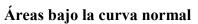
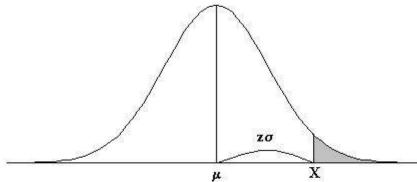
## TABLA 1: DISTRIBUCIÓN NORMAL





Ejemplo:

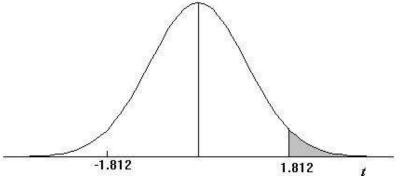
$$Z = \frac{X - \mu}{\sigma}$$

$$P[Z > 1] = 0.1587$$
  
 $P[Z > 1.96] = 0.0250$ 

			μ		Λ					
Desv.										
normal	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
X	0.5000	0.4000	0.4000	0.4000	0.4040	0.4004	0.4704	0.4704	0.4004	0.4044
0.0	0.5000 0.4602	0.4960 0.4562	0.4920 0.4522	0.4880 0.4483	0.4840 0.4443	0.4801 0.4404	0.4761 0.4364	0.4721 0.4325	0.4681 0.4286	0.4641 0.4247
0.1 0.2		0.4562		0.4463	0.4443		0.4364	0.4325	0.4266	
0.2	0.4207 0.3821	0.4166	0.4129 0.3745	0.4090	0.4052	0.4013 0.3632	0.3594	0.3557	0.3520	0.3859
0.3	0.3446	0.3763	0.3745	0.3707	0.3300	0.3032	0.3594	0.3557	0.3520	0.3483 0.3121
0.4	0.3440	0.3409	0.3372	0.3330	0.3300	0.3204	0.3220	0.3192	0.3130	0.3121
0.5	0.3085	0.3050	0.3015	0.2981	0.2946	0.2912	0.2877	0.2843	0.2810	0.2776
0.6	0.2743	0.2709	0.2676	0.2643	0.2611	0.2578	0.2546	0.2514	0.2483	0.2451
0.7	0.2420	0.2389	0.2358	0.2327	0.2296	0.2266	0.2236	0.2206	0.2177	0.2148
0.8	0.2119	0.2090	0.2061	0.2033	0.2005	0.1977	0.1949	0.1922	0.1894	0.1867
0.9	0.1841	0.1814	0.1788	0.1762	0.1736	0.1711	0.1685	0.1660	0.1635	0.1611
1.0	0.1587	0.1562	0.1539	0.1515	0.1492	0.1469	0.1446	0.1423	0.1401	0.1379
1.1	0.1357	0.1335	0.1314	0.1292	0.1271	0.1251	0.1230	0.1210	0.1190	0.1170
1.2	0.1151	0.1131	0.1112	0.1093	0.1075	0.1056	0.1038	0.1020	0.1003	0.0985
1.3	0.0968	0.0951	0.0934	0.0918	0.0901	0.0885	0.0869	0.0853	0.0838	0.0823
1.4	0.0808	0.0793	0.0778	0.0764	0.0749	0.0735	0.0721	0.0708	0.0694	0.0681
1.5	0.0668	0.0655	0.0643	0.0630	0.0618	0.0606	0.0594	0.0582	0.0571	0.0559
1.6	0.0548	0.0537	0.0526	0.0516	0.0505	0.0495	0.0485	0.0475	0.0465	0.0455
1.7	0.0446	0.0436	0.0427	0.0418	0.0409	0.0401	0.0392	0.0384	0.0375	0.0367
1.8	0.0359	0.0351	0.0344	0.0336	0.0329	0.0322	0.0314	0.0307	0.0301	0.0294
1.9	0.0287	0.0281	0.0274	0.0268	0.0262	0.0256	0.0250	0.0244	0.0239	0.0233
2.0	0.0228	0.0222	0.0217	0.0212	0.0207	0.0202	0.0197	0.0192	0.0188	0.0183
2.0	0.0228	0.0222	0.0217	0.0212	0.0207	0.0202	0.0197	0.0192	0.0186	0.0163
2.1	0.0179	0.0174	0.0170	0.0100	0.0102	0.0138	0.0134	0.0130	0.0146	0.0143
2.3	0.0107	0.0130	0.0102	0.0099	0.0096	0.0122	0.00113	0.00110	0.0113	0.00110
2.4	0.0082	0.0080	0.0078	0.0075	0.0073	0.0034	0.0069	0.0068	0.0066	0.0064
2.7	0.0002	0.0000	0.0070	0.0073	0.0073	0.0071	0.0003	0.0000	0.0000	0.0004
2.5	0.0062	0.0060	0.0059	0.0057	0.0055	0.0054	0.0052	0.0051	0.0049	0.0048
2.6	0.0047	0.0045	0.0044	0.0043	0.0041	0.0040	0.0039	0.0038	0.0037	0.0036
2.7	0.0035	0.0034	0.0033	0.0032	0.0031	0.0030	0.0029	0.0028	0.0027	0.0026
2.8	0.0026	0.0025	0.0024	0.0023	0.0023	0.0022	0.0021	0.0021	0.0020	0.0019
2.9	0.0019	0.0018	0.0018	0.0017	0.0016	0.0016	0.0015	0.0015	0.0014	0.0014
3.0	0.0013	0.0013	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0010	0.0010

## **TABLA 2: DISTRIBUCIÓN t DE STUDENT**

## Puntos de porcentaje de la distribución t



## Ejemplo

Para  $\phi = 10$  grados de libertad:

$$P[t > 1.812] = 0.05$$
  
 $P[t < -1.812] = 0.05$ 

α     0,25     0,2     0,15     0,1     0,05     0,025     0,01     0,005     0,0005       1     1,000     1,376     1,963     3,078     6,314     12,706     31,821     63,656     636,578       2     0,816     1,061     1,386     1,886     2,920     4,303     6,965     9,925     31,600       3     0,765     0,978     1,250     1,638     2,353     3,182     4,541     5,841     12,924       4     0,741     0,941     1,190     1,533     2,132     2,776     3,747     4,604     8,610       5     0,727     0,920     1,156     1,476     2,015     2,571     3,365     4,032     6,869       6     0,718     0,906     1,134     1,440     1,943     2,447     3,143     3,707     5,959       7     0,711     0,886     1,108     1,391     1,860     2,365     2,983     3,355     5,041       9     0,703     0,883     <	9.5				025930	100000	I			
