

CONVERGENCE TESTS

Def: 1) A series $\sum_{n=1}^{\infty} a_n$ converges absolutely, if the series of absolute values $\sum_{n=1}^{\infty} |a_n|$ converges.

2) A series $\sum_{n=1}^{\infty} a_n$ CONVERGES CONDITIONALLY, if the series converges, but the series of absolute values $\sum_{n=1}^{\infty} |a_n|$ diverges.

A flow chart for determining if $\sum a_n$ converges absolutely, converges conditionally, or diverges.

