E-01-0.87E+01	0.11E+02	0.70E-07	-60.0-7451.-8000.
570.8732	3	426-0.19E-01-0.88E+01	0.11E+02	0.71E-07	-60.0-7475.-8000.
576.5154	4	430-0.19E-01-0.89E+01	0.11E+02	0.72E-07	-60.0-7470.-8000.
582.1577	4	434-0.19E-01-0.90E+01	0.11E+02	0.71E-07	-60.0-7450.-8000.
587.7999	5	439-0.18E-01-0.91E+01	0.12E+02	0.69E-07	-60.0-7442.-8000.
593.4422	2	441-0.19E-01-0.92E+01	0.12E+02	0.70E-07	-60.0-7435.-8000.
600.7771	2	443-0.19E-01-0.93E+01	0.12E+02	0.71E-07	-60.0-7430.-8000.
610.3125	9	452-0.17E-01-0.95E+01	0.12E+02	0.73E-07	-60.0-7391.-8000.
616.9873	3	455-0.16E-01-0.96E+01	0.12E+02	0.73E-07	-60.0-7358.-8000.
625.6645	9	464-0.18E-01-0.98E+01	0.12E+02	0.72E-07	-60.0-7376.-8000.
631.7385	7	471-0.16E-01-0.99E+01	0.12E+02	0.74E-07	-60.0-7358.-8000.
635.9904	6	477-0.18E-01-0.99E+01	0.12E+02	0.76E-07	-60.0-7373.-8000.
640.2422	5	482-0.18E-01-0.10E+02	0.12E+02	0.77E-07	-60.0-7412.-8000.
644.4940	4	486-0.19E-01-0.10E+02	0.13E+02	0.79E-07	-60.0-7439.-8000.
648.7459	3	489-0.19E-01-0.10E+02	0.13E+02	0.80E-07	-60.0-7454.-8000.
654.2733	3	492-0.19E-01-0.10E+02	0.13E+02	0.81E-07	-60.0-7465.-8000.
661.5762	6	498-0.19E-01-0.10E+02	0.13E+02	0.83E-07	-60.0-7445.-8000.
668.8792	7	505-0.18E-01-0.11E+02	0.13E+02	0.85E-07	-60.0-7407.-8000.
673.9913	5	510-0.18E-01-0.11E+02	0.13E+02	0.88E-07	-60.0-7395.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

679.1034	7	517-0.18E-01-0.11E+02	0.13E+02	0.90E-07	-60.0-7415.-8000.
682.6243	3	520-0.19E-01-0.11E+02	0.13E+02	0.91E-07	-60.0-7425.-8000.
687.2963	4	524-0.19E-01-0.11E+02	0.13E+02	0.93E-07	-60.0-7462.-8000.
691.9682	6	530-0.19E-01-0.11E+02	0.13E+02	0.96E-07	-60.0-7462.-8000.
696.6402	4	534-0.19E-01-0.11E+02	0.14E+02	0.99E-07	-60.0-7461.-8000.
701.3122	3	537-0.19E-01-0.11E+02	0.14E+02	0.10E-06	-60.0-7461.-8000.
707.5414	3	540-0.19E-01-0.11E+02	0.14E+02	0.10E-06	-60.0-7460.-8000.
713.7707	7	547-0.18E-01-0.11E+02	0.14E+02	0.10E-06	-60.0-7436.-8000.
720.0000	5	552-0.18E-01-0.11E+02	0.14E+02	0.11E-06	-60.0-7424.-8000.
725.4149	2	554-0.19E-01-0.12E+02	0.14E+02	0.11E-06	-60.0-7417.-8000.
732.4542	6	560-0.20E-01-0.12E+02	0.14E+02	0.11E-06	-60.0-7436.-8000.
739.4935	9	569-0.18E-01-0.12E+02	0.14E+02	0.11E-06	-60.0-7411.-8000.
744.4210	5	574-0.18E-01-0.12E+02	0.14E+02	0.12E-06	-60.0-7401.-8000.
749.3485	7	581-0.20E-01-0.12E+02	0.15E+02	0.12E-06	-60.0-7428.-8000.
752.7978	4	585-0.20E-01-0.12E+02	0.15E+02	0.12E-06	-60.0-7440.-8000.
756.2471	4	589-0.21E-01-0.12E+02	0.15E+02	0.12E-06	-60.0-7473.-8000.
759.6963	6	595-0.21E-01-0.12E+02	0.15E+02	0.12E-06	-60.0-7493.-8000.
763.1456	3	598-0.21E-01-0.12E+02	0.15E+02	0.12E-06	-60.0-7505.-8000.
767.6296	2	600-0.21E-01-0.12E+02	0.15E+02	0.13E-06	-60.0-7513.-8000.
773.4589	7	607-0.21E-01-0.13E+02	0.15E+02	0.13E-06	-60.0-7496.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

777.5394	6	613-0.20E-01-0.13E+02	0.15E+02	0.13E-06	-60.0-7474.-8000.
781.6199	7	620-0.21E-01-0.13E+02	0.15E+02	0.13E-06	-60.0-7483.-8000.

784.4762	3	623-0.21E-01-0.13E+02	0.15E+02	0.13E-06	-60.0-7488.-8000.
788.1894	4	627-0.21E-01-0.13E+02	0.15E+02	0.13E-06	-60.0-7514.-8000.
791.9027	3	630-0.21E-01-0.13E+02	0.15E+02	0.13E-06	-60.0-7511.-8000.
796.7299	3	633-0.21E-01-0.13E+02	0.16E+02	0.13E-06	-60.0-7512.-8000.
803.0052	7	640-0.21E-01-0.13E+02	0.16E+02	0.14E-06	-60.0-7486.-8000.
807.3980	5	645-0.20E-01-0.13E+02	0.16E+02	0.14E-06	-60.0-7460.-8000.
811.7908	7	652-0.20E-01-0.13E+02	0.16E+02	0.14E-06	-60.0-7471.-8000.
814.8657	4	656-0.21E-01-0.13E+02	0.16E+02	0.14E-06	-60.0-7475.-8000.
817.9406	5	661-0.21E-01-0.13E+02	0.16E+02	0.14E-06	-60.0-7497.-8000.
821.0155	3	664-0.21E-01-0.14E+02	0.16E+02	0.14E-06	-60.0-7511.-8000.
825.0130	3	667-0.21E-01-0.14E+02	0.16E+02	0.15E-06	-60.0-7521.-8000.
830.2096	6	673-0.21E-01-0.14E+02	0.16E+02	0.15E-06	-60.0-7509.-8000.
835.4062	5	678-0.20E-01-0.14E+02	0.16E+02	0.15E-06	-60.0-7483.-8000.
840.6028	6	684-0.20E-01-0.14E+02	0.16E+02	0.15E-06	-60.0-7470.-8000.
845.7995	3	687-0.20E-01-0.14E+02	0.16E+02	0.15E-06	-60.0-7463.-8000.
852.5551	3	690-0.20E-01-0.14E+02	0.17E+02	0.15E-06	-60.0-7458.-8000.
861.3374	8	698-0.18E-01-0.14E+02	0.17E+02	0.15E-06	-60.0-7416.-8000.
867.4850	3	701-0.17E-01-0.14E+02	0.17E+02	0.15E-06	-60.0-7382.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

875.4769	8	709-0.19E-01-0.15E+02	0.17E+02	0.15E-06	-60.0-7401.-8000.
881.0713	7	716-0.17E-01-0.15E+02	0.17E+02	0.15E-06	-60.0-7382.-8000.
884.9873	5	721-0.19E-01-0.15E+02	0.17E+02	0.15E-06	-60.0-7398.-8000.
888.9033	5	726-0.20E-01-0.15E+02	0.17E+02	0.15E-06	-60.0-7441.-8000.
892.8193	4	730-0.21E-01-0.15E+02	0.17E+02	0.15E-06	-60.0-7468.-8000.
896.7354	4	734-0.21E-01-0.15E+02	0.17E+02	0.15E-06	-60.0-7485.-8000.
900.6514	2	736-0.21E-01-0.15E+02	0.18E+02	0.15E-06	-60.0-7495.-8000.
905.7422	6	742-0.21E-01-0.15E+02	0.18E+02	0.15E-06	-60.0-7502.-8000.
910.8331	6	748-0.20E-01-0.15E+02	0.18E+02	0.15E-06	-60.0-7482.-8000.
915.7498	5	753-0.20E-01-0.15E+02	0.18E+02	0.15E-06	-60.0-7473.-8000.
920.6665	4	757-0.20E-01-0.15E+02	0.18E+02	0.15E-06	-60.0-7470.-8000.
925.5832	2	759-0.20E-01-0.16E+02	0.18E+02	0.15E-06	-60.0-7469.-8000.
932.4665	2	761-0.20E-01-0.16E+02	0.18E+02	0.15E-06	-60.0-7466.-8000.
941.6444	9	770-0.18E-01-0.16E+02	0.18E+02	0.15E-06	-60.0-7414.-8000.
947.7629	4	774-0.17E-01-0.16E+02	0.18E+02	0.15E-06	-60.0-7378.-8000.
953.8815	8	782-0.19E-01-0.16E+02	0.19E+02	0.15E-06	-60.0-7393.-8000.
960.0000	5	787-0.19E-01-0.16E+02	0.19E+02	0.15E-06	-60.0-7403.-8000.
964.2157	2	789-0.19E-01-0.16E+02	0.19E+02	0.15E-06	-60.0-7408.-8000.
969.6962	6	795-0.20E-01-0.16E+02	0.19E+02	0.16E-06	-60.0-7457.-8000.
975.1766	8	803-0.20E-01-0.17E+02	0.19E+02	0.16E-06	-60.0-7453.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

979.0129	3	806-0.20E-01-0.17E+02	0.19E+02	0.16E-06	-60.0-7450.-8000.
984.0001	6	812-0.21E-01-0.17E+02	0.19E+02	0.16E-06	-60.0-7482.-8000.
988.9873	6	818-0.20E-01-0.17E+02	0.19E+02	0.16E-06	-60.0-7474.-8000.
993.9745	4	822-0.20E-01-0.17E+02	0.19E+02	0.16E-06	-60.0-7470.-8000.

998.9617	2	824-0.20E-01-0.17E+02	0.19E+02	0.16E-06	-60.0-7466.-8000.
1005.4451	2	826-0.20E-01-0.17E+02	0.20E+02	0.16E-06	-60.0-7464.-8000.
1013.8735	8	834-0.18E-01-0.17E+02	0.20E+02	0.16E-06	-60.0-7426.-8000.
1019.7733	4	838-0.17E-01-0.17E+02	0.20E+02	0.16E-06	-60.0-7392.-8000.
1025.6732	8	846-0.19E-01-0.18E+02	0.20E+02	0.16E-06	-60.0-7405.-8000.
1029.8031	4	850-0.19E-01-0.18E+02	0.20E+02	0.16E-06	-60.0-7412.-8000.
1033.9330	5	855-0.20E-01-0.18E+02	0.20E+02	0.16E-06	-60.0-7447.-8000.
1038.0629	4	859-0.21E-01-0.18E+02	0.20E+02	0.16E-06	-60.0-7468.-8000.
1042.1928	4	863-0.21E-01-0.18E+02	0.20E+02	0.16E-06	-60.0-7482.-8000.
1046.3227	2	865-0.21E-01-0.18E+02	0.20E+02	0.16E-06	-60.0-7489.-8000.
1051.6915	6	871-0.21E-01-0.18E+02	0.20E+02	0.16E-06	-60.0-7495.-8000.
1057.0604	7	878-0.20E-01-0.18E+02	0.21E+02	0.16E-06	-60.0-7474.-8000.
1060.8186	4	882-0.20E-01-0.18E+02	0.21E+02	0.16E-06	-60.0-7466.-8000.
1064.5768	4	886-0.21E-01-0.18E+02	0.21E+02	0.16E-06	-60.0-7484.-8000.
1068.3350	6	892-0.21E-01-0.18E+02	0.21E+02	0.16E-06	-60.0-7495.-8000.
1072.0933	3	895-0.21E-01-0.18E+02	0.21E+02	0.16E-06	-60.0-7503.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

1076.9789	2	897-0.21E-01-0.19E+02	0.21E+02	0.16E-06	-60.0-7506.-8000.
1083.3303	7	904-0.20E-01-0.19E+02	0.21E+02	0.16E-06	-60.0-7483.-8000.
1087.7763	5	909-0.19E-01-0.19E+02	0.21E+02	0.16E-06	-60.0-7457.-8000.
1092.2222	7	916-0.20E-01-0.19E+02	0.21E+02	0.16E-06	-60.0-7468.-8000.
1095.3344	3	919-0.21E-01-0.19E+02	0.21E+02	0.16E-06	-60.0-7473.-8000.
1099.3802	4	923-0.21E-01-0.19E+02	0.21E+02	0.16E-06	-60.0-7505.-8000.
1103.4260	7	930-0.21E-01-0.19E+02	0.22E+02	0.16E-06	-60.0-7503.-8000.
1106.2581	2	932-0.21E-01-0.19E+02	0.22E+02	0.16E-06	-60.0-7502.-8000.
1109.9398	4	936-0.21E-01-0.19E+02	0.22E+02	0.16E-06	-60.0-7520.-8000.
1113.6215	3	939-0.21E-01-0.19E+02	0.22E+02	0.16E-06	-60.0-7515.-8000.
1118.4077	3	942-0.21E-01-0.19E+02	0.22E+02	0.16E-06	-60.0-7514.-8000.
1124.6298	7	949-0.21E-01-0.20E+02	0.22E+02	0.16E-06	-60.0-7488.-8000.
1128.9853	5	954-0.20E-01-0.20E+02	0.22E+02	0.16E-06	-60.0-7462.-8000.
1133.3407	7	961-0.20E-01-0.20E+02	0.22E+02	0.16E-06	-60.0-7472.-8000.
1136.3895	4	965-0.21E-01-0.20E+02	0.22E+02	0.16E-06	-60.0-7477.-8000.
1139.4383	5	970-0.21E-01-0.20E+02	0.22E+02	0.16E-06	-60.0-7499.-8000.
1142.4872	2	972-0.21E-01-0.20E+02	0.22E+02	0.16E-06	-60.0-7512.-8000.
1146.4506	3	975-0.21E-01-0.20E+02	0.22E+02	0.16E-06	-60.0-7521.-8000.
1151.8056	4	979-0.21E-01-0.20E+02	0.23E+02	0.16E-06	-60.0-7509.-8000.
1157.1605	5	984-0.20E-01-0.20E+02	0.23E+02	0.16E-06	-60.0-7480.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

1162.5154	6	990-0.20E-01-0.20E+02	0.23E+02	0.16E-06	-60.0-7466.-8000.
1167.8704	3	993-0.20E-01-0.20E+02	0.23E+02	0.16E-06	-60.0-7458.-8000.
1174.2963	2	995-0.20E-01-0.21E+02	0.23E+02	0.16E-06	-60.0-7453.-8000.
1182.8642	8	1003-0.18E-01-0.21E+02	0.23E+02	0.16E-06	-60.0-7422.-8000.
1188.5761	5	1008-0.17E-01-0.21E+02	0.23E+02	0.16E-06	-60.0-7389.-8000.
1194.2881	8	1016-0.19E-01-0.21E+02	0.23E+02	0.16E-06	-60.0-7407.-8000.