2     0,816     1,061     1,386     1,886     2,920     4,303     6,965     9,925     31,600       3     0,765     0,978     1,250     1,638     2,353     3,182     4,541     5,841     12,924       4     0,741     0,941     1,190     1,533     2,132     2,776     3,747     4,604     8,610       5     0,727     0,920     1,156     1,476     2,015     2,571     3,365     4,032     6,869       6     0,718     0,906     1,134     1,440     1,943     2,447     3,143     3,707     5,959       7     0,711     0,896     1,108     1,397     1,860     2,306     2,986     3,355     5,041       9     0,703     0,883     1,100     1,383     1,833     2,262     2,821     3,250     4,781       10     0,700     0,876     1,088     1,363     1,796     2,201     2,718     3,106     4,437       12     0,995     0,873			0,2	0,15	0,1	0,05	0,025	0,01	0,005	0,0005
2     0,816     1,061     1,386     1,886     2,920     4,303     6,965     9,925     31,600       3     0,765     0,978     1,250     1,638     2,353     3,182     4,541     5,841     12,924       4     0,741     0,941     1,190     1,533     2,132     2,776     3,747     4,604     8,610       5     0,727     0,920     1,156     1,476     2,015     2,571     3,365     4,032     6,869       6     0,718     0,906     1,134     1,440     1,943     2,447     3,143     3,707     5,959       7     0,711     0,896     1,108     1,397     1,860     2,306     2,986     3,355     5,041       9     0,703     0,883     1,100     1,383     1,833     2,262     2,821     3,250     4,781       10     0,700     0,876     1,088     1,363     1,796     2,201     2,718     3,106     4,437       12     0,995     0,873	1	1,000	1,376	1,963	3,078	6,314	12,706	31,821	63,656	636,578
3     0,765     0,978     1,250     1,638     2,353     3,182     4,541     5,841     12,924       4     0,741     0,941     1,190     1,533     2,132     2,776     3,747     4,604     8,610       5     0,727     0,920     1,156     1,476     2,015     2,571     3,365     4,032     6,869       6     0,718     0,906     1,134     1,440     1,943     2,447     3,143     3,707     5,959       7     0,711     0,896     1,108     1,397     1,860     2,306     2,986     3,455     5,041       8     0,706     0,889     1,108     1,397     1,860     2,306     2,896     3,355     5,041       10     0,700     0,879     1,093     1,372     1,812     2,228     2,764     3,169     4,587       11     0,697     0,876     1,088     1,363     1,796     2,201     2,718     3,169     4,587       11     0,699     0,863	2									
4     0,741     0,941     1,190     1,533     2,132     2,776     3,747     4,604     8,610       5     0,727     0,920     1,156     1,476     2,015     2,571     3,365     4,032     6,869       6     0,718     0,906     1,134     1,440     1,943     2,447     3,143     3,707     5,959       7     0,711     0,896     1,119     1,415     1,895     2,365     2,998     3,499     5,408       8     0,706     0,889     1,100     1,383     1,833     2,262     2,821     3,250     4,781       10     0,700     0,879     1,093     1,372     1,812     2,228     2,764     3,169     4,587       11     0,697     0,876     1,088     1,363     1,796     2,201     2,718     3,106     4,437       12     0,695     0,873     1,083     1,356     1,782     2,179     2,681     3,055     4,318       13     0,694     0,870							3,182		5,841	
5     0,727     0,920     1,156     1,476     2,015     2,571     3,365     4,032     6,869       6     0,718     0,906     1,134     1,440     1,943     2,447     3,143     3,707     5,959       7     0,711     0,896     1,119     1,415     1,895     2,365     2,998     3,499     5,408       8     0,706     0,889     1,108     1,397     1,860     2,306     2,896     3,355     5,041       9     0,703     0,883     1,100     1,383     1,833     2,262     2,821     3,250     4,781       10     0,700     0,879     1,093     1,372     1,812     2,228     2,764     3,169     4,587       11     0,697     0,876     1,088     1,363     1,796     2,201     2,718     3,106     4,437       12     0,695     0,873     1,083     1,363     1,796     2,201     2,718     3,106     4,437       12     0,689     0,863									4,604	
