Taylor Series Exerices

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September 2, 2023

1 Section Two Exercises

#1. $\sin x \approx 0 + x = x$
#2. $e^x = \sum_{i=0}^{\infty}(\frac{1}{i!}) \cdot x^i$
#3. $\sin x = \frac{x}{1!} - \frac{x^3}{3!} + \frac{x^5}{5!} - \frac{x^7}{7!} + \frac{x^9}{9!} + ...$

2 Section Three Exercises