

$$e^x = 1 + x + \frac{x^2}{2} + \frac{x^3}{3!} + \frac{x^4}{4!} + \dots$$

$$e^{-x} = 1 - x + \frac{x^2}{2} - \frac{x^3}{3!} + \frac{x^4}{4!} - \dots$$

$$\cosh(x) = 1 + \frac{x^2}{2} + \frac{x^4}{4!} + \dots$$

$$\sinh(x) = x + \frac{x^3}{3!} + \frac{x^5}{5!} + \dots$$

$$e^{ix} = 1 + ix - \frac{x^2}{2} - \frac{i x^3}{3!} + \frac{x^4}{4!} + \dots$$

$$\cos(x) = 1 - \frac{x^2}{2} + \frac{x^4}{4!} - \dots$$

$$\sin(x) = x - \frac{x^3}{3!} + \frac{x^5}{5!} - \dots$$