6     0,718     0,906     1,134     1,440     1,943     2,447     3,143     3,707     5,959       7     0,711     0,896     1,119     1,415     1,895     2,366     2,998     3,499     5,408       8     0,706     0,889     1,108     1,397     1,860     2,306     2,896     3,355     5,041       9     0,703     0,883     1,100     1,383     1,833     2,262     2,821     3,250     4,781       10     0,700     0,879     1,093     1,372     1,812     2,228     2,764     3,169     4,587       11     0,697     0,876     1,088     1,363     1,796     2,201     2,718     3,106     4,437       12     0,695     0,873     1,083     1,356     1,782     2,179     2,681     3,055     4,318       13     0,694     0,870     1,079     1,350     1,771     2,160     2,650     3,012     4,221       14     0,692     0,868										
7     0,711     0,896     1,119     1,415     1,895     2,365     2,998     3,499     5,408       8     0,706     0,889     1,108     1,397     1,860     2,306     2,896     3,355     5,041       9     0,703     0,883     1,100     1,383     1,833     2,262     2,821     3,250     4,781       10     0,700     0,879     1,093     1,372     1,812     2,228     2,764     3,169     4,587       11     0,697     0,876     1,088     1,363     1,796     2,201     2,718     3,106     4,437       12     0,695     0,873     1,083     1,356     1,771     2,160     2,650     3,012     4,221       14     0,692     0,868     1,076     1,345     1,761     2,145     2,624     2,977     4,140       15     0,691     0,865     1,074     1,337     1,746     2,120     2,583     2,921     4,015       17     0,686     0,865										
8     0,706     0,889     1,108     1,397     1,860     2,306     2,896     3,355     5,041       9     0,703     0,883     1,100     1,383     1,833     2,262     2,821     3,250     4,781       10     0,700     0,879     1,093     1,372     1,812     2,228     2,764     3,169     4,587       11     0,697     0,876     1,088     1,363     1,796     2,201     2,718     3,106     4,437       12     0,695     0,873     1,083     1,356     1,782     2,179     2,681     3,055     4,318       13     0,694     0,870     1,079     1,350     1,771     2,160     2,650     3,012     4,221       14     0,692     0,868     1,076     1,345     1,761     2,145     2,624     2,977     4,140       15     0,691     0,865     1,071     1,337     1,746     2,120     2,583     2,921     4,015       17     0,688     0,863	6	0,718	0,906	1,134	1,440	1,943	2,447	3,143	3,707	5,959
9     0,703     0,883     1,100     1,383     1,833     2,262     2,821     3,250     4,781       10     0,700     0,879     1,093     1,372     1,812     2,228     2,764     3,169     4,587       11     0,697     0,876     1,088     1,363     1,796     2,201     2,718     3,106     4,437       12     0,695     0,873     1,083     1,366     1,782     2,179     2,681     3,055     4,318       13     0,694     0,870     1,079     1,350     1,771     2,160     2,650     3,012     4,221       14     0,692     0,868     1,076     1,345     1,761     2,145     2,624     2,977     4,140       15     0,691     0,866     1,074     1,341     1,753     2,131     2,602     2,947     4,073       16     0,690     0,865     1,071     1,337     1,746     2,120     2,583     2,921     4,015       17     0,688     0,862		0,711	0,896	1,119	1,415	1,895	2,365	2,998	3,499	5,408
