

Lecture 13 - Highlights

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Thm: Every sequence s_n has a monotonic subsequence.

↳ MAJOR THEOREM 5

Thm (Bolzano-Weierstrass): Every bounded sequence has a convergent subsequence.

Thm: Let S denote the set of subsequential limits of s_n . Then $\limsup s_n = \max(S)$ and $\liminf s_n = \min(S)$

Types of Sequences