1200.0000	5	1021-0.20E-01-0.21E+02	0.23E+02	0.16E-06	-60.0-7419.-8000.
1204.2668	2	1023-0.20E-01-0.21E+02	0.24E+02	0.16E-06	-60.0-7425.-8000.
1209.8136	7	1030-0.22E-01-0.21E+02	0.24E+02	0.16E-06	-60.0-7472.-8000.
1213.6964	7	1037-0.21E-01-0.21E+02	0.24E+02	0.17E-06	-60.0-7464.-8000.
1216.4143	5	1042-0.23E-01-0.21E+02	0.24E+02	0.17E-06	-60.0-7482.-8000.
1219.1323	5	1047-0.24E-01-0.21E+02	0.24E+02	0.17E-06	-60.0-7518.-8000.
1221.8502	3	1050-0.25E-01-0.22E+02	0.24E+02	0.17E-06	-60.0-7542.-8000.
1225.3835	4	1054-0.25E-01-0.22E+02	0.24E+02	0.17E-06	-60.0-7559.-8000.
1228.9168	6	1060-0.24E-01-0.22E+02	0.24E+02	0.17E-06	-60.0-7550.-8000.
1232.4502	3	1063-0.24E-01-0.22E+02	0.24E+02	0.17E-06	-60.0-7545.-8000.
1237.0435	3	1066-0.24E-01-0.22E+02	0.24E+02	0.17E-06	-60.0-7541.-8000.
1243.0148	8	1074-0.22E-01-0.22E+02	0.24E+02	0.17E-06	-60.0-7508.-8000.
1247.1947	3	1077-0.21E-01-0.22E+02	0.25E+02	0.17E-06	-60.0-7481.-8000.
1252.6286	8	1085-0.23E-01-0.22E+02	0.25E+02	0.16E-06	-60.0-7496.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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1256.4324	7	1092-0.21E-01-0.22E+02	0.25E+02	0.16E-06	-60.0-7481.-8000.
1259.0950	5	1097-0.23E-01-0.22E+02	0.25E+02	0.16E-06	-60.0-7494.-8000.
1261.7576	5	1102-0.24E-01-0.22E+02	0.25E+02	0.16E-06	-60.0-7526.-8000.
1264.4202	4	1106-0.25E-01-0.23E+02	0.25E+02	0.16E-06	-60.0-7547.-8000.
1267.0828	4	1110-0.25E-01-0.23E+02	0.25E+02	0.16E-06	-60.0-7559.-8000.
1269.7454	3	1113-0.25E-01-0.23E+02	0.25E+02	0.16E-06	-60.0-7566.-8000.
1273.2068	3	1116-0.25E-01-0.23E+02	0.25E+02	0.16E-06	-60.0-7570.-8000.
1277.7066	6	1122-0.24E-01-0.23E+02	0.25E+02	0.16E-06	-60.0-7552.-8000.
1282.2064	6	1128-0.23E-01-0.23E+02	0.25E+02	0.16E-06	-60.0-7522.-8000.
1286.7062	5	1133-0.23E-01-0.23E+02	0.25E+02	0.17E-06	-60.0-7510.-8000.
1291.2060	4	1137-0.23E-01-0.23E+02	0.26E+02	0.17E-06	-60.0-7501.-8000.
1295.7058	2	1139-0.23E-01-0.23E+02	0.26E+02	0.16E-06	-60.0-7496.-8000.
1301.5556	3	1142-0.22E-01-0.23E+02	0.26E+02	0.16E-06	-60.0-7492.-8000.
1309.1603	8	1150-0.19E-01-0.24E+02	0.26E+02	0.17E-06	-60.0-7453.-8000.
1314.4835	2	1152-0.18E-01-0.24E+02	0.26E+02	0.17E-06	-60.0-7421.-8000.
1321.4038	9	1161-0.20E-01-0.24E+02	0.26E+02	0.17E-06	-60.0-7438.-8000.
1326.2480	8	1169-0.19E-01-0.24E+02	0.26E+02	0.17E-06	-60.0-7422.-8000.
1329.6389	6	1175-0.21E-01-0.24E+02	0.26E+02	0.17E-06	-60.0-7437.-8000.
1333.0298	4	1179-0.23E-01-0.24E+02	0.26E+02	0.17E-06	-60.0-7481.-8000.
1336.4208	7	1186-0.24E-01-0.24E+02	0.26E+02	0.17E-06	-60.0-7511.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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1338.7944	3	1189-0.24E-01-0.24E+02	0.27E+02	0.17E-06	-60.0-7522.-8000.
1341.8801	4	1193-0.25E-01-0.24E+02	0.27E+02	0.17E-06	-60.0-7557.-8000.
1344.9659	5	1198-0.25E-01-0.24E+02	0.27E+02	0.17E-06	-60.0-7557.-8000.
1348.0516	3	1201-0.25E-01-0.24E+02	0.27E+02	0.16E-06	-60.0-7558.-8000.
1352.0631	3	1204-0.25E-01-0.24E+02	0.27E+02	0.17E-06	-60.0-7557.-8000.
1357.2780	8	1212-0.23E-01-0.25E+02	0.27E+02	0.16E-06	-60.0-7532.-8000.
1360.9284	6	1218-0.22E-01-0.25E+02	0.27E+02	0.16E-06	-60.0-7507.-8000.
1364.5789	7	1225-0.24E-01-0.25E+02	0.27E+02	0.17E-06	-60.0-7518.-8000.

1367.1342	6	1231-0.24E-01-0.25E+02	0.27E+02	0.17E-06	-60.0-7523.-8000.
1369.6895	3	1234-0.24E-01-0.25E+02	0.27E+02	0.17E-06	-60.0-7545.-8000.
1373.0114	4	1238-0.25E-01-0.25E+02	0.27E+02	0.17E-06	-60.0-7563.-8000.
1376.3333	5	1243-0.25E-01-0.25E+02	0.27E+02	0.17E-06	-60.0-7556.-8000.
1379.6552	3	1246-0.24E-01-0.25E+02	0.28E+02	0.17E-06	-60.0-7553.-8000.
1383.9736	3	1249-0.24E-01-0.25E+02	0.28E+02	0.17E-06	-60.0-7549.-8000.
1389.5763	7	1256-0.23E-01-0.25E+02	0.28E+02	0.17E-06	-60.0-7519.-8000.
1393.5061	5	1261-0.21E-01-0.25E+02	0.28E+02	0.17E-06	-60.0-7492.-8000.
1397.4359	7	1268-0.23E-01-0.26E+02	0.28E+02	0.17E-06	-60.0-7504.-8000.
1400.1867	4	1272-0.24E-01-0.26E+02	0.28E+02	0.17E-06	-60.0-7509.-8000.
1402.9376	4	1276-0.24E-01-0.26E+02	0.28E+02	0.17E-06	-60.0-7535.-8000.
1405.6884	4	1280-0.25E-01-0.26E+02	0.28E+02	0.17E-06	-60.0-7550.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

1408.4393	3	1283-0.25E-01-0.26E+02	0.28E+02	0.17E-06	-60.0-7559.-8000.
1411.9460	3	1286-0.25E-01-0.26E+02	0.28E+02	0.17E-06	-60.0-7565.-8000.
1416.6217	6	1292-0.24E-01-0.26E+02	0.28E+02	0.17E-06	-60.0-7549.-8000.
1421.2974	6	1298-0.23E-01-0.26E+02	0.28E+02	0.17E-06	-60.0-7517.-8000.
1425.9730	7	1305-0.22E-01-0.26E+02	0.29E+02	0.17E-06	-60.0-7501.-8000.
1429.4798	3	1308-0.22E-01-0.26E+02	0.29E+02	0.17E-06	-60.0-7494.-8000.
1434.7399	8	1316-0.24E-01-0.26E+02	0.29E+02	0.17E-06	-60.0-7526.-8000.
1437.3699	7	1323-0.22E-01-0.26E+02	0.29E+02	0.17E-06	-60.0-7511.-8000.
1440.0000	7	1330-0.24E-01-0.27E+02	0.29E+02	0.17E-06	-60.0-7535.-8000.
1441.4511	3	1333-0.24E-01-0.27E+02	0.29E+02	0.17E-06	-60.0-7544.-8000.
1443.3375	3	1336-0.25E-01-0.27E+02	0.29E+02	0.17E-06	-60.0-7573.-8000.
1445.9203	3	1339-0.25E-01-0.27E+02	0.29E+02	0.17E-06	-60.0-7585.-8000.
1448.9336	3	1342-0.25E-01-0.27E+02	0.29E+02	0.17E-06	-60.0-7578.-8000.
1452.7002	4	1346-0.25E-01-0.27E+02	0.29E+02	0.17E-06	-60.0-7567.-8000.
1456.4668	6	1352-0.24E-01-0.27E+02	0.29E+02	0.17E-06	-60.0-7549.-8000.
1460.2334	4	1356-0.24E-01-0.27E+02	0.29E+02	0.17E-06	-60.0-7539.-8000.
1464.0000	3	1359-0.24E-01-0.27E+02	0.29E+02	0.17E-06	-60.0-7534.-8000.
1469.3877	3	1362-0.23E-01-0.27E+02	0.30E+02	0.17E-06	-60.0-7529.-8000.
1476.3918	9	1371-0.20E-01-0.27E+02	0.30E+02	0.17E-06	-60.0-7479.-8000.
1481.2947	6	1377-0.19E-01-0.27E+02	0.30E+02	0.17E-06	-60.0-7447.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

1486.1975	8	1385-0.20E-01-0.28E+02	0.30E+02	0.17E-06	-60.0-7455.-8000.
1489.6295	4	1389-0.21E-01-0.28E+02	0.30E+02	0.17E-06	-60.0-7459.-8000.
1493.0615	4	1393-0.21E-01-0.28E+02	0.30E+02	0.17E-06	-60.0-7486.-8000.
1496.4935	3	1396-0.21E-01-0.28E+02	0.30E+02	0.17E-06	-60.0-7502.-8000.
1500.9551	2	1398-0.21E-01-0.28E+02	0.30E+02	0.17E-06	-60.0-7515.-8000.
1506.7552	7	1405-0.21E-01-0.28E+02	0.30E+02	0.17E-06	-60.0-7499.-8000.
1510.8152	5	1410-0.20E-01-0.28E+02	0.30E+02	0.17E-06	-60.0-7476.-8000.
1514.8753	7	1417-0.21E-01-0.28E+02	0.30E+02	0.17E-06	-60.0-7486.-8000.
1517.7173	3	1420-0.21E-01-0.28E+02	0.31E+02	0.17E-06	-60.0-7491.-8000.
1521.4119	4	1424-0.21E-01-0.28E+02	0.31E+02	0.17E-06	-60.0-7518.-8000.

1525.1066	4	1428-0.22E-01-0.28E+02	0.31E+02	0.17E-06	-60.0-7516.-8000.
1528.8012	3	1431-0.22E-01-0.28E+02	0.31E+02	0.17E-06	-60.0-7516.-8000.
1533.6043	2	1433-0.22E-01-0.29E+02	0.31E+02	0.17E-06	-60.0-7515.-8000.
1539.8482	7	1440-0.21E-01-0.29E+02	0.31E+02	0.17E-06	-60.0-7489.-8000.
1544.2190	5	1445-0.20E-01-0.29E+02	0.31E+02	0.17E-06	-60.0-7462.-8000.
1548.5898	7	1452-0.21E-01-0.29E+02	0.31E+02	0.17E-06	-60.0-7474.-8000.
1551.6493	4	1456-0.21E-01-0.29E+02	0.31E+02	0.17E-06	-60.0-7479.-8000.
1554.7088	4	1460-0.21E-01-0.29E+02	0.31E+02	0.17E-06	-60.0-7502.-8000.
1557.7684	3	1463-0.22E-01-0.29E+02	0.31E+02	0.17E-06	-60.0-7515.-8000.
1561.7458	2	1465-0.22E-01-0.29E+02	0.31E+02	0.17E-06	-60.0-7526.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

1566.9164	6	1471-0.21E-01-0.29E+02	0.32E+02	0.17E-06	-60.0-7513.-8000.
1572.0870	6	1477-0.21E-01-0.29E+02	0.32E+02	0.17E-06	-60.0-7486.-8000.
1577.2576	5	1482-0.21E-01-0.30E+02	0.32E+02	0.17E-06	-60.0-7474.-8000.
1582.4282	4	1486-0.21E-01-0.30E+02	0.32E+02	0.18E-06	-60.0-7466.-8000.
1587.5988	2	1488-0.21E-01-0.30E+02	0.32E+02	0.18E-06	-60.0-7462.-8000.
1594.3206	2	1490-0.20E-01-0.30E+02	0.32E+02	0.18E-06	-60.0-7458.-8000.
1603.0590	8	1498-0.18E-01-0.30E+02	0.32E+02	0.18E-06	-60.0-7417.-8000.
1609.1758	3	1501-0.17E-01-0.30E+02	0.32E+02	0.18E-06	-60.0-7383.-8000.
1617.1277	9	1510-0.19E-01-0.30E+02	0.32E+02	0.18E-06	-60.0-7401.-8000.
1622.6940	8	1518-0.18E-01-0.30E+02	0.33E+02	0.18E-06	-60.0-7384.-8000.
1626.5904	5	1523-0.19E-01-0.30E+02	0.33E+02	0.18E-06	-60.0-7400.-8000.
1630.4869	5	1528-0.21E-01-0.31E+02	0.33E+02	0.18E-06	-60.0-7443.-8000.
1634.3833	6	1534-0.21E-01-0.31E+02	0.33E+02	0.19E-06	-60.0-7472.-8000.
1638.2797	4	1538-0.21E-01-0.31E+02	0.33E+02	0.19E-06	-60.0-7489.-8000.
1642.1761	2	1540-0.21E-01-0.31E+02	0.33E+02	0.19E-06	-60.0-7499.-8000.
1647.2415	3	1543-0.21E-01-0.31E+02	0.33E+02	0.19E-06	-60.0-7504.-8000.
1653.5480	6	1549-0.21E-01-0.31E+02	0.33E+02	0.19E-06	-60.0-7479.-8000.
1659.8545	6	1555-0.19E-01-0.31E+02	0.33E+02	0.20E-06	-60.0-7445.-8000.
1666.1610	7	1562-0.19E-01-0.31E+02	0.33E+02	0.20E-06	-60.0-7428.-8000.
1670.8909	3	1565-0.19E-01-0.31E+02	0.34E+02	0.20E-06	-60.0-7421.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

1676.4091	5	1570-0.20E-01-0.31E+02	0.34E+02	0.20E-06	-60.0-7450.-8000.
1681.9272	8	1578-0.20E-01-0.32E+02	0.34E+02	0.21E-06	-60.0-7449.-8000.
1686.3418	3	1581-0.20E-01-0.32E+02	0.34E+02	0.21E-06	-60.0-7446.-8000.
1692.2279	5	1586-0.21E-01-0.32E+02	0.34E+02	0.21E-06	-60.0-7473.-8000.
1698.1139	8	1594-0.20E-01-0.32E+02	0.34E+02	0.21E-06	-60.0-7453.-8000.
1701.0570	3	1597-0.20E-01-0.32E+02	0.34E+02	0.21E-06	-60.0-7447.-8000.
1704.0000	6	1603-0.21E-01-0.32E+02	0.34E+02	0.21E-06	-60.0-7479.-8000.
1707.8171	4	1607-0.21E-01-0.32E+02	0.34E+02	0.22E-06	-60.0-7511.-8000.
1711.6342	3	1610-0.21E-01-0.32E+02	0.34E+02	0.22E-06	-60.0-7510.-8000.
1716.5964	3	1613-0.21E-01-0.32E+02	0.35E+02	0.22E-06	-60.0-7511.-8000.
1723.0473	7	1620-0.21E-01-0.32E+02	0.35E+02	0.22E-06	-60.0-7483.-8000.
1727.5630	5	1625-0.19E-01-0.32E+02	0.35E+02	0.22E-06	-60.0-7456.-8000.

