



USE OTHER CONVERGENCE TESTS:

- (1) If a_n behaves like a p-series or Geometric series, usually use **Comparison Test** or use **Limit Comparison Test**. Find appropriate b_n to compare.
- (2) If a_n involves factorials, usually use **Ratio Test**, $L = \lim_{n \to \infty} \left| \frac{a_{n+1}}{a_n} \right|$. (3) If a_n involves n^{th} powers throughout, usually use **Root Test**, $L = \lim_{n \to \infty} \sqrt[n]{|a_n|}$.
- (4) Integral Test.