

Table 4.15

HYPERBOLIC FUNCTIONS

x	$\sinh x$	$\cosh x$	$\tanh x$	$\coth x$
0.50	0.52109 5305	1.12762 5965	0.46211 716	2.16395 34
0.51	0.53239 7808	1.13289 3387	0.46994 520	2.12790 77
0.52	0.54375 3551	1.13827 4099	0.47770 001	2.09336 40
0.53	0.55516 3669	1.14376 8639	0.48538 109	2.06023 68
0.54	0.56662 9305	1.14937 7557	0.49298 797	2.02844 71
0.55	0.57815 1604	1.15510 1414	0.50052 021	1.99792 13
0.56	0.58973 1718	1.16094 0782	0.50797 743	1.96859 14
0.57	0.60137 0806	1.16689 6245	0.51535 928	1.94039 39
0.58	0.61307 0032	1.17296 8399	0.52266 543	1.91326 98
0.59	0.62483 0565	1.17915 7850	0.52989 561	1.88716 42
0.60	0.63665 3582	1.18546 5218	0.53704 957	1.86202 55
0.61	0.64854 0265	1.19189 1134	0.54412 710	1.83780 59
0.62	0.66049 1802	1.19843 6240	0.55112 803	1.81446 04
0.63	0.67250 9389	1.20510 1190	0.55805 222	1.79194 70
0.64	0.68459 4228	1.21188 6652	0.56489 955	1.77022 62
0.65	0.69674 7526	1.21879 3303	0.57166 997	1.74926 10
0.66	0.70897 0500	1.22582 1834	0.57836 341	1.72901 67
0.67	0.72126 4371	1.23297 2949	0.58497 988	1.70946 05
0.68	0.73363 0370	1.24024 7362	0.59151 940	1.69056 16
0.69	0.74606 9732	1.24764 5801	0.59798 200	1.67229 11
0.70	0.75858 3702	1.25516 9006	0.60436 778	1.65462 16
0.71	0.77117 3531	1.26281 7728	0.61067 683	1.63752 73
0.72	0.78384 0477	1.27059 2733	0.61690 930	1.62098 38
0.73	0.79658 5809	1.27849 4799	0.62306 535	1.60496 81
0.74	0.80941 0799	1.28652 4715	0.62914 516	1.58945 83
0.75	0.82231 6732	1.29468 3285	0.63514 895	1.57443 38
0.76	0.83530 4897	1.30297 1324	0.64107 696	1.55987 51
0.77	0.84837 6593	1.31138 9661	0.64692 945	1.54576 36
0.78	0.86153 3127	1.31993 9138	0.65270 671	1.53208 17
0.79	0.87477 5815	1.32862 0611	0.65840 904	1.51881 27
0.80	0.88810 5982	1.33743 4946	0.66403 677	1.50594 07
0.81	0.90152 4960	1.34638 3026	0.66959 026	1.49345 06
0.82	0.91503 4092	1.35546 5746	0.67506 987	1.48132 81
0.83	0.92863 4727	1.36468 4013	0.68047 601	1.46955 95
0.84	0.94232 8227	1.37403 8750	0.68580 906	1.45813 18
0.85	0.95611 5960	1.38353 0892	0.69106 947	1.44703 25
0.86	0.96999 9306	1.39316 1388	0.69625 767	1.43624 99
0.87	0.98397 9652	1.40293 1201	0.70137 413	1.42577 26
0.88	0.99805 8397	1.41284 1309	0.70641 932	1.41558 98
0.89	1.01223 6949	1.42289 2702	0.71139 373	1.40569 13
0.90	1.02651 6726	1.43308 6385	0.71629 787	1.39606 73
0.91	1.04089 9155	1.44342 3379	0.72113 225	1.38670 82
0.92	1.05538 5674	1.45390 4716	0.72589 742	1.37760 51
0.93	1.06997 7734	1.46453 1444	0.73059 390	1.36874 95
0.94	1.08467 6791	1.47530 4627	0.73522 225	1.36013 29
0.95	1.09948 4318	1.48622 5341	0.73978 305	1.35174 76
0.96	1.11440 1794	1.49729 4680	0.74427 687	1.34358 60
0.97	1.12943 0711	1.50851 3749	0.74870 429	1.33564 08
0.98	1.14457 2572	1.51988 3670	0.75306 591	1.32790 50
0.99	1.15982 8891	1.53140 5582	0.75736 232	1.32037 20
1.00	1.17520 1194 $\left[\begin{smallmatrix} (-5)1 \\ 4 \end{smallmatrix} \right]$	1.54308 0635 $\left[\begin{smallmatrix} (-5)2 \\ 4 \end{smallmatrix} \right]$	0.76159 416 $\left[\begin{smallmatrix} (-6)9 \\ 4 \end{smallmatrix} \right]$	1.31303 53 $\left[\begin{smallmatrix} (-4)2 \\ 5 \end{smallmatrix} \right]$