1732.0786	7	1632-0.21E-01-0.33E+02	0.35E+02	0.23E-06	-60.0-7468.-8000.
1735.2395	4	1636-0.21E-01-0.33E+02	0.35E+02	0.23E-06	-60.0-7473.-8000.
1738.4005	4	1640-0.21E-01-0.33E+02	0.35E+02	0.23E-06	-60.0-7498.-8000.
1741.5614	3	1643-0.22E-01-0.33E+02	0.35E+02	0.23E-06	-60.0-7512.-8000.
1745.6706	2	1645-0.22E-01-0.33E+02	0.35E+02	0.23E-06	-60.0-7523.-8000.
1751.0126	7	1652-0.21E-01-0.33E+02	0.35E+02	0.23E-06	-60.0-7510.-8000.
1754.7520	4	1656-0.21E-01-0.33E+02	0.35E+02	0.23E-06	-60.0-7490.-8000.
1758.4914	7	1663-0.21E-01-0.33E+02	0.35E+02	0.24E-06	-60.0-7499.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

1761.1090	3	1666-0.21E-01-0.33E+02	0.35E+02	0.24E-06	-60.0-7504.-8000.
1764.5118	3	1669-0.21E-01-0.33E+02	0.36E+02	0.24E-06	-60.0-7526.-8000.
1768.9355	5	1674-0.22E-01-0.33E+02	0.36E+02	0.24E-06	-60.0-7524.-8000.
1773.3592	6	1680-0.21E-01-0.33E+02	0.36E+02	0.25E-06	-60.0-7507.-8000.
1777.7829	4	1684-0.21E-01-0.34E+02	0.36E+02	0.25E-06	-60.0-7499.-8000.
1782.2066	2	1686-0.21E-01-0.34E+02	0.36E+02	0.25E-06	-60.0-7494.-8000.
1787.9574	2	1688-0.21E-01-0.34E+02	0.36E+02	0.25E-06	-60.0-7489.-8000.
1795.4335	8	1696-0.20E-01-0.34E+02	0.36E+02	0.25E-06	-60.0-7455.-8000.
1800.6667	4	1700-0.18E-01-0.34E+02	0.36E+02	0.26E-06	-60.0-7424.-8000.
1805.9000	8	1708-0.20E-01-0.34E+02	0.36E+02	0.26E-06	-60.0-7436.-8000.
1809.5632	4	1712-0.20E-01-0.34E+02	0.36E+02	0.26E-06	-60.0-7442.-8000.
1813.2265	4	1716-0.21E-01-0.34E+02	0.37E+02	0.26E-06	-60.0-7473.-8000.
1816.8898	4	1720-0.21E-01-0.34E+02	0.37E+02	0.26E-06	-60.0-7492.-8000.
1820.5530	2	1722-0.21E-01-0.34E+02	0.37E+02	0.26E-06	-60.0-7504.-8000.
1825.3153	3	1725-0.22E-01-0.35E+02	0.37E+02	0.27E-06	-60.0-7511.-8000.
1831.5062	7	1732-0.21E-01-0.35E+02	0.37E+02	0.27E-06	-60.0-7489.-8000.
1835.8399	6	1738-0.20E-01-0.35E+02	0.37E+02	0.27E-06	-60.0-7464.-8000.
1840.1735	7	1745-0.21E-01-0.35E+02	0.37E+02	0.27E-06	-60.0-7475.-8000.
1843.2070	4	1749-0.21E-01-0.35E+02	0.37E+02	0.28E-06	-60.0-7480.-8000.
1846.2406	4	1753-0.21E-01-0.35E+02	0.37E+02	0.28E-06	-60.0-7503.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

1849.2741	3	1756-0.22E-01-0.35E+02	0.37E+02	0.28E-06	-60.0-7516.-8000.
1853.2178	2	1758-0.22E-01-0.35E+02	0.37E+02	0.28E-06	-60.0-7527.-8000.
1858.3445	5	1763-0.21E-01-0.35E+02	0.37E+02	0.28E-06	-60.0-7514.-8000.
1863.4712	6	1769-0.21E-01-0.35E+02	0.38E+02	0.28E-06	-60.0-7487.-8000.
1868.5979	5	1774-0.21E-01-0.35E+02	0.38E+02	0.28E-06	-60.0-7475.-8000.
1873.7246	3	1777-0.21E-01-0.36E+02	0.38E+02	0.29E-06	-60.0-7467.-8000.
1880.3893	2	1779-0.20E-01-0.36E+02	0.38E+02	0.29E-06	-60.0-7462.-8000.
1889.4765	8	1787-0.18E-01-0.36E+02	0.38E+02	0.29E-06	-60.0-7417.-8000.
1895.5347	3	1790-0.17E-01-0.36E+02	0.38E+02	0.29E-06	-60.0-7381.-8000.
1903.6122	9	1799-0.19E-01-0.36E+02	0.38E+02	0.30E-06	-60.0-7403.-8000.
1909.3819	8	1807-0.17E-01-0.36E+02	0.38E+02	0.30E-06	-60.0-7383.-8000.
1913.2284	5	1812-0.19E-01-0.36E+02	0.38E+02	0.30E-06	-60.0-7396.-8000.
1917.0748	4	1816-0.21E-01-0.36E+02	0.39E+02	0.30E-06	-60.0-7442.-8000.
1920.9213	6	1822-0.21E-01-0.36E+02	0.39E+02	0.30E-06	-60.0-7472.-8000.

1924.7677	4	1826-0.21E-01-0.37E+02	0.39E+02	0.31E-06	-60.0-7490.-8000.
1928.6142	2	1828-0.21E-01-0.37E+02	0.39E+02	0.31E-06	-60.0-7500.-8000.
1933.7428	3	1831-0.21E-01-0.37E+02	0.39E+02	0.31E-06	-60.0-7506.-8000.
1938.8714	6	1837-0.21E-01-0.37E+02	0.39E+02	0.31E-06	-60.0-7484.-8000.
1944.0000	5	1842-0.21E-01-0.37E+02	0.39E+02	0.32E-06	-60.0-7473.-8000.
1950.5290	4	1846-0.20E-01-0.37E+02	0.39E+02	0.32E-06	-60.0-7465.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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1957.0581	8	1854-0.19E-01-0.37E+02	0.39E+02	0.32E-06	-60.0-7435.-8000.
1961.6284	4	1858-0.19E-01-0.37E+02	0.39E+02	0.32E-06	-60.0-7423.-8000.
1966.1987	5	1863-0.21E-01-0.37E+02	0.40E+02	0.32E-06	-60.0-7449.-8000.
1970.7690	6	1869-0.21E-01-0.37E+02	0.40E+02	0.33E-06	-60.0-7465.-8000.
1975.3393	4	1873-0.21E-01-0.38E+02	0.40E+02	0.33E-06	-60.0-7474.-8000.
1979.9097	2	1875-0.21E-01-0.38E+02	0.40E+02	0.33E-06	-60.0-7478.-8000.
1985.8511	3	1878-0.21E-01-0.38E+02	0.40E+02	0.33E-06	-60.0-7480.-8000.
1993.5749	8	1886-0.19E-01-0.38E+02	0.40E+02	0.34E-06	-60.0-7446.-8000.
1998.9816	4	1890-0.18E-01-0.38E+02	0.40E+02	0.34E-06	-60.0-7415.-8000.
2004.3883	8	1898-0.20E-01-0.38E+02	0.40E+02	0.34E-06	-60.0-7428.-8000.
2008.1730	4	1902-0.20E-01-0.38E+02	0.40E+02	0.34E-06	-60.0-7434.-8000.
2011.9577	4	1906-0.21E-01-0.38E+02	0.40E+02	0.35E-06	-60.0-7468.-8000.
2015.7424	4	1910-0.21E-01-0.38E+02	0.41E+02	0.35E-06	-60.0-7488.-8000.
2019.5270	3	1913-0.22E-01-0.38E+02	0.41E+02	0.35E-06	-60.0-7501.-8000.
2024.4471	3	1916-0.22E-01-0.39E+02	0.41E+02	0.35E-06	-60.0-7508.-8000.
2030.8432	7	1923-0.21E-01-0.39E+02	0.41E+02	0.35E-06	-60.0-7484.-8000.
2035.3205	5	1928-0.20E-01-0.39E+02	0.41E+02	0.36E-06	-60.0-7457.-8000.
2039.7978	7	1935-0.21E-01-0.39E+02	0.41E+02	0.36E-06	-60.0-7470.-8000.
2042.9319	4	1939-0.21E-01-0.39E+02	0.41E+02	0.36E-06	-60.0-7475.-8000.
2046.0660	4	1943-0.21E-01-0.39E+02	0.41E+02	0.36E-06	-60.0-7500.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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2049.2001	3	1946-0.22E-01-0.39E+02	0.41E+02	0.36E-06	-60.0-7514.-8000.
2053.2744	2	1948-0.22E-01-0.39E+02	0.41E+02	0.37E-06	-60.0-7525.-8000.
2058.5710	6	1954-0.22E-01-0.39E+02	0.41E+02	0.37E-06	-60.0-7512.-8000.
2063.8676	6	1960-0.21E-01-0.39E+02	0.42E+02	0.37E-06	-60.0-7483.-8000.
2069.1643	5	1965-0.21E-01-0.39E+02	0.42E+02	0.38E-06	-60.0-7470.-8000.
2074.4609	4	1969-0.21E-01-0.40E+02	0.42E+02	0.38E-06	-60.0-7462.-8000.
2079.7575	2	1971-0.21E-01-0.40E+02	0.42E+02	0.38E-06	-60.0-7458.-8000.
2086.6431	2	1973-0.20E-01-0.40E+02	0.42E+02	0.38E-06	-60.0-7454.-8000.
2095.8127	9	1982-0.18E-01-0.40E+02	0.42E+02	0.39E-06	-60.0-7410.-8000.
2102.2315	3	1985-0.17E-01-0.40E+02	0.42E+02	0.39E-06	-60.0-7373.-8000.
2110.4841	9	1994-0.18E-01-0.40E+02	0.42E+02	0.39E-06	-60.0-7389.-8000.
2115.9859	8	2002-0.17E-01-0.40E+02	0.42E+02	0.39E-06	-60.0-7373.-8000.
2119.9773	6	2008-0.20E-01-0.40E+02	0.43E+02	0.39E-06	-60.0-7393.-8000.
2123.9795	5	2013-0.21E-01-0.41E+02	0.43E+02	0.39E-06	-60.0-7439.-8000.
2127.9818	6	2019-0.21E-01-0.41E+02	0.43E+02	0.39E-06	-60.0-7469.-8000.
2131.9841	4	2023-0.21E-01-0.41E+02	0.43E+02	0.39E-06	-60.0-7486.-8000.

2135.9864	2	2025-0.21E-01-0.41E+02	0.43E+02	0.39E-06	-60.0-7496.-8000.
2140.7891	3	2028-0.22E-01-0.41E+02	0.43E+02	0.39E-06	-60.0-7501.-8000.
2147.1927	7	2035-0.21E-01-0.41E+02	0.43E+02	0.39E-06	-60.0-7484.-8000.
2151.4618	6	2041-0.19E-01-0.41E+02	0.43E+02	0.39E-06	-60.0-7459.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

2155.7309	7	2048-0.21E-01-0.41E+02	0.43E+02	0.39E-06	-60.0-7474.-8000.
2160.0000	6	2054-0.21E-01-0.41E+02	0.43E+02	0.39E-06	-60.0-7484.-8000.
2163.4286	4	2058-0.21E-01-0.41E+02	0.44E+02	0.39E-06	-60.0-7488.-8000.
2166.8571	3	2061-0.22E-01-0.41E+02	0.44E+02	0.39E-06	-60.0-7505.-8000.
2171.1429	4	2065-0.22E-01-0.42E+02	0.44E+02	0.39E-06	-60.0-7516.-8000.
2175.4286	4	2069-0.22E-01-0.42E+02	0.44E+02	0.39E-06	-60.0-7506.-8000.
2179.7143	5	2074-0.21E-01-0.42E+02	0.44E+02	0.39E-06	-60.0-7502.-8000.
2184.0000	2	2076-0.21E-01-0.42E+02	0.44E+02	0.39E-06	-60.0-7499.-8000.
2189.5859	2	2078-0.22E-01-0.42E+02	0.44E+02	0.39E-06	-60.0-7495.-8000.
2196.8475	8	2086-0.20E-01-0.42E+02	0.44E+02	0.39E-06	-60.0-7461.-8000.
2201.9307	4	2090-0.19E-01-0.42E+02	0.44E+02	0.39E-06	-60.0-7431.-8000.
2207.0139	8	2098-0.20E-01-0.42E+02	0.44E+02	0.39E-06	-60.0-7443.-8000.
2210.5721	4	2102-0.21E-01-0.42E+02	0.44E+02	0.39E-06	-60.0-7449.-8000.
2214.1303	4	2106-0.21E-01-0.42E+02	0.45E+02	0.39E-06	-60.0-7479.-8000.
2217.6885	4	2110-0.22E-01-0.42E+02	0.45E+02	0.39E-06	-60.0-7498.-8000.
2221.2467	2	2112-0.22E-01-0.43E+02	0.45E+02	0.39E-06	-60.0-7509.-8000.
2225.8724	5	2117-0.22E-01-0.43E+02	0.45E+02	0.39E-06	-60.0-7517.-8000.
2230.4981	7	2124-0.21E-01-0.43E+02	0.45E+02	0.39E-06	-60.0-7501.-8000.
2233.7360	4	2128-0.21E-01-0.43E+02	0.45E+02	0.39E-06	-60.0-7495.-8000.
2236.9740	4	2132-0.21E-01-0.43E+02	0.45E+02	0.39E-06	-60.0-7510.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

