

TEOREMA 7. - (OPERAZIONI SUI LIMITI)

2.8

$$\left[\begin{array}{l} \lim a_n = a \in \mathbb{R} \\ \lim b_n = b \in \mathbb{R} \end{array} \right] \Rightarrow \left[\begin{array}{l} \text{i) } \lim(a_n \pm b_n) = a \pm b \\ \text{ii) } \lim(a_n b_n) = a b \\ \text{iii) } \lim \frac{1}{b_n} = \frac{1}{b} \quad \text{se } b \neq 0 \end{array} \right]$$

□

FORME INDETERMINATE

+) $+\infty - \infty$

.) $0 \cdot (\pm \infty)$