10     0,700     0,879     1,093     1,372     1,812     2,228     2,764     3,169     4,587       11     0,697     0,876     1,088     1,363     1,796     2,201     2,718     3,106     4,437       12     0,695     0,873     1,083     1,356     1,782     2,179     2,681     3,055     4,318       13     0,694     0,870     1,079     1,350     1,771     2,160     2,650     3,012     4,221       14     0,692     0,868     1,076     1,345     1,761     2,145     2,624     2,977     4,140       15     0,691     0,866     1,071     1,337     1,746     2,120     2,583     2,921     4,015       17     0,689     0,863     1,069     1,333     1,746     2,120     2,583     2,921     4,015       17     0,688     0,861     1,067     1,330     1,734     2,101     2,552     2,878     3,922       19     0,688     0,861		0,706	0,889	1,108	1,397	1,860	2,306	2,896	3,355	5,041
11     0,697     0,876     1,088     1,363     1,796     2,201     2,718     3,106     4,437       12     0,695     0,873     1,083     1,356     1,782     2,179     2,681     3,055     4,318       13     0,694     0,870     1,079     1,350     1,771     2,160     2,650     3,012     4,221       14     0,692     0,868     1,076     1,345     1,761     2,145     2,624     2,977     4,140       15     0,691     0,866     1,074     1,341     1,753     2,131     2,602     2,947     4,073       16     0,690     0,865     1,071     1,337     1,746     2,120     2,583     2,921     4,015       17     0,689     0,863     1,069     1,333     1,740     2,110     2,567     2,898     3,965       18     0,688     0,862     1,067     1,333     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860	9	0,703	0,883	1,100	1,383	1,833	2,262	2,821	3,250	4,781
12     0,695     0,873     1,083     1,356     1,782     2,179     2,681     3,055     4,318       13     0,694     0,870     1,079     1,350     1,771     2,160     2,650     3,012     4,221       14     0,692     0,868     1,076     1,345     1,761     2,145     2,624     2,977     4,140       15     0,691     0,866     1,074     1,341     1,753     2,131     2,602     2,947     4,073       16     0,690     0,865     1,071     1,337     1,746     2,120     2,583     2,921     4,015       17     0,689     0,863     1,069     1,333     1,740     2,110     2,567     2,898     3,965       18     0,688     0,862     1,067     1,330     1,734     2,101     2,552     2,878     3,922       19     0,688     0,861     1,066     1,328     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860	10	0,700	0,879	1,093	1,372	1,812	2,228	2,764	3,169	4,587
12     0,695     0,873     1,083     1,356     1,782     2,179     2,681     3,055     4,318       13     0,694     0,870     1,079     1,350     1,771     2,160     2,650     3,012     4,221       14     0,692     0,868     1,076     1,345     1,761     2,145     2,624     2,977     4,140       15     0,691     0,866     1,074     1,341     1,753     2,131     2,602     2,947     4,073       16     0,690     0,865     1,071     1,337     1,746     2,120     2,583     2,921     4,015       17     0,689     0,863     1,069     1,333     1,740     2,110     2,567     2,898     3,965       18     0,688     0,862     1,067     1,330     1,734     2,101     2,552     2,878     3,922       19     0,688     0,861     1,066     1,328     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860										
13     0,694     0,870     1,079     1,350     1,771     2,160     2,650     3,012     4,221       14     0,692     0,868     1,076     1,345     1,761     2,145     2,624     2,977     4,140       15     0,691     0,866     1,074     1,341     1,753     2,131     2,602     2,947     4,073       16     0,690     0,865     1,071     1,337     1,746     2,120     2,583     2,921     4,015       17     0,689     0,863     1,069     1,333     1,740     2,110     2,567     2,898     3,965       18     0,688     0,862     1,067     1,330     1,734     2,101     2,552     2,878     3,922       19     0,688     0,861     1,066     1,328     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860     1,064     1,323     1,721     2,080     2,518     2,845     3,850       21     0,686     0,859										