2240.2120	3	2135-0.22E-01-0.43E+02	0.45E+02	0.39E-06	-60.0-7518.-8000.
2244.4214	2	2137-0.22E-01-0.43E+02	0.45E+02	0.39E-06	-60.0-7525.-8000.
2249.8935	7	2144-0.21E-01-0.43E+02	0.45E+02	0.39E-06	-60.0-7510.-8000.
2253.7240	4	2148-0.21E-01-0.43E+02	0.45E+02	0.39E-06	-60.0-7488.-8000.
2257.5546	7	2155-0.21E-01-0.43E+02	0.45E+02	0.39E-06	-60.0-7497.-8000.
2260.2359	3	2158-0.21E-01-0.43E+02	0.46E+02	0.39E-06	-60.0-7502.-8000.
2263.7217	4	2162-0.22E-01-0.43E+02	0.46E+02	0.39E-06	-60.0-7526.-8000.
2267.2075	5	2167-0.22E-01-0.44E+02	0.46E+02	0.39E-06	-60.0-7524.-8000.
2270.6933	4	2171-0.22E-01-0.44E+02	0.46E+02	0.39E-06	-60.0-7524.-8000.
2274.1790	2	2173-0.22E-01-0.44E+02	0.46E+02	0.39E-06	-60.0-7524.-8000.
2278.7105	3	2176-0.22E-01-0.44E+02	0.46E+02	0.39E-06	-60.0-7523.-8000.
2284.6015	7	2183-0.21E-01-0.44E+02	0.46E+02	0.39E-06	-60.0-7500.-8000.
2288.7252	5	2188-0.20E-01-0.44E+02	0.46E+02	0.39E-06	-60.0-7475.-8000.
2292.8488	7	2195-0.21E-01-0.44E+02	0.46E+02	0.39E-06	-60.0-7485.-8000.
2295.7354	3	2198-0.21E-01-0.44E+02	0.46E+02	0.39E-06	-60.0-7490.-8000.
2299.4880	4	2202-0.22E-01-0.44E+02	0.46E+02	0.39E-06	-60.0-7519.-8000.
2303.2405	5	2207-0.22E-01-0.44E+02	0.46E+02	0.39E-06	-60.0-7516.-8000.
2306.9930	3	2210-0.22E-01-0.44E+02	0.47E+02	0.39E-06	-60.0-7516.-8000.

2311.8713 2 2212-0.22E-01-0.44E+02 0.47E+02 0.39E-06 -60.0-7514.-8000.
2318.2131 7 2219-0.21E-01-0.45E+02 0.47E+02 0.39E-06 -60.0-7487.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

2322.6524 5 2224-0.20E-01-0.45E+02 0.47E+02 0.39E-06 -60.0-7460.-8000.
2327.0916 7 2231-0.21E-01-0.45E+02 0.47E+02 0.39E-06 -60.0-7472.-8000.
2330.1991 4 2235-0.21E-01-0.45E+02 0.47E+02 0.39E-06 -60.0-7477.-8000.
2333.3066 4 2239-0.21E-01-0.45E+02 0.47E+02 0.39E-06 -60.0-7501.-8000.
2336.4141 3 2242-0.22E-01-0.45E+02 0.47E+02 0.39E-06 -60.0-7515.-8000.
2340.4538 3 2245-0.22E-01-0.45E+02 0.47E+02 0.39E-06 -60.0-7526.-8000.
2345.7054 4 2249-0.22E-01-0.45E+02 0.47E+02 0.39E-06 -60.0-7512.-8000.
2350.9571 5 2254-0.21E-01-0.45E+02 0.47E+02 0.39E-06 -60.0-7484.-8000.
2356.2087 5 2259-0.21E-01-0.45E+02 0.48E+02 0.39E-06 -60.0-7471.-8000.
2361.4604 3 2262-0.21E-01-0.46E+02 0.48E+02 0.39E-06 -60.0-7462.-8000.
2368.4092 3 2265-0.20E-01-0.46E+02 0.48E+02 0.39E-06 -60.0-7458.-8000.
2377.6743 9 2274-0.18E-01-0.46E+02 0.48E+02 0.39E-06 -60.0-7410.-8000.
2384.2923 4 2278-0.16E-01-0.46E+02 0.48E+02 0.39E-06 -60.0-7371.-8000.
2390.9102 8 2286-0.18E-01-0.46E+02 0.48E+02 0.39E-06 -60.0-7380.-8000.
2395.0465 4 2290-0.19E-01-0.46E+02 0.48E+02 0.39E-06 -60.0-7384.-8000.
2399.1827 6 2296-0.21E-01-0.46E+02 0.48E+02 0.39E-06 -60.0-7431.-8000.
2403.3189 7 2303-0.21E-01-0.46E+02 0.48E+02 0.39E-06 -60.0-7462.-8000.
2406.2733 3 2306-0.21E-01-0.46E+02 0.49E+02 0.39E-06 -60.0-7475.-8000.
2410.7050 4 2310-0.22E-01-0.46E+02 0.49E+02 0.39E-06 -60.0-7519.-8000.
2415.1367 7 2317-0.21E-01-0.47E+02 0.49E+02 0.39E-06 -60.0-7506.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

2418.0911 3 2320-0.21E-01-0.47E+02 0.49E+02 0.39E-06 -60.0-7501.-8000.
2421.0456 4 2324-0.22E-01-0.47E+02 0.49E+02 0.39E-06 -60.0-7517.-8000.
2424.0000 3 2327-0.22E-01-0.47E+02 0.49E+02 0.39E-06 -60.0-7526.-8000.
2428.6817 2 2329-0.22E-01-0.47E+02 0.49E+02 0.39E-06 -60.0-7535.-8000.
2434.7679 8 2337-0.21E-01-0.47E+02 0.49E+02 0.39E-06 -60.0-7501.-8000.
2439.0283 5 2342-0.20E-01-0.47E+02 0.49E+02 0.39E-06 -60.0-7473.-8000.
2443.2886 7 2349-0.21E-01-0.47E+02 0.49E+02 0.39E-06 -60.0-7481.-8000.
2446.2709 4 2353-0.21E-01-0.47E+02 0.49E+02 0.39E-06 -60.0-7485.-8000.
2449.2531 3 2356-0.22E-01-0.47E+02 0.49E+02 0.39E-06 -60.0-7508.-8000.
2453.1300 4 2360-0.22E-01-0.47E+02 0.50E+02 0.39E-06 -60.0-7524.-8000.
2457.0069 4 2364-0.22E-01-0.47E+02 0.50E+02 0.39E-06 -60.0-7517.-8000.
2460.8838 3 2367-0.22E-01-0.48E+02 0.50E+02 0.39E-06 -60.0-7514.-8000.
2465.9238 2 2369-0.22E-01-0.48E+02 0.50E+02 0.40E-06 -60.0-7511.-8000.
2472.4758 7 2376-0.21E-01-0.48E+02 0.50E+02 0.39E-06 -60.0-7482.-8000.
2477.0622 5 2381-0.19E-01-0.48E+02 0.50E+02 0.40E-06 -60.0-7454.-8000.
2481.6486 7 2388-0.21E-01-0.48E+02 0.50E+02 0.39E-06 -60.0-7466.-8000.
2484.8591 4 2392-0.21E-01-0.48E+02 0.50E+02 0.39E-06 -60.0-7471.-8000.
2488.0696 4 2396-0.21E-01-0.48E+02 0.50E+02 0.39E-06 -60.0-7497.-8000.
2491.2800 3 2399-0.22E-01-0.48E+02 0.50E+02 0.39E-06 -60.0-7512.-8000.
2495.4536 2 2401-0.22E-01-0.48E+02 0.50E+02 0.40E-06 -60.0-7523.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
2500.8793	7	2408	-0.21E-01	-0.48E+02	0.50E+02	0.40E-06	-60.0	-7510.	-8000.
2504.6773	4	2412	-0.21E-01	-0.48E+02	0.51E+02	0.40E-06	-60.0	-7488.	-8000.
2508.4753	7	2419	-0.21E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7498.	-8000.
2511.1339	3	2422	-0.22E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7503.	-8000.
2514.5901	3	2425	-0.22E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7527.	-8000.
2519.0831	6	2431	-0.22E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7525.	-8000.
2523.5761	7	2438	-0.21E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7508.	-8000.
2526.7213	4	2442	-0.21E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7502.	-8000.
2529.8664	4	2446	-0.22E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7515.	-8000.
2533.0115	3	2449	-0.22E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7522.	-8000.
2537.1001	2	2451	-0.22E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7528.	-8000.
2542.4154	6	2457	-0.22E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7513.	-8000.
2547.7306	5	2462	-0.21E-01	-0.49E+02	0.51E+02	0.40E-06	-60.0	-7483.	-8000.
2553.0459	7	2469	-0.21E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7468.	-8000.
2556.7665	2	2471	-0.21E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7462.	-8000.
2561.6034	6	2477	-0.21E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7493.	-8000.
2566.4403	7	2484	-0.21E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7485.	-8000.
2569.8261	2	2486	-0.21E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7480.	-8000.
2574.2277	5	2491	-0.21E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7507.	-8000.
2578.6292	7	2498	-0.21E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7501.	-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
2581.7103	2	2500	-0.21E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7497.	-8000.
2585.7157	4	2504	-0.22E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7519.	-8000.
2589.7211	5	2509	-0.22E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7512.	-8000.
2593.7265	3	2512	-0.22E-01	-0.50E+02	0.52E+02	0.40E-06	-60.0	-7510.	-8000.
2598.9336	2	2514	-0.22E-01	-0.50E+02	0.53E+02	0.40E-06	-60.0	-7506.	-8000.
2605.4402	7	2521	-0.20E-01	-0.51E+02	0.53E+02	0.40E-06	-60.0	-7477.	-8000.
2610.1786	4	2525	-0.19E-01	-0.51E+02	0.53E+02	0.40E-06	-60.0	-7451.	-8000.
2614.9170	8	2533	-0.21E-01	-0.51E+02	0.53E+02	0.40E-06	-60.0	-7461.	-8000.
2618.2339	4	2537	-0.21E-01	-0.51E+02	0.53E+02	0.40E-06	-60.0	-7465.	-8000.
2621.5508	4	2541	-0.21E-01	-0.51E+02	0.53E+02	0.40E-06	-60.0	-7492.	-8000.
2624.8677	3	2544	-0.22E-01	-0.51E+02	0.53E+02	0.40E-06	-60.0	-7508.	-8000.
2629.2157	2	2546	-0.22E-01	-0.51E+02	0.53E+02	0.40E-06	-60.0	-7520.	-8000.
2635.0131	8	2554	-0.21E-01	-0.51E+02	0.53E+02	0.40E-06	-60.0	-7505.	-8000.
2639.1541	5	2559	-0.20E-01	-0.51E+02	0.53E+02	0.40E-06	-60.0	-7479.	-8000.
2643.2951	7	2566	-0.21E-01	-0.51E+02	0.53E+02	0.40E-06	-60.0	-7487.	-8000.
2645.8832	3	2569	-0.21E-01	-0.51E+02	0.54E+02	0.40E-06	-60.0	-7491.	-8000.
2649.5065	4	2573	-0.22E-01	-0.52E+02	0.54E+02	0.40E-06	-60.0	-7524.	-8000.
2653.1299	5	2578	-0.22E-01	-0.52E+02	0.54E+02	0.40E-06	-60.0	-7521.	-8000.
2656.7533	3	2581	-0.22E-01	-0.52E+02	0.54E+02	0.40E-06	-60.0	-7520.	-8000.
2660.3766	2	2583	-0.22E-01	-0.52E+02	0.54E+02	0.40E-06	-60.0	-7519.	-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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2664.0000	2	2585-0.22E-01-0.52E+02	0.54E+02	0.40E-06	-60.0-7518.-8000.
2670.0345	2	2587-0.22E-01-0.52E+02	0.54E+02	0.40E-06	-60.0-7517.-8000.
2677.8794	8	2595-0.19E-01-0.52E+02	0.54E+02	0.40E-06	-60.0-7456.-8000.
2683.3708	7	2602-0.18E-01-0.52E+02	0.54E+02	0.40E-06	-60.0-7418.-8000.
2687.2148	7	2609-0.19E-01-0.52E+02	0.54E+02	0.40E-06	-60.0-7424.-8000.
2689.9056	4	2613-0.20E-01-0.52E+02	0.54E+02	0.40E-06	-60.0-7445.-8000.
2692.5964	4	2617-0.21E-01-0.52E+02	0.54E+02	0.40E-06	-60.0-7479.-8000.
2695.2872	2	2619-0.21E-01-0.52E+02	0.55E+02	0.40E-06	-60.0-7503.-8000.
2698.7852	4	2623-0.21E-01-0.53E+02	0.55E+02	0.40E-06	-60.0-7521.-8000.
2702.2832	3	2626-0.21E-01-0.53E+02	0.55E+02	0.40E-06	-60.0-7518.-8000.
2706.8307	3	2629-0.21E-01-0.53E+02	0.55E+02	0.40E-06	-60.0-7517.-8000.
2712.7424	7	2636-0.21E-01-0.53E+02	0.55E+02	0.41E-06	-60.0-7495.-8000.
2716.8805	6	2642-0.20E-01-0.53E+02	0.55E+02	0.41E-06	-60.0-7472.-8000.
2721.0187	7	2649-0.20E-01-0.53E+02	0.55E+02	0.40E-06	-60.0-7481.-8000.
2723.9154	4	2653-0.21E-01-0.53E+02	0.55E+02	0.40E-06	-60.0-7485.-8000.
2726.8121	3	2656-0.21E-01-0.53E+02	0.55E+02	0.40E-06	-60.0-7505.-8000.
2730.5779	3	2659-0.21E-01-0.53E+02	0.55E+02	0.41E-06	-60.0-7519.-8000.
2735.4733	3	2662-0.21E-01-0.53E+02	0.55E+02	0.41E-06	-60.0-7512.-8000.
2741.8374	4	2666-0.21E-01-0.53E+02	0.55E+02	0.41E-06	-60.0-7483.-8000.
2748.2015	6	2672-0.19E-01-0.54E+02	0.56E+02	0.41E-06	-60.0-7445.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

