

X.FN	Extended functions MENU - cat : X.FN	Extended functions (Bessel, Bernoulli, Gamma, Elliptical, Orthogonal, etc.)	Category: Mathematics
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Menu	X.FN	1	2	3	4	5	6
3	gShifted	e^{ix}					
2	fShifted	Υ_{xy}	Γ_{xy}	$\zeta(x)$	$(-1)^x$	LINPOL	
1	primary	NEXTP	W_m	W_p	W^{-1}	$Y_y(x)$	$\beta(x,y)$
Page	2	F1	F2	F3	F4	F5	F6

X.FN	Page 2	F-key	Button label	Full name	Extended description	Type	Flag name	Additional information	Catalog	Default	Status
		F1	NEXTP	Next prime	Next prime number	Function			NEXTP		
		F2	W_m	W_m	Lambert's W function (negative branch ; m = minus) [http://en.wikipedia.org/wiki/Lambert_W_function]	Function			W_m		
		F3	W_p	W_p	Lambert's W function (principal branch) [http://mathworld.wolfram.com/LambertW-Function.html]	Function			W_p		
		F4	W^{-1}	W^{-1}	Inverse of W_p (≥ -1)	Function			W^{-1}		
		F5	$Y_y(x)$	$Y_y(x)$	Bessel function of the 2nd kind and order y [http://en.wikipedia.org/wiki/Bessel_function]	Function			$Y_y(x)$		
		F6	$\beta(x,y)$	Euler's Beta function	Euler's Beta function	Function			$\beta(x,y)$		

fShifted F1	Υ_{xy}	Υ_{xy}	Lower incomplete Gamma function [https://en.wikipedia.org/wiki/Incomplete_gamma_function]	Function				Υ_{xy}		
fShifted F2	Γ_{xy}	Γ_{xy}	Upper incomplete Gamma function [https://en.wikipedia.org/wiki/Incomplete_gamma_function]	Function				Γ_{xy}		
fShifted F3	$\zeta(x)$	$\zeta(x)$	Riemann's Zeta for real arguments [http://mathworld.wolfram.com/RiemannZetaFunction.html]	Function				$\zeta(x)$		
fShifted F4	$(-1)^x$	$(-1)^x$	Cosine of πx [+ i + sine of πx for complex parameter]	Function			Info : Esp. for non-integer x	$(-1)^x$		
fShifted F5	LINPOL	Linear interpolation	Linear interpolation	Function			Info : Also works for complex numbers	LINPOL		
fShifted F6		Parallel	Parallel impedance = $(X \times Y) / (X + Y)$	Function						

gShifted F1	e^{ix}	Euler's formula	Rotate complex unit vector by X radians : $e^{ix} = \cos(x) + i \sin(x)$	Function		CPXj	Info : i or j displayed in stack and on soft buttons	e^{ix}		
gShifted F2	<empty>									
gShifted F3	<empty>									
gShifted F4	<empty>									
gShifted F5	<empty>									
gShifted F6	<empty>									