

Hyperbolic Menu

This tool implements the common hyperbolic functions. To show it, select the “**MATH**” menu from the main menu and select the “**HYP**” tab or touch **[Shift] [HYP]** in the keyboard.



Button	Description
[SINH]	Calculates the hyperbolic-sine .
[ASINH]	Calculates the inverse hyperbolic-sine .
[COSH]	Calculates the hyperbolic-cosine .
[ACOSH]	Calculates the inverse hyperbolic-cosine .
[TANH]	Calculates the hyperbolic-tangent .
[ATANH]	Calculates the inverse hyperbolic-tangent .
[e]	Enters the “euler” number “e” (2.7182...) into the calculator.
[π]	Enters the number “π” (3.1415...) into the calculator.

Examples : (assumes FIX display format with 4 decimals)

Calculation	Keystrokes	Result
Hyp sine of 2.5	2.5 [SINH]	6.0502
Hyp cosine of 1.75	1.75 [COSH]	2.9642
Hyp tangent of 0.65	0.65 [TANH]	0.5717
Arc Hyp sine of -2.5	2.5 [+ / -] [ASINH]	-1.6472
Arc Hyp cosine of 2.67	2.67 [ACOSH]	1.6382
Arc Hip tangent of 0.8	0.8 [ATANH]	1.0986