

Table 22.13

Hermite Polynomials $H_n(x)$

$n \backslash x$	0.5	1.0	3.0	5.0	10.0
0	+1.00000	+1.00000	+1.00000 00	1.00000 00000	1.00000 00000
1	+1.00000	+2.00000	+6.00000 00	(1)1.00000 00000	(1)2.00000 00000
2	-1.00000	+2.00000	(1)+3.40000 00	(1)9.80000 00000	(2)3.98000 00000
3	-5.00000	-4.00000	(2)+1.80000 00	(2)9.40000 00000	(3)7.88000 00000
4	+1.00000	(1)-2.00000	(2)+8.76000 00	(3)8.81200 00000	(5)1.55212 00000
5	(1)+4.10000	(0)-8.00000	(3)+3.81600 00	(4)8.06000 00000	(6)3.04120 00000
6	(1)+3.10000	(2)+1.84000	(4)+1.41360 00	(5)7.17880 00000	(7)5.92718 80000
7	(2)-4.61000	(2)+4.64000	(4)+3.90240 00	(6)6.21160 00000	(9)1.14894 32000
8	(2)-8.95000	(3)-1.64800	(4)+3.62400 00	(7)5.20656 80000	(10)2.21490 57680
9	(3)+6.48100	(4)-1.07200	(5)-4.06944 00	(8)4.21271 20000	(11)4.24598 06240
10	(4)+2.25910	(3)+8.22400	(6)-3.09398 40	(9)3.27552 97600	(12)8.09327 82098
11	(5)-1.07029	(5)+2.30848	(7)-1.04250 24	(10)2.43298 73600	(14)1.53373 60295
12	(5)-6.04031	(5)+2.80768	(6)+5.51750 40	(11)1.71237 08128	(15)2.88941 99383