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KEY WORDS : SEQUENCES / CONVERGENT SEQUENCE / TESTS FOR  
CONVERGENCE OF SERIES

ANGKANA SRITACHANUPONG : SERIES OF REAL NUMBERS. AN  
INDEPENDENT STUDY ADVISOR : ASSOC. PROF. WAREE KAROT. 90 pp.

A series of real numbers is a sequence of real numbers defined from a given sequence of real numbers. In this an independent study we first study sequences of real numbers and their properties, especially we study Bolzano-Weierstrass theorem which we apply to prove an important property of sequences.

For the study of series of real numbers we present all tests of convergence. Moreover we study absolute convergence and conditional convergence of series. Finally we study products of series and the study shows the importance of absolute convergence of series.

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An Independent Study Advisor's signature.....