2754.5656	7	2679-0.19E-01-0.54E+02	0.56E+02	0.41E-06	-60.0-7427.-8000.
2759.0205	3	2682-0.19E-01-0.54E+02	0.56E+02	0.41E-06	-60.0-7420.-8000.
2764.8118	6	2688-0.20E-01-0.54E+02	0.56E+02	0.41E-06	-60.0-7457.-8000.
2770.6031	8	2696-0.20E-01-0.54E+02	0.56E+02	0.41E-06	-60.0-7447.-8000.
2774.6570	3	2699-0.20E-01-0.54E+02	0.56E+02	0.41E-06	-60.0-7441.-8000.
2779.9271	6	2705-0.20E-01-0.54E+02	0.56E+02	0.41E-06	-60.0-7474.-8000.
2785.1972	7	2712-0.20E-01-0.54E+02	0.56E+02	0.41E-06	-60.0-7465.-8000.
2788.8863	3	2715-0.20E-01-0.54E+02	0.56E+02	0.41E-06	-60.0-7461.-8000.
2793.6821	6	2721-0.21E-01-0.54E+02	0.57E+02	0.41E-06	-60.0-7489.-8000.
2798.4779	6	2727-0.20E-01-0.55E+02	0.57E+02	0.41E-06	-60.0-7481.-8000.
2803.2737	3	2730-0.21E-01-0.55E+02	0.57E+02	0.41E-06	-60.0-7477.-8000.
2809.5082	2	2732-0.21E-01-0.55E+02	0.57E+02	0.41E-06	-60.0-7472.-8000.
2817.3407	8	2740-0.19E-01-0.55E+02	0.57E+02	0.41E-06	-60.0-7437.-8000.
2823.0141	2	2742-0.18E-01-0.55E+02	0.57E+02	0.41E-06	-60.0-7406.-8000.
2830.1373	9	2751-0.19E-01-0.55E+02	0.57E+02	0.41E-06	-60.0-7422.-8000.
2835.1236	8	2759-0.18E-01-0.55E+02	0.57E+02	0.41E-06	-60.0-7409.-8000.
2838.7376	5	2764-0.20E-01-0.55E+02	0.57E+02	0.41E-06	-60.0-7425.-8000.
2842.3515	5	2769-0.20E-01-0.55E+02	0.57E+02	0.41E-06	-60.0-7460.-8000.
2846.1164	4	2773-0.21E-01-0.55E+02	0.58E+02	0.41E-06	-60.0-7483.-8000.
2849.8812	3	2776-0.21E-01-0.56E+02	0.58E+02	0.41E-06	-60.0-7495.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

2854.9010	2	2778-0.21E-01-0.56E+02	0.58E+02	0.41E-06	-60.0-7503.-8000.
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2861.1758	7	2785-0.20E-01-0.56E+02	0.58E+02	0.41E-06	-60.0-7479.-8000.
2865.8818	5	2790-0.19E-01-0.56E+02	0.58E+02	0.41E-06	-60.0-7454.-8000.
2870.5879	7	2797-0.20E-01-0.56E+02	0.58E+02	0.41E-06	-60.0-7462.-8000.
2873.7253	3	2800-0.20E-01-0.56E+02	0.58E+02	0.41E-06	-60.0-7466.-8000.
2876.8626	4	2804-0.21E-01-0.56E+02	0.58E+02	0.41E-06	-60.0-7491.-8000.
2880.0000	3	2807-0.21E-01-0.56E+02	0.58E+02	0.41E-06	-60.0-7506.-8000.
2885.3333	3	2810-0.21E-01-0.56E+02	0.58E+02	0.41E-06	-60.0-7521.-8000.
2892.4444	8	2818-0.20E-01-0.56E+02	0.58E+02	0.41E-06	-60.0-7476.-8000.
2896.8889	6	2824-0.19E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7446.-8000.
2901.3333	8	2832-0.20E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7460.-8000.
2904.6667	4	2836-0.20E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7467.-8000.
2908.0000	5	2841-0.21E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7490.-8000.
2911.3333	3	2844-0.21E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7504.-8000.
2915.5000	2	2846-0.21E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7513.-8000.
2921.7500	8	2854-0.21E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7502.-8000.
2924.8750	6	2860-0.20E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7481.-8000.
2928.0000	7	2867-0.21E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7496.-8000.
2930.6679	4	2871-0.21E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7507.-8000.
2933.3359	3	2874-0.22E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7523.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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2936.8042	4	2878-0.22E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7537.-8000.
2940.2725	4	2882-0.22E-01-0.57E+02	0.59E+02	0.41E-06	-60.0-7531.-8000.
2943.7408	3	2885-0.22E-01-0.57E+02	0.60E+02	0.41E-06	-60.0-7529.-8000.
2948.2497	3	2888-0.22E-01-0.58E+02	0.60E+02	0.41E-06	-60.0-7526.-8000.
2954.1111	7	2895-0.21E-01-0.58E+02	0.60E+02	0.41E-06	-60.0-7502.-8000.
2958.2142	5	2900-0.20E-01-0.58E+02	0.60E+02	0.41E-06	-60.0-7477.-8000.
2962.3172	7	2907-0.21E-01-0.58E+02	0.60E+02	0.41E-06	-60.0-7488.-8000.
2965.1893	4	2911-0.22E-01-0.58E+02	0.60E+02	0.42E-06	-60.0-7492.-8000.
2968.0614	3	2914-0.22E-01-0.58E+02	0.60E+02	0.41E-06	-60.0-7514.-8000.
2971.7952	4	2918-0.22E-01-0.58E+02	0.60E+02	0.41E-06	-60.0-7530.-8000.
2975.5289	4	2922-0.22E-01-0.58E+02	0.60E+02	0.41E-06	-60.0-7523.-8000.
2979.2627	3	2925-0.22E-01-0.58E+02	0.60E+02	0.42E-06	-60.0-7520.-8000.
2984.1166	2	2927-0.22E-01-0.58E+02	0.60E+02	0.41E-06	-60.0-7517.-8000.
2990.4266	7	2934-0.21E-01-0.59E+02	0.60E+02	0.42E-06	-60.0-7490.-8000.
2994.8436	5	2939-0.20E-01-0.59E+02	0.61E+02	0.42E-06	-60.0-7462.-8000.
2999.2607	7	2946-0.21E-01-0.59E+02	0.61E+02	0.42E-06	-60.0-7474.-8000.
3002.3526	4	2950-0.21E-01-0.59E+02	0.61E+02	0.42E-06	-60.0-7479.-8000.
3005.4445	4	2954-0.22E-01-0.59E+02	0.61E+02	0.42E-06	-60.0-7504.-8000.
3008.5364	3	2957-0.22E-01-0.59E+02	0.61E+02	0.42E-06	-60.0-7518.-8000.
3012.5559	3	2960-0.22E-01-0.59E+02	0.61E+02	0.42E-06	-60.0-7529.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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3017.7813	5	2965-0.22E-01-0.59E+02	0.61E+02	0.42E-06	-60.0-7514.-8000.
3023.0066	6	2971-0.21E-01-0.59E+02	0.61E+02	0.42E-06	-60.0-7486.-8000.
3028.2320	5	2976-0.21E-01-0.59E+02	0.61E+02	0.42E-06	-60.0-7473.-8000.

3033.4573	4	2980-0.21E-01-0.59E+02	0.61E+02	0.42E-06	-60.0-7465.-8000.
3038.6826	2	2982-0.21E-01-0.60E+02	0.62E+02	0.42E-06	-60.0-7461.-8000.
3045.4756	2	2984-0.20E-01-0.60E+02	0.62E+02	0.42E-06	-60.0-7457.-8000.
3054.3064	8	2992-0.18E-01-0.60E+02	0.62E+02	0.42E-06	-60.0-7414.-8000.
3060.4880	3	2995-0.17E-01-0.60E+02	0.62E+02	0.42E-06	-60.0-7380.-8000.
3068.5241	9	3004-0.19E-01-0.60E+02	0.62E+02	0.42E-06	-60.0-7398.-8000.
3074.1493	7	3011-0.18E-01-0.60E+02	0.62E+02	0.43E-06	-60.0-7381.-8000.
3078.0870	5	3016-0.19E-01-0.60E+02	0.62E+02	0.42E-06	-60.0-7397.-8000.
3082.0246	4	3020-0.21E-01-0.60E+02	0.62E+02	0.42E-06	-60.0-7443.-8000.
3085.9623	5	3025-0.22E-01-0.60E+02	0.62E+02	0.42E-06	-60.0-7472.-8000.
3089.9000	3	3028-0.22E-01-0.61E+02	0.62E+02	0.42E-06	-60.0-7491.-8000.
3095.0189	3	3031-0.22E-01-0.61E+02	0.63E+02	0.42E-06	-60.0-7502.-8000.
3101.6736	7	3038-0.21E-01-0.61E+02	0.63E+02	0.42E-06	-60.0-7477.-8000.
3106.3319	5	3043-0.19E-01-0.61E+02	0.63E+02	0.42E-06	-60.0-7450.-8000.
3110.9901	8	3051-0.21E-01-0.61E+02	0.63E+02	0.42E-06	-60.0-7462.-8000.
3114.2509	4	3055-0.21E-01-0.61E+02	0.63E+02	0.42E-06	-60.0-7467.-8000.
3117.5117	4	3059-0.21E-01-0.61E+02	0.63E+02	0.42E-06	-60.0-7495.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

3120.7725	3	3062-0.22E-01-0.61E+02	0.63E+02	0.42E-06	-60.0-7511.-8000.
3125.0115	2	3064-0.22E-01-0.61E+02	0.63E+02	0.42E-06	-60.0-7524.-8000.
3130.3850	7	3071-0.22E-01-0.61E+02	0.63E+02	0.42E-06	-60.0-7510.-8000.
3134.1465	4	3075-0.21E-01-0.61E+02	0.63E+02	0.42E-06	-60.0-7489.-8000.
3137.9080	6	3081-0.21E-01-0.62E+02	0.63E+02	0.42E-06	-60.0-7501.-8000.
3141.6695	4	3085-0.22E-01-0.62E+02	0.64E+02	0.42E-06	-60.0-7507.-8000.
3145.4310	2	3087-0.22E-01-0.62E+02	0.64E+02	0.43E-06	-60.0-7512.-8000.
3149.9448	3	3090-0.22E-01-0.62E+02	0.64E+02	0.43E-06	-60.0-7513.-8000.
3155.9632	7	3097-0.21E-01-0.62E+02	0.64E+02	0.42E-06	-60.0-7497.-8000.
3159.9755	7	3104-0.20E-01-0.62E+02	0.64E+02	0.42E-06	-60.0-7474.-8000.
3162.6503	5	3109-0.21E-01-0.62E+02	0.64E+02	0.42E-06	-60.0-7482.-8000.
3165.3252	3	3112-0.22E-01-0.62E+02	0.64E+02	0.42E-06	-60.0-7508.-8000.
3168.0000	3	3115-0.22E-01-0.62E+02	0.64E+02	0.42E-06	-60.0-7524.-8000.
3172.1527	4	3119-0.23E-01-0.62E+02	0.64E+02	0.42E-06	-60.0-7541.-8000.
3176.3054	6	3125-0.23E-01-0.62E+02	0.64E+02	0.42E-06	-60.0-7525.-8000.
3180.4582	5	3130-0.23E-01-0.62E+02	0.64E+02	0.43E-06	-60.0-7517.-8000.
3184.6109	3	3133-0.23E-01-0.63E+02	0.65E+02	0.43E-06	-60.0-7513.-8000.
3190.0094	3	3136-0.23E-01-0.63E+02	0.65E+02	0.43E-06	-60.0-7509.-8000.
3197.0275	8	3144-0.20E-01-0.63E+02	0.65E+02	0.43E-06	-60.0-7472.-8000.
3201.9402	2	3146-0.19E-01-0.63E+02	0.65E+02	0.43E-06	-60.0-7441.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

3208.3266	9	3155-0.21E-01-0.63E+02	0.65E+02	0.42E-06	-60.0-7458.-8000.
3212.7972	7	3162-0.20E-01-0.63E+02	0.65E+02	0.42E-06	-60.0-7442.-8000.
3215.9265	6	3168-0.22E-01-0.63E+02	0.65E+02	0.42E-06	-60.0-7456.-8000.
3219.0559	4	3172-0.23E-01-0.63E+02	0.65E+02	0.42E-06	-60.0-7495.-8000.
3222.1853	7	3179-0.23E-01-0.63E+02	0.65E+02	0.43E-06	-60.0-7522.-8000.

3224.3758	3	3182-0.24E-01-0.63E+02	0.65E+02	0.43E-06	-60.0-7531.-8000.
3227.2235	3	3185-0.24E-01-0.63E+02	0.65E+02	0.43E-06	-60.0-7561.-8000.
3230.9256	6	3191-0.24E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7562.-8000.
3234.6276	7	3198-0.24E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7547.-8000.
3237.2191	3	3201-0.24E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7541.-8000.
3240.5879	4	3205-0.24E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7559.-8000.
3243.9568	6	3211-0.24E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7552.-8000.
3247.3256	3	3214-0.24E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7548.-8000.
3251.7051	3	3217-0.24E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7545.-8000.
3257.3985	7	3224-0.22E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7515.-8000.
3261.3839	5	3229-0.21E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7488.-8000.
3265.3692	7	3236-0.23E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7500.-8000.
3268.1590	4	3240-0.23E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7505.-8000.
3270.9487	4	3244-0.23E-01-0.64E+02	0.66E+02	0.43E-06	-60.0-7530.-8000.
3273.7385	5	3249-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7546.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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3276.5282	4	3253-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7554.-8000.
3279.3180	3	3256-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7559.-8000.
3282.9447	3	3259-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7562.-8000.
3287.6593	7	3266-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7545.-8000.
3290.9596	5	3271-0.23E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7523.-8000.
3294.2599	7	3278-0.23E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7531.-8000.
3296.5701	4	3282-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7536.-8000.
3298.8803	3	3285-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7554.-8000.
3301.8835	4	3289-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7567.-8000.
3304.8868	4	3293-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7562.-8000.
3307.8900	3	3296-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7560.-8000.
3311.7942	3	3299-0.24E-01-0.65E+02	0.67E+02	0.43E-06	-60.0-7557.-8000.
3316.8697	8	3307-0.23E-01-0.66E+02	0.67E+02	0.43E-06	-60.0-7535.-8000.
3320.4226	5	3312-0.22E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7511.-8000.
3323.9754	7	3319-0.23E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7521.-8000.
3326.4624	6	3325-0.23E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7525.-8000.
3328.9494	3	3328-0.24E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7546.-8000.
3332.1825	4	3332-0.24E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7561.-8000.
3335.4156	5	3337-0.24E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7555.-8000.
3338.6487	3	3340-0.24E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7552.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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3342.8517	3	3343-0.24E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7549.-8000.
3348.3156	7	3350-0.23E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7522.-8000.
3352.1403	5	3355-0.21E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7496.-8000.
3355.9651	7	3362-0.23E-01-0.66E+02	0.68E+02	0.43E-06	-60.0-7507.-8000.
3358.6424	4	3366-0.23E-01-0.67E+02	0.68E+02	0.43E-06	-60.0-7512.-8000.
3361.3197	4	3370-0.24E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7535.-8000.
3363.9970	3	3373-0.24E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7549.-8000.

