



Intervals of Convergence

Question

If $\sum_{n=1}^{\infty} a_n x^n$ converges at $x = 5$, which of the following is NOT true?

- A. $\sum_{n=1}^{\infty} a_n x^n$ definitely converges at $x = -5$.
- B. $\sum_{n=1}^{\infty} a_n x^n$ definitely converges at $x = -3$.
- C. $\sum_{n=1}^{\infty} a_n x^n$ definitely converges at $x = 0$.
- D. $\sum_{n=1}^{\infty} a_n x^n$ definitely converges at $x = 3$.