



Eight-Point Coefficients

$z$	$A_1$	$A_2$	$A_3$	$A_4$	$A_5$	$A_6$	$A_7$	$A_8$
0.0	-0.00019841270	+0.35555555	-27.357500	-455.11111	-2712.6736	+6998.4000	-8006.6651	+3328.8127
0.2	+0.0000084601055	-0.031298181	+3.7200000	-81.550421	+638.79715	-1978.9597	+2507.7279	-1181.8161
0.4	-0.00016080847	+0.31188006	-25.455708	+432.46189	-2639.4977	+6639.9824	-7160.0414	+2748.6228
0.6	+0.00016415111	-0.24160882	+13.251995	-114.88727	+13.461806	-1514.2186	+2953.1227	+1537.5014
0.8	0.00047425439	-0.02182604	73.636704	-1201.7611	6529.1690	-14255.137	+13544.252	-4660.2810
1.0	+0.00012566135	-0.50074674	+61.661250	-1369.1259	9313.5127	-23775.120	25430.703	-9651.2000
1.2	-0.00098786794	+1.5114154	-89.096659	+511.97888	-1665.1597	+10688.360	+15321.892	-6960.9575
1.4	-0.0022325308	4.3202026	-324.71925	4565.2050	-15210.973	+31170.345	-23044.250	+6787.2183
1.6	-0.0023997621	5.8600218	-547.13664	9399.9293	-45315.248	93236.325	-86250.154	29002.650
1.8	-0.00013620698	+3.2732848	-536.35405	12273.329	-67899.830	151564.26	-149201.27	53894.318
2.0	+0.0054629630	-8.2340741	-32.197500	+9550.7407	-68540.220	169672.32	-177595.52	66798.175
2.2	0.014200841	-24.254530	+1220.0483	-1595.5452	-27841.779	+104249.29	-128371.08	+52950.703
2.4	0.024167454	-49.848543	3401.1577	-26079.454	+72648.743	-85877.354	+40758.407	-3686.3906
2.6	0.031272917	-78.116034	6540.4431	-64823.429	245456.63	-435114.30	363971.91	-116014.29
2.8	0.029027448	-98.755287	19433.895	-117391.09	492257.92	-930418.29	854900.99	-290194.74
3.0	+0.0086706340	-94.711111	14562.686	-179529.96	798852.38	-1610156.9	1496675.0	-521208.85
3.2	-0.040247635	-40.994214	18016.740	-24284.09	1129982.5	-2348116.1	2220888.8	-78974.85
3.4	-0.12873219	+96.259875	19428.075	-24577.68	124096.6	-3044257.2	2947131.9	-1037687.8
3.6	-0.26655114	369.19923	16818.611	-3929.022	174537.6	-3515823.9	3471510.3	-1261916.7
3.8	-0.48965557	803.64846	+8067.1644	-29285.88	150116.2	-3510402.6	3571447.7	-132692.5
4.0	-0.70691799	1488.3793	-16099.688	-115597.85	+102059.5	-2701537.9	2934482.0	-1132965.9
4.2	-0.99545711	2484.1820	-41688.159	+166575.34	-68195.413	-687593.90	+1169811.9	-544689.72
4.4	-1.2954966	3837.6373	-88894.521	633572.90	-1981963.2	+3906161.8	-2177742.1	+602199.94
4.6	-1.5336053	5716.4994	-137564.38	1345618.7	-4975976.9	8919781.9	-7632315.0	249681.0
4.8	-1.6848467	8112.1699	-252659.28	2353263.8	-9325768.8	17647655.	-15773187.	531825.6
5.0	-1.5635251	11129.170	-377975.87	8725444.7	-15327058.	29820668.	-27218257.	6381565.1
5.2	-1.0124562	14832.523	-58353.03	556821.7	-2375431.	46982695.	-42692139.	14827794.
5.4	+0.20934096	19270.344	-787922.18	7786848.6	-3345929.	67069243.	-62516824.	21915093.
5.6	2.4206311	24465.767	-979656.04	1655852.	-46124478.	93324735.	-87625957.	30855374.
5.8	6.0337345	30407.488	-126651.3	13945904.	-61484948.	12534681(1)	-11832090(1)	41828714.

Eight-Point Coefficients—cont'd

$z$	$A_1$	$A_2$	$A_3$	$A_4$	$A_5$	$A_6$	$A_7$	$A_8$
6.0	11.572183	37038.862	-1398090.1	47897791.	-79661171.	16344203(1)	-15196560(1)	54964696.
6.2	19.690362	44245.440	-1972686.5	22426474.	-10068115(1)	20770749(1)	-19770058(1)	76320467.
6.4	31.195247	51840.866	-2385541.8	27497512.	-12441227(1)	23794851(1)	-24637231(1)	87855162.
6.6	47.070330	59551.037	-282215.6	33322633.	-15055154(1)	31339510(1)	-30048252(1)	10740233(1)
6.8	68.501836	66996.440	-3287806.7	39903924.	-17856566(1)	37666733(1)	-35468183(1)	12863411(1)
7.0	96.907348	73672.566	-3746039.7	4915462.	-20764668(1)	43636916(1)	-42467907(1)	15102721(1)
7.2	133.96692	78928.315	-4178252.5	5813222.	-23669993(1)	49357969(1)	-48268170(1)	17382919(1)
7.4	181.66680	81942.302	-4552279.8	6942732.	-26491695(1)	56074402(1)	-54333878(1)	19366796(1)
7.6	242.28585	81696.954	-4827228.8	8248877.	-28776716(1)	61877467(1)	-60761991(1)	21666126(1)
7.8	318.53479	79950.387	-4952140.1	9676991.	-30534796(1)	65418712(1)	-64866146(1)	23242118(1)
8.0	413.49832	66205.748	-4864532.6	11386928.	-31859562(1)	67852458(1)	-66987968(1)	24273858(1)