14     0,692     0,868     1,076     1,345     1,761     2,145     2,624     2,977     4,140       15     0,691     0,866     1,074     1,341     1,753     2,131     2,602     2,947     4,073       16     0,690     0,865     1,071     1,337     1,746     2,120     2,583     2,921     4,015       17     0,689     0,863     1,069     1,333     1,740     2,110     2,567     2,898     3,965       18     0,688     0,862     1,067     1,330     1,734     2,101     2,552     2,878     3,922       19     0,688     0,861     1,066     1,328     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860     1,064     1,325     1,725     2,086     2,518     2,845     3,850       21     0,686     0,859     1,063     1,323     1,721     2,080     2,518     2,819     3,792       23     0,685     0,858										
15     0,691     0,866     1,074     1,341     1,753     2,131     2,602     2,947     4,073       16     0,690     0,865     1,071     1,337     1,746     2,120     2,583     2,921     4,015       17     0,689     0,863     1,069     1,333     1,740     2,110     2,567     2,898     3,965       18     0,688     0,862     1,067     1,330     1,734     2,101     2,552     2,878     3,922       19     0,688     0,861     1,066     1,328     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860     1,064     1,325     1,725     2,086     2,528     2,845     3,850       21     0,686     0,859     1,063     1,323     1,721     2,080     2,518     2,831     3,819       22     0,686     0,858     1,061     1,321     1,717     2,074     2,508     2,819     3,792       23     0,685     0,858										
16     0,690     0,865     1,071     1,337     1,746     2,120     2,583     2,921     4,015       17     0,689     0,863     1,069     1,333     1,740     2,110     2,567     2,898     3,965       18     0,688     0,862     1,067     1,330     1,734     2,101     2,552     2,878     3,922       19     0,688     0,861     1,066     1,328     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860     1,064     1,325     1,725     2,086     2,528     2,845     3,850       21     0,686     0,859     1,063     1,323     1,721     2,080     2,518     2,831     3,819       22     0,686     0,858     1,061     1,321     1,714     2,069     2,508     2,819     3,792       23     0,685     0,858     1,060     1,319     1,714     2,069     2,500     2,807     3,768       24     0,685     0,857				1,076		1,761			2,977	
17     0,689     0,863     1,069     1,333     1,740     2,110     2,567     2,898     3,965       18     0,688     0,862     1,067     1,330     1,734     2,101     2,552     2,878     3,922       19     0,688     0,861     1,066     1,328     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860     1,064     1,325     1,725     2,086     2,528     2,845     3,850       21     0,686     0,859     1,063     1,323     1,721     2,080     2,518     2,831     3,819       22     0,686     0,858     1,061     1,321     1,717     2,074     2,508     2,819     3,792       23     0,685     0,858     1,060     1,319     1,714     2,069     2,500     2,807     3,768       24     0,685     0,857     1,059     1,318     1,711     2,064     2,492     2,797     3,745       25     0,684     0,856	15	0,691	0,866	1,074	1,341	1,753	2,131	2,602	2,947	4,073
