

Special Constants

pi 3.1415926...

Exponential and Power

| | | | |
|----------|---------------------|---------------|---------------------------|
| exp(x) | Exponential = e^x | nthroot(x, n) | n^{th} root of x |
| log(x) | Natural logarithm | realpow(x,y) | power = x^y |
| log10(x) | Log base 10 | sqrt(x) | Square root |

Trigonometric

| | | | |
|---------|--------------------|-------------|---|
| cos(x) | cosine - radians | acos(x) | Inverse cosine - radians |
| sin(x) | sine - radians | asin(x) | Inverse sine - radians |
| tan(x) | tangent - radians | atan(x) | Inverse tangent - radians |
| | | atan2(y, x) | Inverse tangent - radians 4 quadrant angle |
| cosd(x) | cosine - degrees | acosd(x) | Inverse cosine - degrees |
| sind(x) | sine - degrees | asind(x) | Inverse sine - degrees |
| tand(x) | tangent - degrees | atand(x) | Inverse tangent - degrees |
| cosh(x) | hyperbolic cosine | acosh(x) | Inverse hyperbolic cosine |
| sinh(x) | hyperbolic sine | asinh(x) | Inverse hyperbolic sine |
| tanh(x) | hyperbolic tangent | atanh(x) | Inverse hyperbolic tangent |

Rounding and Remainder

| | |
|-----------|--|
| round(x) | round to the nearest integer |
| ceil(x) | round up (toward positive infinity) |
| floor(x) | round down (toward negative infinity) |
| fix(x) | round toward zero |
| mod(x, y) | modulus (remainder) after division of x by y |

Complex

| | |
|----------|--|
| abs(x) | absolute value if x is real, complex magnitude if z is complex |
| angle(z) | phase angle of z in radians |
| real(z) | real part of z |
| imag(z) | imaginary part of z |