

Cauch:	Cauchy-Lorentz distribution					
g-shift	ST0 _M x_0	ST0 _s γ				
f-shift						
unshifted	Cauch _p		Cauch _{Δ}	Cauch _{Δ}		Cauch ⁻¹
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Next menu https://47calc.com/doc/C47/Menus/C47_Menu_CENTRL_page_1.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	Cauch:	MENU	Cauchy-Lorentz distribution	Cauchy-Lorentz probability distribution (continuous) ; TI : RegM = x_0 = ; RegS = γ =	Probability (real)		Cauch:	
F1	Cauch _p	Function (monadic)	Cauchy pdf	Cauchy probability density function	Probability (real)		Cauch _p	
F2								
F3	Cauch _Δ	Function (monadic)	Cauchy cdf (lower)	Cauchy cumulative distribution (lower tail)	Probability (real)		Cauch _Δ	
F4	Cauch _Δ	Function (monadic)	Cauchy cdf (upper)	Cauchy cumulative distribution (upper tail)	Probability (real)		Cauch _Δ	
F5								
F6	Cauch ⁻¹	Function (monadic)	Cauchy qf (inverse)	Cauchy inverse cumulative distribution (quantile)	Probability (real)		Cauch ⁻¹	
fF1								
fF2								
fF3								
fF4								
fF5								
fF6								
gF1	STO _M x_0	Command	Store x_0 in M	Store parameter x_0 : location in register M ; Split screen : RegM = x_0 =	Probability (real)			
gF2	STO _S γ	Command	Store γ in S	Store parameter γ : scale in register S ; Split screen : RegS = γ =	Probability (real)			
gF3								
gF4								
gF5								
gF6								