

$$\cot x = \sum_{n \geq 0} \frac{B_{2n}}{(2n)!} x^{2n-1}$$

$$x \mathbf{c} = \boxed{\frac{-x^2/4}{1/2}}$$

$$\frac{x \mathbf{s}}{x} = \boxed{\frac{-x^2/4}{3/2}}$$

$$\frac{x \mathbf{s}}{x} = \boxed{\frac{x^2}{3/2}} = \sum_n^{\mathbb{N}} \frac{\Gamma_{n+1/2}}{n!(2n+1)} x^{2n}$$

$$\frac{x \mathbf{c}}{x} = \boxed{\frac{1/2 \cdot 1}{-x^2/3/2}}$$

$$\frac{1+z \mathbf{c}}{z} = \boxed{\frac{1 \cdot 1}{-z/2}}$$