Nine-Point Coefficients

$\lambda$	$A_1$	$A_2$	$A_3$
0.0	0.0002184137	-0.0035730	13.665750
1.0	+0.0001211536	-0.0000000000	+0.0000000000
2.0	-0.0013617222	+0.0000000000	-0.0000000000
3.0	+0.002775981	-0.0000000000	+0.0000000000
4.0	-0.00375074	+0.0000000000	-0.0000000000
5.0	+0.0044229	-0.0000000000	+0.0000000000
6.0	-0.00482819	+0.0000000000	-0.0000000000
7.0	+0.00502729	-0.0000000000	+0.0000000000
8.0	-0.005170523	+0.0000000000	-0.0000000000
9.0	+0.00528494	-0.0000000000	+0.0000000000
10.0	-0.005370112	+0.0000000000	-0.0000000000
0.0	-30.108880	3000.8120	-13920.809
1.0	-1307.2206	+972.3382	-23632.346
2.0	+2496.456	-35322.79	+811202.23
3.0	-21070.17	+1184602.8	-2606078.5
4.0	+373007.3	-15886224.	+68860181.
5.0	-62132347	+1509270.	-30001148.
6.0	36100622(1)	-3022849(1)	12071201(2)
7.0	-68300000(1)	+3176143(2)	-6974539(2)
8.0	10320011(2)	-1730218(2)	15896529(3)
9.0	-16320011(2)	+715317(2)	-2601530(3)
0.0	7.621338	-2630.502	+9600.6131
1.0	+20187.613	-9479.1901	-61.830211
2.0	-12.0198.7	+982702.32	-303780.15
3.0	+3730072.7	-211450.5	+60721.93
4.0	+90070002.	-71100005.	+23402222.
5.0	-27685890.	+970682.3	-121702.65
6.0	-21601923(2)	16729015(2)	-51881239(1)
7.0	-9921611(2)	8053740(2)	-25313935(2)
8.0	-2878808(3)	21985230(3)	-69616019(2)
9.0	+35612192(3)	37861030(3)	-12116521(3)

$\lambda$	$A_1$	$A_2$	$A_3$
0.0	-0.0000000000	0.02300825	-5.530017
1.0	-0.00001088297	0.12370874	-34.161901
2.0	-0.0000172834	+3.0031681	-567.27062
3.0	+0.0000062812	-42.082080	+1618.7055
4.0	+0.000001924	-108.27783	210213.40
5.0	-0.0000000000	+654.0221	+202893.43
6.0	-2.8382019	72887.800	-308397.5
7.0	+0.5740246	370192.80	-13103536(1)
8.0	115.88079	1021819.4	-31322581(1)
9.0	658.82834	2138417.3	-48417629(1)
10.0	2901.7728	2767823.3	
0.0	212.72295	-3300.8420	20935.300
1.0	1805.6204	-23012.161	+147591.26
2.0	12974.744	-5265.2897	-476221.40
3.0	+158220.80	-3168072.0	+19630611.
4.0	-585736.4	+57717223.	-22267495(1)
5.0	-16190130.	+20735349(1)	-11192683(2)
6.0	+11018886(1)	-68914896(1)	+42068880(2)
7.0	9532901(1)	-95579194(2)	42012878(3)
8.0	30658995(2)	-12260990(3)	18874595(4)
9.0	9221495(2)	-9228751(3)	49088305(4)
10.0	1236711(2)	-17162802(1)	88161772(4)
0.0	-6387.780	106322.01	-86177.783
1.0	-101806.73	+613980.85	-170240.13
2.0	+1248827.1	-3917612.7	+3212505.2
3.0	-56192631.	+83061149.	-61076182.
4.0	+66680817(1)	-80311553(1)	+61608660(1)
5.0	+30106111(2)	-13069252(2)	+31560516(2)
6.0	-10022314(3)	+13064623(3)	-87206613(2)
7.0	-11633925(4)	-11633925(4)	-11220325(4)
8.0	-48820405(5)	16002796(4)	-48160124(4)
9.0	-13065175(5)	67968052(4)	-13001312(5)
10.0	-2312485(5)	33241091(5)	-22829005(5)
0.0	27537.319		
1.0	+134814.96		
2.0	-1014106.8		
3.0	+17690716.		
4.0	-16907093(1)		
5.0	-90518254(1)		
6.0	+23576506(2)		
7.0	31452861(3)		
8.0	13612414(4)		
9.0	37198105(4)		
10.0	68317698(4)		

These tables are taken from the research paper, Salzer, H.E. J. Math and Phys 37(1958) 89-109.