
- §11.6: 18, 24, 25
- §11.8: 6, 8, 9, 13, 15, 17, 19, 23, 25, 26

Supplementary problems:

1. Determine whether the following series is absolutely convergent, conditionally convergent, or divergent.

   \[ \sum_{n=1}^{\infty} \frac{(-1)^n(2n)!}{e^{2n} \cdot n! \cdot n^n} \]

2. Find the radius of convergence of the following power series.

   \[ \sum_{n=1}^{\infty} \frac{n^n}{n! x^n} \]