3367.4776	3	3376-0.24E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7561.-8000.
3371.9801	7	3383-0.24E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7549.-8000.
3375.1473	6	3389-0.23E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7529.-8000.
3378.4326	6	3395-0.24E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7539.-8000.
3381.7179	3	3398-0.24E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7542.-8000.
3386.0982	3	3401-0.24E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7545.-8000.
3391.5737	7	3408-0.23E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7516.-8000.
3395.6802	5	3413-0.21E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7491.-8000.
3399.7868	7	3420-0.23E-01-0.67E+02	0.69E+02	0.43E-06	-60.0-7499.-8000.
3402.5246	3	3423-0.23E-01-0.68E+02	0.69E+02	0.43E-06	-60.0-7503.-8000.
3405.2623	4	3427-0.23E-01-0.68E+02	0.70E+02	0.43E-06	-60.0-7529.-8000.
3408.0000	5	3432-0.24E-01-0.68E+02	0.70E+02	0.43E-06	-60.0-7546.-8000.
3411.4097	4	3436-0.24E-01-0.68E+02	0.70E+02	0.43E-06	-60.0-7558.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

3414.8193	7	3443-0.22E-01-0.68E+02	0.70E+02	0.43E-06	-60.0-7546.-8000.
3417.2061	3	3446-0.22E-01-0.68E+02	0.70E+02	0.43E-06	-60.0-7540.-8000.
3420.3089	4	3450-0.22E-01-0.68E+02	0.70E+02	0.43E-06	-60.0-7549.-8000.
3423.4117	3	3453-0.22E-01-0.68E+02	0.70E+02	0.43E-06	-60.0-7541.-8000.
3427.4453	4	3457-0.22E-01-0.68E+02	0.70E+02	0.44E-06	-60.0-7538.-8000.
3431.4789	4	3461-0.22E-01-0.68E+02	0.70E+02	0.44E-06	-60.0-7521.-8000.
3435.5125	4	3465-0.22E-01-0.68E+02	0.70E+02	0.44E-06	-60.0-7514.-8000.
3439.5462	2	3467-0.22E-01-0.68E+02	0.70E+02	0.44E-06	-60.0-7510.-8000.
3444.7899	2	3469-0.22E-01-0.68E+02	0.70E+02	0.44E-06	-60.0-7506.-8000.
3451.6067	7	3476-0.20E-01-0.69E+02	0.70E+02	0.44E-06	-60.0-7474.-8000.
3456.3785	4	3480-0.19E-01-0.69E+02	0.71E+02	0.44E-06	-60.0-7446.-8000.
3461.1503	8	3488-0.21E-01-0.69E+02	0.71E+02	0.44E-06	-60.0-7457.-8000.
3464.4905	4	3492-0.21E-01-0.69E+02	0.71E+02	0.44E-06	-60.0-7463.-8000.
3467.8308	4	3496-0.21E-01-0.69E+02	0.71E+02	0.44E-06	-60.0-7491.-8000.
3471.1710	3	3499-0.22E-01-0.69E+02	0.71E+02	0.44E-06	-60.0-7507.-8000.
3475.5133	2	3501-0.22E-01-0.69E+02	0.71E+02	0.44E-06	-60.0-7520.-8000.
3481.1584	8	3509-0.21E-01-0.69E+02	0.71E+02	0.44E-06	-60.0-7506.-8000.
3485.1099	4	3513-0.21E-01-0.69E+02	0.71E+02	0.44E-06	-60.0-7483.-8000.
3489.0614	7	3520-0.21E-01-0.69E+02	0.71E+02	0.44E-06	-60.0-7493.-8000.
3491.8274	3	3523-0.22E-01-0.69E+02	0.71E+02	0.44E-06	-60.0-7498.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

3495.4233	4	3527-0.22E-01-0.70E+02	0.71E+02	0.44E-06	-60.0-7524.-8000.
3499.0192	5	3532-0.22E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7522.-8000.
3502.6151	3	3535-0.22E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7522.-8000.
3507.2897	2	3537-0.22E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7520.-8000.
3513.3667	7	3544-0.21E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7495.-8000.
3517.6207	5	3549-0.20E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7469.-8000.
3521.8746	7	3556-0.21E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7480.-8000.
3524.8523	4	3560-0.21E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7485.-8000.
3527.8301	3	3563-0.22E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7508.-8000.

3531.7011	5	3568-0.22E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7525.-8000.
3535.5722	5	3573-0.22E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7518.-8000.
3539.4433	3	3576-0.22E-01-0.70E+02	0.72E+02	0.44E-06	-60.0-7515.-8000.
3544.4756	2	3578-0.22E-01-0.71E+02	0.72E+02	0.44E-06	-60.0-7511.-8000.
3551.4162	7	3585-0.21E-01-0.71E+02	0.73E+02	0.44E-06	-60.0-7480.-8000.
3555.9957	5	3590-0.19E-01-0.71E+02	0.73E+02	0.44E-06	-60.0-7449.-8000.
3560.3961	8	3598-0.21E-01-0.71E+02	0.73E+02	0.44E-06	-60.0-7462.-8000.
3563.6017	4	3602-0.21E-01-0.71E+02	0.73E+02	0.44E-06	-60.0-7471.-8000.
3566.8074	4	3606-0.21E-01-0.71E+02	0.73E+02	0.44E-06	-60.0-7497.-8000.
3570.1266	3	3609-0.22E-01-0.71E+02	0.73E+02	0.44E-06	-60.0-7513.-8000.
3574.3942	3	3612-0.22E-01-0.71E+02	0.73E+02	0.44E-06	-60.0-7522.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

3579.5154	4	3616-0.22E-01-0.71E+02	0.73E+02	0.44E-06	-60.0-7507.-8000.
3584.6365	4	3620-0.21E-01-0.71E+02	0.73E+02	0.44E-06	-60.0-7485.-8000.
3589.7577	5	3625-0.21E-01-0.72E+02	0.73E+02	0.44E-06	-60.0-7474.-8000.
3594.8788	3	3628-0.21E-01-0.72E+02	0.74E+02	0.44E-06	-60.0-7467.-8000.
3600.0000	2	3630-0.21E-01-0.72E+02	0.74E+02	0.44E-06	-60.0-7464.-8000.
3607.2000	2	3632-0.20E-01-0.72E+02	0.74E+02	0.45E-06	-60.0-7461.-8000.
3616.4571	9	3641-0.17E-01-0.72E+02	0.74E+02	0.45E-06	-60.0-7406.-8000.
3622.6286	5	3646-0.16E-01-0.72E+02	0.74E+02	0.44E-06	-60.0-7372.-8000.
3628.8000	8	3654-0.19E-01-0.72E+02	0.74E+02	0.45E-06	-60.0-7388.-8000.
3633.1200	4	3658-0.19E-01-0.72E+02	0.74E+02	0.45E-06	-60.0-7396.-8000.
3637.4400	5	3663-0.21E-01-0.72E+02	0.74E+02	0.44E-06	-60.0-7438.-8000.
3641.7600	6	3669-0.21E-01-0.73E+02	0.74E+02	0.45E-06	-60.0-7463.-8000.
3646.0800	4	3673-0.21E-01-0.73E+02	0.75E+02	0.45E-06	-60.0-7478.-8000.
3650.4000	2	3675-0.21E-01-0.73E+02	0.75E+02	0.45E-06	-60.0-7486.-8000.
3655.8000	6	3681-0.21E-01-0.73E+02	0.75E+02	0.44E-06	-60.0-7492.-8000.
3661.2000	7	3688-0.21E-01-0.73E+02	0.75E+02	0.45E-06	-60.0-7473.-8000.
3664.8000	4	3692-0.20E-01-0.73E+02	0.75E+02	0.45E-06	-60.0-7465.-8000.
3668.4000	6	3698-0.21E-01-0.73E+02	0.75E+02	0.45E-06	-60.0-7488.-8000.
3672.0000	4	3702-0.22E-01-0.73E+02	0.75E+02	0.45E-06	-60.0-7503.-8000.
3676.0825	3	3705-0.22E-01-0.73E+02	0.75E+02	0.45E-06	-60.0-7512.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

3681.3897	4	3709-0.22E-01-0.73E+02	0.75E+02	0.45E-06	-60.0-7507.-8000.
3686.6969	5	3714-0.21E-01-0.74E+02	0.75E+02	0.45E-06	-60.0-7480.-8000.
3692.0042	5	3719-0.21E-01-0.74E+02	0.75E+02	0.45E-06	-60.0-7468.-8000.
3697.3114	3	3722-0.21E-01-0.74E+02	0.76E+02	0.45E-06	-60.0-7460.-8000.
3704.2108	3	3725-0.20E-01-0.74E+02	0.76E+02	0.45E-06	-60.0-7456.-8000.
3713.1800	9	3734-0.18E-01-0.74E+02	0.76E+02	0.45E-06	-60.0-7412.-8000.
3719.4584	4	3738-0.17E-01-0.74E+02	0.76E+02	0.45E-06	-60.0-7377.-8000.
3725.7369	8	3746-0.19E-01-0.74E+02	0.76E+02	0.45E-06	-60.0-7389.-8000.
3730.1318	4	3750-0.19E-01-0.74E+02	0.76E+02	0.45E-06	-60.0-7396.-8000.
3734.5267	5	3755-0.21E-01-0.74E+02	0.76E+02	0.45E-06	-60.0-7436.-8000.
3738.9216	6	3761-0.21E-01-0.75E+02	0.76E+02	0.45E-06	-60.0-7461.-8000.

3743.3165	4	3765-0.21E-01-0.75E+02	0.76E+02	0.45E-06	-60.0-7475.-8000.
3747.7114	2	3767-0.21E-01-0.75E+02	0.77E+02	0.45E-06	-60.0-7483.-8000.
3753.4248	6	3773-0.21E-01-0.75E+02	0.77E+02	0.45E-06	-60.0-7489.-8000.
3759.1382	8	3781-0.20E-01-0.75E+02	0.77E+02	0.45E-06	-60.0-7464.-8000.
3763.1376	4	3785-0.20E-01-0.75E+02	0.77E+02	0.45E-06	-60.0-7455.-8000.
3767.1370	5	3790-0.21E-01-0.75E+02	0.77E+02	0.45E-06	-60.0-7477.-8000.
3771.1363	5	3795-0.21E-01-0.75E+02	0.77E+02	0.45E-06	-60.0-7490.-8000.
3775.1357	3	3798-0.22E-01-0.75E+02	0.77E+02	0.45E-06	-60.0-7498.-8000.
3780.3349	2	3800-0.22E-01-0.75E+02	0.77E+02	0.45E-06	-60.0-7503.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

3787.0938	8	3808-0.20E-01-0.76E+02	0.77E+02	0.45E-06	-60.0-7476.-8000.
3791.8251	4	3812-0.19E-01-0.76E+02	0.77E+02	0.45E-06	-60.0-7448.-8000.
3796.5563	8	3820-0.21E-01-0.76E+02	0.78E+02	0.45E-06	-60.0-7459.-8000.
3799.8682	4	3824-0.21E-01-0.76E+02	0.78E+02	0.45E-06	-60.0-7464.-8000.
3803.1801	4	3828-0.21E-01-0.76E+02	0.78E+02	0.45E-06	-60.0-7492.-8000.
3806.4920	3	3831-0.22E-01-0.76E+02	0.78E+02	0.45E-06	-60.0-7508.-8000.
3810.7974	2	3833-0.22E-01-0.76E+02	0.78E+02	0.45E-06	-60.0-7521.-8000.
3816.3945	7	3840-0.21E-01-0.76E+02	0.78E+02	0.45E-06	-60.0-7507.-8000.
3820.3124	4	3844-0.21E-01-0.76E+02	0.78E+02	0.45E-06	-60.0-7484.-8000.
3824.2304	7	3851-0.21E-01-0.76E+02	0.78E+02	0.45E-06	-60.0-7494.-8000.
3826.9729	3	3854-0.22E-01-0.76E+02	0.78E+02	0.45E-06	-60.0-7499.-8000.
3830.5383	4	3858-0.22E-01-0.76E+02	0.78E+02	0.45E-06	-60.0-7525.-8000.
3834.1036	5	3863-0.22E-01-0.77E+02	0.78E+02	0.45E-06	-60.0-7523.-8000.
3837.6690	4	3867-0.22E-01-0.77E+02	0.78E+02	0.45E-06	-60.0-7522.-8000.
3841.2343	2	3869-0.22E-01-0.77E+02	0.79E+02	0.45E-06	-60.0-7522.-8000.
3845.8692	3	3872-0.22E-01-0.77E+02	0.79E+02	0.45E-06	-60.0-7520.-8000.
3851.8946	7	3879-0.21E-01-0.77E+02	0.79E+02	0.45E-06	-60.0-7496.-8000.
3856.1124	6	3885-0.20E-01-0.77E+02	0.79E+02	0.45E-06	-60.0-7471.-8000.
3860.3302	7	3892-0.21E-01-0.77E+02	0.79E+02	0.45E-06	-60.0-7482.-8000.
3863.2827	4	3896-0.21E-01-0.77E+02	0.79E+02	0.45E-06	-60.0-7487.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

3866.2351	3	3899-0.22E-01-0.77E+02	0.79E+02	0.45E-06	-60.0-7510.-8000.
3870.0733	5	3904-0.22E-01-0.77E+02	0.79E+02	0.45E-06	-60.0-7526.-8000.
3873.9115	5	3909-0.22E-01-0.77E+02	0.79E+02	0.45E-06	-60.0-7519.-8000.
3877.7204	3	3912-0.22E-01-0.77E+02	0.79E+02	0.46E-06	-60.0-7516.-8000.
3882.6175	2	3914-0.22E-01-0.78E+02	0.79E+02	0.45E-06	-60.0-7513.-8000.
3888.4940	7	3921-0.21E-01-0.78E+02	0.80E+02	0.46E-06	-60.0-7489.-8000.
3893.1952	5	3926-0.20E-01-0.78E+02	0.80E+02	0.46E-06	-60.0-7465.-8000.
3897.8964	6	3932-0.21E-01-0.78E+02	0.80E+02	0.46E-06	-60.0-7471.-8000.
3902.5976	4	3936-0.21E-01-0.78E+02	0.80E+02	0.46E-06	-60.0-7474.-8000.
3907.2988	2	3938-0.21E-01-0.78E+02	0.80E+02	0.46E-06	-60.0-7477.-8000.
3912.0000	3	3941-0.21E-01-0.78E+02	0.80E+02	0.46E-06	-60.0-7477.-8000.
3917.9028	3	3944-0.21E-01-0.78E+02	0.80E+02	0.46E-06	-60.0-7478.-8000.
3925.5763	8	3952-0.19E-01-0.78E+02	0.80E+02	0.46E-06	-60.0-7447.-8000.