17     0,689     0,863     1,069     1,333     1,740     2,110     2,567     2,898     3,965       18     0,688     0,862     1,067     1,330     1,734     2,101     2,552     2,878     3,922       19     0,688     0,861     1,066     1,328     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860     1,064     1,325     1,725     2,086     2,528     2,845     3,850       21     0,686     0,859     1,063     1,323     1,721     2,080     2,518     2,831     3,819       22     0,686     0,858     1,061     1,321     1,717     2,074     2,508     2,819     3,792       23     0,685     0,858     1,060     1,319     1,714     2,069     2,500     2,807     3,768       24     0,685     0,857     1,059     1,318     1,711     2,064     2,492     2,797     3,745       25     0,684     0,856										
18     0,688     0,862     1,067     1,330     1,734     2,101     2,552     2,878     3,922       19     0,688     0,861     1,066     1,328     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860     1,064     1,325     1,725     2,086     2,528     2,845     3,850       21     0,686     0,859     1,063     1,323     1,721     2,080     2,518     2,831     3,819       22     0,686     0,858     1,061     1,321     1,717     2,074     2,508     2,819     3,792       23     0,685     0,858     1,060     1,319     1,714     2,069     2,500     2,807     3,768       24     0,685     0,857     1,059     1,318     1,711     2,064     2,492     2,797     3,745       25     0,684     0,856     1,058     1,315     1,706     2,056     2,479     2,779     3,707       27     0,684     0,855										
19     0,688     0,861     1,066     1,328     1,729     2,093     2,539     2,861     3,883       20     0,687     0,860     1,064     1,325     1,725     2,086     2,528     2,845     3,883       21     0,686     0,859     1,063     1,323     1,721     2,080     2,518     2,831     3,819       22     0,686     0,858     1,061     1,321     1,717     2,074     2,508     2,819     3,792       23     0,685     0,858     1,060     1,319     1,714     2,069     2,500     2,807     3,768       24     0,685     0,857     1,059     1,318     1,711     2,064     2,492     2,797     3,745       25     0,684     0,856     1,058     1,315     1,706     2,056     2,479     2,779     3,707       27     0,684     0,855     1,057     1,314     1,703     2,052     2,473     2,771     3,689       28     0,683     0,854										
20     0,687     0,860     1,064     1,325     1,725     2,086     2,528     2,845     3,850       21     0,686     0,859     1,063     1,323     1,721     2,080     2,518     2,831     3,819       22     0,686     0,858     1,061     1,321     1,717     2,074     2,508     2,819     3,792       23     0,685     0,858     1,060     1,319     1,714     2,069     2,500     2,807     3,768       24     0,685     0,857     1,059     1,318     1,711     2,064     2,492     2,797     3,745       25     0,684     0,856     1,058     1,315     1,706     2,060     2,485     2,787     3,707       27     0,684     0,855     1,057     1,314     1,703     2,052     2,473     2,771     3,689       28     0,683     0,855     1,056     1,313     1,701     2,048     2,467     2,763     3,674       29     0,683     0,854										
21     0,686     0,859     1,063     1,323     1,721     2,080     2,518     2,831     3,819       22     0,686     0,858     1,061     1,321     1,717     2,074     2,508     2,819     3,792       23     0,685     0,858     1,060     1,319     1,714     2,069     2,500     2,807     3,768       24     0,685     0,857     1,059     1,318     1,711     2,064     2,492     2,797     3,745       25     0,684     0,856     1,058     1,315     1,706     2,060     2,485     2,787     3,707       27     0,684     0,855     1,057     1,314     1,703     2,052     2,473     2,771     3,689       28     0,683     0,855     1,056     1,313     1,701     2,048     2,467     2,763     3,674       29     0,683     0,854     1,055     1,311     1,699     2,045     2,462     2,756     3,660       30     0,683     0,854										
