

Section 4-9 : Absolute Convergence

For each of the following series determine if they are absolutely convergent, conditionally convergent or divergent.

1.
$$\sum_{n=2}^{\infty} \frac{(-1)^{n+1}}{n^3 + 1}$$

2.
$$\sum_{n=1}^{\infty} \frac{(-1)^{n-3}}{\sqrt{n}}$$

3.
$$\sum_{n=3}^{\infty} \frac{(-1)^{n+1} (n+1)}{n^3 + 1}$$

