SM 2023-09-25

Séria de Fourier

$$e^{x} = 1 + x + \frac{x^{2}}{2} + \frac{x^{3}}{3!} + \frac{x^{9}}{4!} + \cdots$$

$$\cos x = 1 - \frac{x^{2}}{2!} + \frac{x^{4}}{4!} + \frac{x^{5}}{5!} + \cdots$$

$$\sin x = x - \frac{x^{3}}{3!} + \frac{x^{4}}{4!} + \cdots$$

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$$\cos x = x + \frac{x^{3}}{5!} + \frac{x^{4}}{5!} + \cdots$$

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