

P Series

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Abstract

Abstract goes here...

1 Declarations

p ; an exponent that determines convergence;

2 Rule

$$\sum_{n=1}^{\infty} \frac{1}{n^p} = \begin{cases} \text{series converges, } p > 1 \\ \text{series diverges, } p \leq 1 \end{cases} \quad (1)$$

3 Pre-Derivation

Anything that the derivation relies on goes here

4 Derivation

Derivation goes here

5 Exempli Gratia

Examples of important instances