

[> **convert (exp (x) , FPS , x) ;**

$$\sum_{k=0}^{\infty} \frac{x^k}{k!}$$

[> **convert (sin (x) , FPS , x) ;**

$$\sum_{k=0}^{\infty} \frac{(-1)^k x^{(2k+1)}}{(2k+1)!}$$

[> **convert (cos (x) , FPS , x) ;**

$$\sum_{k=0}^{\infty} \frac{(-1)^k x^{(2k)}}{(2k)!}$$

[> **convert (1 / (1-x) , FPS , x) ;**

$$\sum_{k=0}^{\infty} x^k$$

[> **convert (-ln(1-x) , FPS , x) ;**

$$\sum_{k=0}^{\infty} \frac{x^{(k+1)}}{k+1}$$

[> **convert (exp (I*x) , FPS , x) ;**

$$\sum_{k=0}^{\infty} \frac{I^k x^k}{k!}$$

[> **convert (cos (x) + I*sin (x) , FPS , x) ;**

$$\sum_{k=0}^{\infty} \frac{I^k x^k}{k!}$$

[> **convert (1 / (x+a) , FPS , x=x0) ;**

$$\sum_{k=0}^{\infty} \frac{\left(-\frac{1}{x0+a}\right)^k (x-x0)^k}{x0+a}$$

[>