

GAUSS - LEGENDRE

n	x_k	W_k	n	x_k	W_k
2	$\pm .57735027$	1.00000000	14	$\pm .98628381$	.03511946
4	$\pm .86113631$	.34785485		$\pm .92843488$	.08015809
	$\pm .33998104$	.65214515		$\pm .82720132$	.12151857
6	$\pm .93246951$	.17132449		$\pm .68729290$	.15720317
	$\pm .66120939$	.36076157		$\pm .51524864$	.18553840
	$\pm .23861919$	.46791393		$\pm .31911237$	.20519846
8	$\pm .96028986$	.10122854		$\pm .10805495$	.21526385
	$\pm .79666648$	.22238103	16	$\pm .98940093$	.02715246
	$\pm .52553241$	.31870665		$\pm .94457502$	.06225352
	$\pm .18343464$	.36268378		$\pm .86563120$	.09515851
10	$\pm .97390653$	.06667134		$\pm .75540441$	.12462897
	$\pm .86506337$	.14945135		$\pm .61787624$	.14959599
	$\pm .67940957$	.21908636		$\pm .45801678$	.16915652
	$\pm .4339539$	.26926672		$\pm .28160355$	.18260342
	$\pm .14887434$	.29552422		$\pm .09501251$	.18945061
12	$\pm .98156063$	.04717534			
	$\pm .90411725$	.10693933			
	$\pm .76990267$	.16007833			
	$\pm .58731795$	.20316743			
	$\pm .36783150$	.23349254			
	$\pm .12533341$	.24914705			

Table 15.1

GAUSS - LAGUERRE

n	x_k	W_k	n	x_k	W_k
2	.58578644	.85355339	12	.11572212	.26473137
	3.41421356	.14644661		.61175748	.37775928
4	.32254769	.60315410		1.51261027	.24408201
	1.74576110	.35741869		2.83375134	.09044922
	4.53662030	.03888791		4.59922764	.02010238
	9.39507091	.00053929		6.84452545	.00266397
6	.22284660	.45896467		9.62131684	.00020323
	1.18893210	.41700083		13.00605499	.00000837
	2.99273633	.11337338		17.11685519	.00000017
	5.77514357	.01039920		22.15109038	.00000000
	9.83746742	.00026102		28.48796725	.00000000
	15.98287398	.00000090		37.09912104	.00000000
8	.17027963	.36918859	14	.09974751	.23181558
	.90370178	.41878678		.52685765	.35378469
	2.25108663	.17579499		1.30062912	.25873461
	4.26670017	.03334349		2.43080108	.11548289
	7.04590540	.00279454		3.93210282	.03319209
	10.75851601	.00009077		5.82553622	.00619287
	15.74067864	.00000085		8.14024014	.00073989
	22.86313174	.00000000		10.91649951	.00005491
10	.13779347	.30844112		14.21080501	.00000241
	.72945455	.40111993		18.10489222	.00000006
	1.80834290	.21806829		22.72338163	.00000000
	3.40143370	.06208746		28.27298172	.00000000
	5.55249614	.00950152		35.14944366	.00000000
	8.33015275	.00075301		44.36608171	.00000000
	11.84378584	.00002826			
	16.27925783	.00000042			
	21.99658581	.00000000			
	29.92069701	.00000000			

Table 15.2

GAUSS - HERMITE

n	x_k	W_k	n	x_k	W_k
2	$\pm .70710678$	.88622693	12	$\pm .31424038$	.57013524
4	$\pm .52464762$	.80491409		$\pm .94778839$	.26049231
	± 1.65068012	.08131284		± 1.59768264	.05160799
6	$\pm .43607741$	.72462960		± 2.27950708	.00390539
	± 1.33584907	.15706732		± 3.02063703	.00008574
	± 2.35060497	.00453001		± 3.88972490	.00000027
8	$\pm .38118699$	.66114701	14	$\pm .29174551$	.53640591
	± 1.15719371	.20780233		$\pm .87871379$	.27310561
	± 1.98165676	.01707798		± 1.47668273	.06850553
	± 2.93063742	.00019960		± 2.09518326	.00785005
10	$\pm .34290133$	.61086263		± 2.74847072	.00035509
	± 1.03661083	.24013861		± 3.46265693	.00000472
	± 1.75668365	.03387439		± 4.30444857	.00000001
	± 2.53273167	.00134365			
	± 3.43615912	.00000764			

Table 15.3