3930.9478	4	3956-0.18E-01-0.79E+02	0.80E+02	0.46E-06	-60.0-7416.-8000.
3936.3193	8	3964-0.20E-01-0.79E+02	0.80E+02	0.46E-06	-60.0-7429.-8000.
3940.0794	4	3968-0.20E-01-0.79E+02	0.81E+02	0.46E-06	-60.0-7436.-8000.
3943.8395	4	3972-0.21E-01-0.79E+02	0.81E+02	0.46E-06	-60.0-7469.-8000.
3947.5995	4	3976-0.22E-01-0.79E+02	0.81E+02	0.46E-06	-60.0-7490.-8000.
3951.3596	3	3979-0.22E-01-0.79E+02	0.81E+02	0.46E-06	-60.0-7502.-8000.
3956.2476	3	3982-0.22E-01-0.79E+02	0.81E+02	0.46E-06	-60.0-7510.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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3962.6021	7	3989-0.21E-01-0.79E+02	0.81E+02	0.46E-06	-60.0-7486.-8000.
3967.0503	5	3994-0.20E-01-0.79E+02	0.81E+02	0.46E-06	-60.0-7459.-8000.
3971.4984	7	4001-0.21E-01-0.79E+02	0.81E+02	0.46E-06	-60.0-7471.-8000.
3974.6121	4	4005-0.21E-01-0.79E+02	0.81E+02	0.46E-06	-60.0-7477.-8000.
3977.7258	4	4009-0.21E-01-0.80E+02	0.81E+02	0.46E-06	-60.0-7502.-8000.
3980.8395	3	4012-0.22E-01-0.80E+02	0.81E+02	0.46E-06	-60.0-7516.-8000.
3984.8873	3	4015-0.22E-01-0.80E+02	0.82E+02	0.46E-06	-60.0-7527.-8000.
3990.1495	4	4019-0.22E-01-0.80E+02	0.82E+02	0.46E-06	-60.0-7512.-8000.
3995.4116	5	4024-0.21E-01-0.80E+02	0.82E+02	0.46E-06	-60.0-7484.-8000.
4000.6738	5	4029-0.21E-01-0.80E+02	0.82E+02	0.46E-06	-60.0-7471.-8000.
4005.9359	3	4032-0.21E-01-0.80E+02	0.82E+02	0.46E-06	-60.0-7462.-8000.
4012.7767	3	4035-0.20E-01-0.80E+02	0.82E+02	0.46E-06	-60.0-7458.-8000.
4021.6698	8	4043-0.18E-01-0.80E+02	0.82E+02	0.46E-06	-60.0-7414.-8000.
4027.8949	3	4046-0.17E-01-0.81E+02	0.82E+02	0.46E-06	-60.0-7378.-8000.
4035.9876	9	4055-0.18E-01-0.81E+02	0.82E+02	0.46E-06	-60.0-7397.-8000.
4041.6524	7	4062-0.17E-01-0.81E+02	0.83E+02	0.46E-06	-60.0-7379.-8000.
4045.6178	5	4067-0.19E-01-0.81E+02	0.83E+02	0.46E-06	-60.0-7395.-8000.
4049.5832	4	4071-0.21E-01-0.81E+02	0.83E+02	0.46E-06	-60.0-7441.-8000.
4053.5486	5	4076-0.21E-01-0.81E+02	0.83E+02	0.46E-06	-60.0-7470.-8000.
4057.5140	4	4080-0.22E-01-0.81E+02	0.83E+02	0.46E-06	-60.0-7488.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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4061.4794	2	4082-0.22E-01-0.81E+02	0.83E+02	0.46E-06	-60.0-7498.-8000.
4066.6345	3	4085-0.22E-01-0.81E+02	0.83E+02	0.47E-06	-60.0-7504.-8000.
4073.3360	7	4092-0.21E-01-0.81E+02	0.83E+02	0.47E-06	-60.0-7476.-8000.
4078.0271	5	4097-0.19E-01-0.82E+02	0.83E+02	0.47E-06	-60.0-7448.-8000.
4082.7182	8	4105-0.21E-01-0.82E+02	0.83E+02	0.47E-06	-60.0-7460.-8000.
4086.0019	4	4109-0.21E-01-0.82E+02	0.83E+02	0.47E-06	-60.0-7466.-8000.
4089.2857	4	4113-0.21E-01-0.82E+02	0.84E+02	0.47E-06	-60.0-7493.-8000.
4092.5694	3	4116-0.22E-01-0.82E+02	0.84E+02	0.47E-06	-60.0-7509.-8000.
4096.8383	2	4118-0.22E-01-0.82E+02	0.84E+02	0.47E-06	-60.0-7522.-8000.
4102.3545	7	4125-0.21E-01-0.82E+02	0.84E+02	0.47E-06	-60.0-7508.-8000.
4106.2391	4	4129-0.21E-01-0.82E+02	0.84E+02	0.47E-06	-60.0-7486.-8000.
4110.1238	7	4136-0.21E-01-0.82E+02	0.84E+02	0.47E-06	-60.0-7496.-8000.
4112.8431	3	4139-0.22E-01-0.82E+02	0.84E+02	0.47E-06	-60.0-7500.-8000.
4116.3781	4	4143-0.22E-01-0.82E+02	0.84E+02	0.47E-06	-60.0-7526.-8000.
4119.9403	5	4148-0.22E-01-0.82E+02	0.84E+02	0.47E-06	-60.0-7524.-8000.

4123.5025	4	4152-0.22E-01-0.83E+02	0.84E+02	0.47E-06	-60.0-7523.-8000.
4127.0647	2	4154-0.22E-01-0.83E+02	0.84E+02	0.47E-06	-60.0-7522.-8000.
4132.0518	3	4157-0.22E-01-0.83E+02	0.84E+02	0.47E-06	-60.0-7521.-8000.
4138.7012	7	4164-0.21E-01-0.83E+02	0.85E+02	0.47E-06	-60.0-7485.-8000.
4143.1341	5	4169-0.19E-01-0.83E+02	0.85E+02	0.47E-06	-60.0-7456.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

4147.5671	7	4176-0.21E-01-0.83E+02	0.85E+02	0.47E-06	-60.0-7470.-8000.
4149.7835	3	4179-0.21E-01-0.83E+02	0.85E+02	0.47E-06	-60.0-7474.-8000.
4152.0000	3	4182-0.21E-01-0.83E+02	0.85E+02	0.47E-06	-60.0-7505.-8000.
4155.8056	4	4186-0.21E-01-0.83E+02	0.85E+02	0.47E-06	-60.0-7540.-8000.
4159.6112	8	4194-0.19E-01-0.83E+02	0.85E+02	0.47E-06	-60.0-7516.-8000.
4162.2751	4	4198-0.19E-01-0.83E+02	0.85E+02	0.47E-06	-60.0-7506.-8000.
4164.9390	3	4201-0.19E-01-0.83E+02	0.85E+02	0.47E-06	-60.0-7505.-8000.
4168.4021	3	4204-0.19E-01-0.83E+02	0.85E+02	0.47E-06	-60.0-7503.-8000.
4172.9041	2	4206-0.19E-01-0.84E+02	0.85E+02	0.47E-06	-60.0-7492.-8000.
4178.7568	3	4209-0.19E-01-0.84E+02	0.85E+02	0.48E-06	-60.0-7470.-8000.
4186.3652	5	4214-0.18E-01-0.84E+02	0.85E+02	0.47E-06	-60.0-7438.-8000.
4193.9736	5	4219-0.17E-01-0.84E+02	0.86E+02	0.48E-06	-60.0-7397.-8000.
4201.5820	7	4226-0.17E-01-0.84E+02	0.86E+02	0.48E-06	-60.0-7377.-8000.
4206.9079	3	4229-0.17E-01-0.84E+02	0.86E+02	0.47E-06	-60.0-7370.-8000.
4213.8315	7	4236-0.18E-01-0.84E+02	0.86E+02	0.47E-06	-60.0-7406.-8000.
4218.6781	7	4243-0.18E-01-0.84E+02	0.86E+02	0.47E-06	-60.0-7400.-8000.
4222.0707	4	4247-0.18E-01-0.84E+02	0.86E+02	0.47E-06	-60.0-7414.-8000.
4225.4633	3	4250-0.18E-01-0.84E+02	0.86E+02	0.47E-06	-60.0-7443.-8000.
4229.8736	3	4253-0.18E-01-0.85E+02	0.86E+02	0.47E-06	-60.0-7466.-8000.
4235.6071	4	4257-0.19E-01-0.85E+02	0.86E+02	0.47E-06	-60.0-7462.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

4241.3406	5	4262-0.18E-01-0.85E+02	0.86E+02	0.47E-06	-60.0-7443.-8000.
4247.0740	4	4266-0.18E-01-0.85E+02	0.87E+02	0.47E-06	-60.0-7435.-8000.
4252.8075	2	4268-0.18E-01-0.85E+02	0.87E+02	0.47E-06	-60.0-7428.-8000.
4260.2734	3	4271-0.18E-01-0.85E+02	0.87E+02	0.47E-06	-60.0-7424.-8000.
4270.2278	8	4279-0.17E-01-0.85E+02	0.87E+02	0.47E-06	-60.0-7384.-8000.
4277.3381	5	4284-0.16E-01-0.85E+02	0.87E+02	0.47E-06	-60.0-7346.-8000.
4284.4484	8	4292-0.17E-01-0.85E+02	0.87E+02	0.47E-06	-60.0-7356.-8000.
4289.5272	5	4297-0.17E-01-0.86E+02	0.87E+02	0.48E-06	-60.0-7361.-8000.
4294.6060	4	4301-0.18E-01-0.86E+02	0.87E+02	0.48E-06	-60.0-7396.-8000.
4299.6848	5	4306-0.18E-01-0.86E+02	0.87E+02	0.48E-06	-60.0-7417.-8000.
4304.7636	3	4309-0.18E-01-0.86E+02	0.88E+02	0.48E-06	-60.0-7430.-8000.
4312.3818	3	4312-0.18E-01-0.86E+02	0.88E+02	0.48E-06	-60.0-7439.-8000.
4320.0000	8	4320-0.17E-01-0.86E+02	0.88E+02	0.48E-06	-60.0-7399.-8000.
4324.3206	4	4324-0.17E-01-0.86E+02	0.88E+02	0.48E-06	-60.0-7388.-8000.
4328.6412	6	4330-0.18E-01-0.86E+02	0.88E+02	0.48E-06	-60.0-7416.-8000.
4332.9617	3	4333-0.18E-01-0.86E+02	0.88E+02	0.48E-06	-60.0-7437.-8000.
4338.5785	3	4336-0.18E-01-0.86E+02	0.88E+02	0.48E-06	-60.0-7453.-8000.

4346.2101 7 4343-0.18E-01-0.87E+02 0.88E+02 0.48E-06 -60.0-7437.-8000.
4351.2979 6 4349-0.17E-01-0.87E+02 0.88E+02 0.48E-06 -60.0-7411.-8000.
4356.3857 7 4356-0.18E-01-0.87E+02 0.88E+02 0.48E-06 -60.0-7423.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

4359.9471 3 4359-0.18E-01-0.87E+02 0.89E+02 0.48E-06 -60.0-7429.-8000.
4364.5261 3 4362-0.18E-01-0.87E+02 0.89E+02 0.48E-06 -60.0-7458.-8000.
4370.0209 6 4368-0.18E-01-0.87E+02 0.89E+02 0.48E-06 -60.0-7458.-8000.
4375.5156 4 4372-0.18E-01-0.87E+02 0.89E+02 0.48E-06 -60.0-7445.-8000.
4381.0104 4 4376-0.18E-01-0.87E+02 0.89E+02 0.48E-06 -60.0-7440.-8000.
4386.5052 2 4378-0.18E-01-0.87E+02 0.89E+02 0.48E-06 -60.0-7435.-8000.
4392.0000 2 4380-0.18E-01-0.87E+02 0.89E+02 0.48E-06 -60.0-7432.-8000.
4399.8606 2 4382-0.18E-01-0.88E+02 0.89E+02 0.48E-06 -60.0-7430.-8000.
4410.0793 9 4391-0.17E-01-0.88E+02 0.89E+02 0.48E-06 -60.0-7378.-8000.
4417.2325 6 4397-0.15E-01-0.88E+02 0.89E+02 0.48E-06 -60.0-7340.-8000.
4424.3856 8 4405-0.17E-01-0.88E+02 0.90E+02 0.48E-06 -60.0-7351.-8000.
4429.3928 5 4410-0.17E-01-0.88E+02 0.90E+02 0.48E-06 -60.0-7356.-8000.
4434.4000 4 4414-0.17E-01-0.88E+02 0.90E+02 0.48E-06 -60.0-7390.-8000.
4439.4072 4 4418-0.18E-01-0.88E+02 0.90E+02 0.48E-06 -60.0-7410.-8000.
4444.4144 4 4422-0.18E-01-0.88E+02 0.90E+02 0.48E-06 -60.0-7423.-8000.
4449.4216 2 4424-0.18E-01-0.88E+02 0.90E+02 0.48E-06 -60.0-7430.-8000.
4455.9309 3 4427-0.18E-01-0.89E+02 0.90E+02 0.48E-06 -60.0-7433.-8000.
4464.3931 7 4434-0.17E-01-0.89E+02 0.90E+02 0.48E-06 -60.0-7408.-8000.
4470.3166 5 4439-0.17E-01-0.89E+02 0.90E+02 0.49E-06 -60.0-7379.-8000.
4476.2401 8 4447-0.17E-01-0.89E+02 0.91E+02 0.49E-06 -60.0-7391.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

4480.3865 3 4450-0.17E-01-0.89E+02 0.91E+02 0.49E-06 -60.0-7397.-8000.
4485.7769 4 4454-0.17E-01-0.89E+02 0.91E+02 0.49E-06 -60.0-7432.-8000.
4491.1673 6 4460-0.17E-01-0.89E+02 0.91E+02 0.49E-06 -60.0-7429.-8000.
4496.5577 4 4464-0.18E-01-0.89E+02 0.91E+02 0.49E-06 -60.0-7428.-8000.
4501.9481 2 4466-0.18E-01-0.89E+02 0.91E+02 0.49E-06 -60.0-7427.-8000.
4508.9556 2 4468-0.18E-01-0.89E+02 0.91E+02 0.49E-06 -60.0-7426.-8000.
4518.0654 7 4475-0.17E-01-0.90E+02 0.91E+02 0.49E-06 -60.0-7395.-8000.
4524.4422 5 4480-0.16E-01-0.90E+02 0.91E+02 0.49E-06 -60.0-7364.-8000.
4530.8190 8 4488-0.17E-01-0.90E+02 0.91E+02 0.49E-06 -60.0-7376.-8000.
4535.2828 4 4492-0.17E-01-0.90E+02 0.92E+02 0.49E-06 -60.0-7382.-8000.
4539.7466 4 4496-0.17E-01-0.90E+02 0.92E+02 0.49E-06 -60.0-7410.-8000.
4544.2104 4 4500-0.18E-01-0.90E+02 0.92E+02 0.49E-06 -60.0-7427.-8000.
4548.6741 3 4503-0.18E-01-0.90E+02 0.92E+02 0.49E-06 -60.0-7438.-8000.
4554.4771 2 4505-0.18E-01-0.90E+02 0.92E+02 0.50E-06 -60.0-7445.-8000.
4562.2294 6 4511-0.17E-01-0.90E+02 0.92E+02 0.49E-06 -60.0-7426.-8000.
4569.9817 8 4519-0.17E-01-0.90E+02 0.92E+02 0.49E-06 -60.0-7389.-8000.
4575.2623 4 4523-0.17E-01-0.91E+02 0.92E+02 0.49E-06 -60.0-7377.-8000.
4580.5430 5 4528-0.17E-01-0.91E+02 0.92E+02 0.49E-06 -60.0-7399.-8000.
4585.6887 4 4532-0.17E-01-0.91E+02 0.92E+02 0.49E-06 -60.0-7411.-8000.