22     0,686     0,858     1,061     1,321     1,717     2,074     2,508     2,819     3,792       23     0,685     0,858     1,060     1,319     1,714     2,069     2,500     2,807     3,768       24     0,685     0,857     1,059     1,318     1,711     2,064     2,492     2,797     3,745       25     0,684     0,856     1,058     1,316     1,708     2,060     2,485     2,787     3,725       26     0,684     0,856     1,058     1,315     1,706     2,056     2,479     2,779     3,707       27     0,684     0,855     1,057     1,314     1,703     2,052     2,473     2,771     3,689       28     0,683     0,855     1,056     1,313     1,701     2,048     2,467     2,763     3,674       29     0,683     0,854     1,055     1,311     1,699     2,045     2,462     2,756     3,660       30     0,681     0,851	20	0,687	0,860	1,064	1,325	1,725	2,086	2,528	2,845	3,850
22     0,686     0,858     1,061     1,321     1,717     2,074     2,508     2,819     3,792       23     0,685     0,858     1,060     1,319     1,714     2,069     2,500     2,807     3,768       24     0,685     0,857     1,059     1,318     1,711     2,064     2,492     2,797     3,745       25     0,684     0,856     1,058     1,316     1,708     2,060     2,485     2,787     3,725       26     0,684     0,856     1,058     1,315     1,706     2,056     2,479     2,779     3,707       27     0,684     0,855     1,057     1,314     1,703     2,052     2,473     2,771     3,689       28     0,683     0,855     1,056     1,313     1,701     2,048     2,467     2,763     3,674       29     0,683     0,854     1,055     1,311     1,699     2,045     2,462     2,756     3,660       30     0,681     0,851	04	0.000	0.050	4 000	4 000	4 704	0.000	0.540	0.004	0.040
23     0,685     0,858     1,060     1,319     1,714     2,069     2,500     2,807     3,768       24     0,685     0,857     1,059     1,318     1,711     2,064     2,492     2,797     3,745       25     0,684     0,856     1,058     1,316     1,708     2,060     2,485     2,787     3,725       26     0,684     0,856     1,058     1,315     1,706     2,056     2,479     2,779     3,707       27     0,684     0,855     1,057     1,314     1,703     2,052     2,473     2,771     3,689       28     0,683     0,855     1,056     1,313     1,701     2,048     2,467     2,763     3,674       29     0,683     0,854     1,055     1,311     1,699     2,045     2,462     2,756     3,660       30     0,683     0,854     1,055     1,310     1,697     2,042     2,457     2,750     3,646       40     0,681     0,851										
24     0,685     0,857     1,059     1,318     1,711     2,064     2,492     2,797     3,745       25     0,684     0,856     1,058     1,316     1,708     2,060     2,485     2,787     3,725       26     0,684     0,856     1,058     1,315     1,706     2,056     2,479     2,779     3,707       27     0,684     0,855     1,057     1,314     1,703     2,052     2,473     2,771     3,689       28     0,683     0,855     1,056     1,313     1,701     2,048     2,467     2,763     3,674       29     0,683     0,854     1,055     1,311     1,699     2,045     2,462     2,756     3,660       30     0,683     0,854     1,055     1,310     1,697     2,042     2,457     2,750     3,646       40     0,681     0,851     1,050     1,303     1,684     2,021     2,423     2,704     3,551       60     0,679     0,848										
25     0,684     0,856     1,058     1,316     1,708     2,060     2,485     2,787     3,725       26     0,684     0,856     1,058     1,315     1,706     2,056     2,479     2,779     3,707       27     0,684     0,855     1,057     1,314     1,703     2,052     2,473     2,771     3,689       28     0,683     0,855     1,056     1,313     1,701     2,048     2,467     2,763     3,674       29     0,683     0,854     1,055     1,311     1,699     2,045     2,462     2,756     3,660       30     0,683     0,854     1,055     1,310     1,697     2,042     2,457     2,750     3,646       40     0,681     0,851     1,050     1,303     1,684     2,021     2,423     2,704     3,551       60     0,679     0,848     1,045     1,296     1,671     2,000     2,390     2,660     3,460       120     0,677     0,845										
