

X.FN	Extended functions MENU - cat : X.FN	Extended functions (Bessel, Bernoulli, Gamma, Elliptical, Orthogonal, etc.)	Category: Mathematics
-------------	--------------------------------------	---	-----------------------

page scrolling indicator : ▲ ▼

Menu	X.FN	1	2	3	4	5	6
3	gShifted	Γ_q	$J_y(x)$	$LN\beta$	$LN\Gamma$	max	min
2	fShifted	erfc	FIB	g_d	g_d^{-1}	I_{xyz}	Γ_p
1	primary	AGM	B_n	B_n^*	erf	Ellipt	Orthog
Page	1	F1	F2	F3	F4	F5	F6

--	--	--	--	--	--	--	--

X.FN	Page 1								
F-key	Button label	Full name	Extended description	Type	Flag name	Additional information	Catalog	Default	Status
F1	AGM	Arithmetic Geometric Mean	Arithmetic geometric mean	Function			AGM		
F2	B_n	B_n	Bernoulli number (new definition)	Function			B_n		
F3	B_n^*	B_n^*	Bernoulli number (old definition)	Function			B_n^*		
F4	erf	Error function	Error function	Function			erf		
F5	Ellipt	Elliptical	Elliptical functions	MENU			ELLIPT		
F6	Orthog	Orthogonal	Orthogonal polynomials	MENU			ORTHO		

fShifted F1	erfc	Complementary error function	Complementary error function	Function			erfc		
fShifted F2	FIB	Fibonacci	Fibonacci number	Function			FIB		
fShifted F3	g_d	g_d	Gudermanian function [http://en.wikipedia.org/wiki/Gudermannian_function]	Function			g_d		
fShifted F4	g_d^{-1}	g_d^{-1}	Inverse Gudermanian function [http://en.wikipedia.org/wiki/Gudermannian_function]	Function			g_d^{-1}		
fShifted F5	I_{xyz}	I_{xyz}	Regularised (incomplete) Beta function [https://en.wikipedia.org/wiki/Beta_function]	Function			I_{xyz}		
fShifted F6	Γ_p	Γ_p	Regularised Gamma function [https://en.wikipedia.org/wiki/Incomplete_gamma_function]	Function			Γ_p		

gShifted F1	Γ_q	Γ_q	Regularised Gamma function [https://en.wikipedia.org/wiki/Incomplete_gamma_function]	Function			Γ_q		
gShifted F2	$J_y(x)$	$J_y(x)$	Bessel function of the 1st kind and order y [http://en.wikipedia.org/wiki/Bessel_function]	Function			$J_y(x)$		
gShifted F3	$LN\beta$	$LN\beta$	Natural logarithm of Euler's Beta function	Function			$LN\beta$		
gShifted F4	$LN\Gamma$	$LN\Gamma$	Natural logarithm of the Gamma function	Function			$LN\Gamma$		
gShifted F5	max	Maximum	Maximum of X and Y	Function			max		
gShifted F6	min	Minimum	Minimum of X and Y	Function			min		