Series 30th Oct 23' (CM Week 4)

Sequence $\{a_n\}$ $n = 0, 1, 2 \ldots$

Series $\{S_n\}$ $n = 0, 1, 2 \ldots$

$S_n = a_0 + a_1 + a_2 \ldots$ eg: $S_1 = a_0 + a_1$, $S_2 = a_0 + a_1 + a_2 \ldots$

→ a sum of the elements of another sequence.

Can be indicated w/ Σ (sigma) eg $S_n = \sum_{i=0}^{n} a_i$