26     0,684     0,856     1,058     1,315     1,706     2,056     2,479     2,779     3,707       27     0,684     0,855     1,057     1,314     1,703     2,052     2,473     2,771     3,689       28     0,683     0,855     1,056     1,313     1,701     2,048     2,467     2,763     3,674       29     0,683     0,854     1,055     1,311     1,699     2,045     2,462     2,756     3,660       30     0,683     0,854     1,055     1,310     1,697     2,042     2,457     2,750     3,646       40     0,681     0,851     1,050     1,303     1,684     2,021     2,423     2,704     3,551       60     0,679     0,848     1,045     1,296     1,671     2,000     2,390     2,660     3,460       120     0,677     0,845     1,041     1,289     1,658     1,980     2,358     2,617     3,373										
27 0,684 0,855 1,057 1,314 1,703 2,052 2,473 2,771 3,689   28 0,683 0,855 1,056 1,313 1,701 2,048 2,467 2,763 3,674   29 0,683 0,854 1,055 1,311 1,699 2,045 2,462 2,756 3,660   30 0,683 0,854 1,055 1,310 1,697 2,042 2,457 2,750 3,646   40 0,681 0,851 1,050 1,303 1,684 2,021 2,423 2,704 3,551   60 0,679 0,848 1,045 1,296 1,671 2,000 2,390 2,660 3,460   120 0,677 0,845 1,041 1,289 1,658 1,980 2,358 2,617 3,373	25	0,684	0,856	1,058	1,316	1,708	2,060	2,485	2,787	3,725
27 0,684 0,855 1,057 1,314 1,703 2,052 2,473 2,771 3,689   28 0,683 0,855 1,056 1,313 1,701 2,048 2,467 2,763 3,674   29 0,683 0,854 1,055 1,311 1,699 2,045 2,462 2,756 3,660   30 0,683 0,854 1,055 1,310 1,697 2,042 2,457 2,750 3,646   40 0,681 0,851 1,050 1,303 1,684 2,021 2,423 2,704 3,551   60 0,679 0,848 1,045 1,296 1,671 2,000 2,390 2,660 3,460   120 0,677 0,845 1,041 1,289 1,658 1,980 2,358 2,617 3,373	26	0 684	0.856	1 058	1 315	1 706	2 056	2 479	2 779	3 707
28 0,683 0,855 1,056 1,313 1,701 2,048 2,467 2,763 3,674   29 0,683 0,854 1,055 1,311 1,699 2,045 2,462 2,756 3,660   30 0,683 0,854 1,055 1,310 1,697 2,042 2,457 2,750 3,646   40 0,681 0,851 1,050 1,303 1,684 2,021 2,423 2,704 3,551   60 0,679 0,848 1,045 1,296 1,671 2,000 2,390 2,660 3,460   120 0,677 0,845 1,041 1,289 1,658 1,980 2,358 2,617 3,373										
29 0,683 0,854 1,055 1,311 1,699 2,045 2,462 2,756 3,660   30 0,683 0,854 1,055 1,310 1,697 2,042 2,457 2,750 3,646   40 0,681 0,851 1,050 1,303 1,684 2,021 2,423 2,704 3,551   60 0,679 0,848 1,045 1,296 1,671 2,000 2,390 2,660 3,460   120 0,677 0,845 1,041 1,289 1,658 1,980 2,358 2,617 3,373										
30 0,683 0,854 1,055 1,310 1,697 2,042 2,457 2,750 3,646   40 0,681 0,851 1,050 1,303 1,684 2,021 2,423 2,704 3,551   60 0,679 0,848 1,045 1,296 1,671 2,000 2,390 2,660 3,460   120 0,677 0,845 1,041 1,289 1,658 1,980 2,358 2,617 3,373										
40 0,681 0,851 1,050 1,303 1,684 2,021 2,423 2,704 3,551   60 0,679 0,848 1,045 1,296 1,671 2,000 2,390 2,660 3,460   120 0,677 0,845 1,041 1,289 1,658 1,980 2,358 2,617 3,373						· ·				
60     0,679     0,848     1,045     1,296     1,671     2,000     2,390     2,660     3,460       120     0,677     0,845     1,041     1,289     1,658     1,980     2,358     2,617     3,373		3,000	3,007	1,000	1,010	1,007	2,042	2,401	2,700	3,040
60     0,679     0,848     1,045     1,296     1,671     2,000     2,390     2,660     3,460       120     0,677     0,845     1,041     1,289     1,658     1,980     2,358     2,617     3,373	40	0,681	0,851	1,050	1,303	1,684	2,021	2,423	2,704	3,551
120     0,677     0,845     1,041     1,289     1,658     1,980     2,358     2,617     3,373										
$1$ $\infty$   0,074   0,842   1,036   1,282   1,645   1,960   2,326   2,576   3,290	∞	0,674	0,842	1,036	1,282	1,645	1,960	2,326	2,576	3,290