4590.8344 3 4535-0.18E-01-0.91E+02 0.93E+02 0.49E-06 -60.0-7422.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

4597.6953 4 4539-0.18E-01-0.91E+02 0.93E+02 0.49E-06 -60.0-7428.-8000.
4604.5562 7 4546-0.17E-01-0.91E+02 0.93E+02 0.49E-06 -60.0-7406.-8000.
4609.1302 3 4549-0.17E-01-0.91E+02 0.93E+02 0.49E-06 -60.0-7398.-8000.
4614.8477 6 4555-0.17E-01-0.91E+02 0.93E+02 0.49E-06 -60.0-7424.-8000.
4620.5651 6 4561-0.17E-01-0.91E+02 0.93E+02 0.49E-06 -60.0-7421.-8000.
4626.2826 2 4563-0.17E-01-0.91E+02 0.93E+02 0.49E-06 -60.0-7420.-8000.
4632.0000 2 4565-0.18E-01-0.92E+02 0.93E+02 0.49E-06 -60.0-7418.-8000.
4640.1211 4 4569-0.17E-01-0.92E+02 0.93E+02 0.49E-06 -60.0-7417.-8000.
4648.2422 8 4577-0.17E-01-0.92E+02 0.93E+02 0.49E-06 -60.0-7379.-8000.
4653.9270 5 4582-0.16E-01-0.92E+02 0.94E+02 0.49E-06 -60.0-7366.-8000.
4659.6118 6 4588-0.17E-01-0.92E+02 0.94E+02 0.49E-06 -60.0-7386.-8000.
4665.2966 4 4592-0.17E-01-0.92E+02 0.94E+02 0.49E-06 -60.0-7400.-8000.
4670.9814 2 4594-0.17E-01-0.92E+02 0.94E+02 0.49E-06 -60.0-7409.-8000.
4678.3716 3 4597-0.18E-01-0.92E+02 0.94E+02 0.49E-06 -60.0-7413.-8000.
4687.9788 7 4604-0.17E-01-0.93E+02 0.94E+02 0.49E-06 -60.0-7381.-8000.
4694.7039 5 4609-0.16E-01-0.93E+02 0.94E+02 0.49E-06 -60.0-7350.-8000.
4701.4290 8 4617-0.17E-01-0.93E+02 0.94E+02 0.49E-06 -60.0-7363.-8000.
4706.1366 4 4621-0.17E-01-0.93E+02 0.94E+02 0.49E-06 -60.0-7369.-8000.
4710.8442 4 4625-0.17E-01-0.93E+02 0.95E+02 0.50E-06 -60.0-7400.-8000.
4715.5517 4 4629-0.18E-01-0.93E+02 0.95E+02 0.50E-06 -60.0-7419.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

4720.2593 3 4632-0.18E-01-0.93E+02 0.95E+02 0.50E-06 -60.0-7431.-8000.
4726.3791 3 4635-0.18E-01-0.93E+02 0.95E+02 0.50E-06 -60.0-7439.-8000.
4734.3349 6 4641-0.17E-01-0.93E+02 0.95E+02 0.49E-06 -60.0-7417.-8000.
4742.2907 7 4648-0.17E-01-0.93E+02 0.95E+02 0.49E-06 -60.0-7381.-8000.
4747.8598 4 4652-0.17E-01-0.94E+02 0.95E+02 0.49E-06 -60.0-7369.-8000.
4753.4288 6 4658-0.17E-01-0.94E+02 0.95E+02 0.49E-06 -60.0-7390.-8000.
4758.9979 4 4662-0.17E-01-0.94E+02 0.95E+02 0.49E-06 -60.0-7403.-8000.
4764.5669 2 4664-0.17E-01-0.94E+02 0.95E+02 0.50E-06 -60.0-7412.-8000.
4771.8067 3 4667-0.18E-01-0.94E+02 0.96E+02 0.50E-06 -60.0-7417.-8000.
4781.2184 8 4675-0.17E-01-0.94E+02 0.96E+02 0.50E-06 -60.0-7387.-8000.
4787.8066 5 4680-0.16E-01-0.94E+02 0.96E+02 0.50E-06 -60.0-7355.-8000.
4794.3948 8 4688-0.17E-01-0.94E+02 0.96E+02 0.50E-06 -60.0-7368.-8000.
4799.0065 4 4692-0.17E-01-0.94E+02 0.96E+02 0.49E-06 -60.0-7374.-8000.
4803.6182 4 4696-0.17E-01-0.94E+02 0.96E+02 0.49E-06 -60.0-7404.-8000.
4808.2299 4 4700-0.18E-01-0.95E+02 0.96E+02 0.50E-06 -60.0-7422.-8000.
4812.8417 3 4703-0.18E-01-0.95E+02 0.96E+02 0.50E-06 -60.0-7434.-8000.
4818.7575 3 4706-0.18E-01-0.95E+02 0.96E+02 0.50E-06 -60.0-7441.-8000.
4826.3636 4 4710-0.18E-01-0.95E+02 0.96E+02 0.50E-06 -60.0-7421.-8000.
4833.9696 6 4716-0.17E-01-0.95E+02 0.97E+02 0.50E-06 -60.0-7388.-8000.
4841.5757 5 4721-0.17E-01-0.95E+02 0.97E+02 0.50E-06 -60.0-7374.-8000.

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
4849.1818	3	4724	-0.17E-01	-0.95E+02	0.97E+02	0.50E-06	-60.0	-7363	-.8000
4860.5909	3	4727	-0.16E-01	-0.95E+02	0.97E+02	0.50E-06	-60.0	-7357	-.8000
4872.0000	9	4736	-0.14E-01	-0.96E+02	0.97E+02	0.50E-06	-60.0	-7293	-.8000
4879.0924	8	4744	-0.14E-01	-0.96E+02	0.97E+02	0.50E-06	-60.0	-7272	-.8000
4884.0570	6	4750	-0.12E-01	-0.96E+02	0.97E+02	0.51E-06	-60.0	-7269	-.8000
4889.0217	4	4754	-0.12E-01	-0.96E+02	0.97E+02	0.51E-06	-60.0	-7269	-.8000
4893.9864	2	4756	-0.12E-01	-0.96E+02	0.97E+02	0.51E-06	-60.0	-7266	-.8000
4900.4404	4	4760	-0.12E-01	-0.96E+02	0.97E+02	0.51E-06	-60.0	-7262	-.8000
4906.8945	2	4762	-0.12E-01	-0.96E+02	0.98E+02	0.51E-06	-60.0	-7253	-.8000
4915.2848	2	4764	-0.12E-01	-0.96E+02	0.98E+02	0.51E-06	-60.0	-7245	-.8000
4926.1922	2	4766	-0.11E-01	-0.96E+02	0.98E+02	0.51E-06	-60.0	-7229	-.8000
4940.4181	3	4769	-0.11E-01	-0.96E+02	0.98E+02	0.51E-06	-60.0	-7198	-.8000
4959.9591	5	4774	-0.11E-01	-0.97E+02	0.98E+02	0.51E-06	-60.0	-7144	-.8000
4979.8965	7	4781	-0.11E-01	-0.97E+02	0.98E+02	0.51E-06	-60.0	-7069	-.8000
4991.9172	5	4786	-0.10E-01	-0.97E+02	0.98E+02	0.51E-06	-60.0	-7047	-.8000
5003.9379	7	4793	-0.11E-01	-0.97E+02	0.99E+02	0.51E-06	-60.0	-7088	-.8000
5012.9534	3	4796	-0.11E-01	-0.97E+02	0.99E+02	0.51E-06	-60.0	-7110	-.8000
5026.4767	3	4799	-0.11E-01	-0.97E+02	0.99E+02	0.51E-06	-60.0	-7176	-.8000
5040.0000	7	4806	-0.11E-01	-0.98E+02	0.99E+02	0.51E-06	-60.0	-7156	-.8000
5048.2195	3	4809	-0.11E-01	-0.98E+02	0.99E+02	0.51E-06	-60.0	-7150	-.8000

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
5059.1920	4	4813	-0.11E-01	-0.98E+02	0.99E+02	0.52E-06	-60.0	-7188	-.8000
5070.1646	4	4817	-0.11E-01	-0.98E+02	0.99E+02	0.52E-06	-60.0	-7182	-.8000
5081.1372	3	4820	-0.11E-01	-0.98E+02	0.99E+02	0.52E-06	-60.0	-7182	-.8000
5094.8529	2	4822	-0.11E-01	-0.98E+02	0.10E+03	0.52E-06	-60.0	-7180	-.8000
5114.5037	6	4828	-0.11E-01	-0.98E+02	0.10E+03	0.52E-06	-60.0	-7143	-.8000
5125.2518	7	4835	-0.11E-01	-0.98E+02	0.10E+03	0.52E-06	-60.0	-7106	-.8000
5136.0000	8	4843	-0.11E-01	-0.99E+02	0.10E+03	0.52E-06	-60.0	-7132	-.8000
5144.8485	3	4846	-0.11E-01	-0.99E+02	0.10E+03	0.52E-06	-60.0	-7150	-.8000
5156.3516	7	4853	-0.11E-01	-0.99E+02	0.10E+03	0.52E-06	-60.0	-7171	-.8000
5164.4037	3	4856	-0.11E-01	-0.99E+02	0.10E+03	0.52E-06	-60.0	-7162	-.8000
5174.8715	6	4862	-0.11E-01	-0.99E+02	0.10E+03	0.52E-06	-60.0	-7177	-.8000
5185.3393	3	4865	-0.11E-01	-0.99E+02	0.10E+03	0.52E-06	-60.0	-7167	-.8000
5198.9474	3	4868	-0.11E-01	-0.99E+02	0.10E+03	0.52E-06	-60.0	-7163	-.8000
5216.6527	6	4874	-0.11E-01	-0.99E+02	0.10E+03	0.52E-06	-60.0	-7130	-.8000
5234.3579	5	4879	-0.10E-01	-0.10E+03	0.10E+03	0.53E-06	-60.0	-7083	-.8000
5252.0632	8	4887	-0.10E-01	-0.10E+03	0.10E+03	0.53E-06	-60.0	-7057	-.8000
5264.4569	3	4890	-0.10E-01	-0.10E+03	0.10E+03	0.53E-06	-60.0	-7049	-.8000
5280.3916	7	4897	-0.11E-01	-0.10E+03	0.10E+03	0.53E-06	-60.0	-7092	-.8000
5292.3427	6	4903	-0.10E-01	-0.10E+03	0.10E+03	0.53E-06	-60.0	-7084	-.8000
5304.2937	5	4908	-0.11E-01	-0.10E+03	0.10E+03	0.53E-06	-60.0	-7107	-.8000

Time	ItW	ItCum	vTop	SvTop	SvRoot	SvBot	hTop	hRoot	hBot
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5316.2448 3 4911-0.11E-01-0.10E+03 0.10E+03 0.53E-06 -60.0-7120.-8000.
 5331.1836 2 4913-0.11E-01-0.10E+03 0.10E+03 0.53E-06 -60.0-7130.-8000.
 5352.1053 7 4920-0.11E-01-0.10E+03 0.10E+03 0.54E-06 -60.0-7101.-8000.
 5364.0527 5 4925-0.10E-01-0.10E+03 0.10E+03 0.54E-06 -60.0-7064.-8000.
 5376.0000 8 4933-0.10E-01-0.10E+03 0.10E+03 0.54E-06 -60.0-7089.-8000.
 5385.3318 3 4936-0.10E-01-0.10E+03 0.10E+03 0.54E-06 -60.0-7104.-8000.
 5397.4631 10 4946-0.78E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-7036.-8000.
 5405.9550 8 4954-0.72E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-6994.-8000.
 5411.8993 4 4958-0.69E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-6967.-8000.
 5417.8436 3 4961-0.68E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-6940.-8000.
 5425.5713 4 4965-0.67E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-6908.-8000.
 5433.2989 4 4969-0.66E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-6878.-8000.
 5441.0265 3 4972-0.65E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-6852.-8000.
 5451.0724 3 4975-0.64E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-6819.-8000.
 5464.1321 4 4979-0.63E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-6785.-8000.
 5477.1918 3 4982-0.63E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-6756.-8000.
 5494.1694 3 4985-0.62E-02-0.10E+03 0.10E+03 0.54E-06 -60.0-6727.-8000.
 5516.2403 4 4989-0.62E-02-0.10E+03 0.10E+03 0.55E-06 -60.0-6698.-8000.
 5538.3112 3 4992-0.61E-02-0.10E+03 0.10E+03 0.55E-06 -60.0-6672.-8000.
 5566.0223 3 4995-0.61E-02-0.10E+03 0.10E+03 0.55E-06 -60.0-6652.-8000.

Time ItW ItCum vTop SvTop SvRoot SvBot hTop hRoot hBot

5601.6101 2 4997-0.61E-02-0.10E+03 0.10E+03 0.55E-06 -60.0-6617.-8000.
 5637.1586 2 4999-0.61E-02-0.10E+03 0.10E+03 0.55E-06 -60.0-6577.-8000.
 5672.8898 3 5002-0.61E-02-0.10E+03 0.10E+03 0.56E-06 -60.0-6555.-8000.
 5708.7858 2 5004-0.61E-02-0.10E+03 0.10E+03 0.56E-06 -60.0-6543.-8000.
 5734.3929 2 5006-0.61E-02-0.10E+03 0.10E+03 0.56E-06 -60.0-6537.-8000.
 5760.0000 3 5009-0.61E-02-0.10E+03 0.10E+03 0.56E-06 -60.0-6565.-8000.
 5792.0000 3 5012-0.61E-02-0.10E+03 0.10E+03 0.57E-06 -60.0-6583.-8000.
 5824.0000 3 5015-0.61E-02-0.10E+03 0.11E+03 0.57E-06 -60.0-6571.-8000.
 5856.0000 2 5017-0.61E-02-0.10E+03 0.11E+03 0.57E-06 -60.0-6565.-8000.

Run time [sec] 0.420000016689301

Calculations have finished successfully.

Press Enter to continue

DOI: 10.1134/S1064229314050093DOI: 10.1134/S1064229314050093