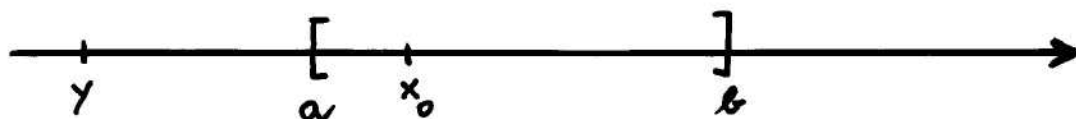


$$A \subseteq \mathbb{R}$$

2.23

$$[x_0 \text{ di Accumulazione per } A] \stackrel{\text{DEF}}{\iff} [\forall I = I(x_0), (I - \{x_0\}) \cap A \neq \emptyset]$$



$$D(A) = A' \quad \text{DERIVATO DI } A$$

$$\left. \begin{array}{l} D([a, b]) \\ D(]a, b]) \\ D([a, b[) \\ D(]a, b[) \end{array} \right\} = [a, b]$$

TEOREMA 11. - $x_0 \in D(A) \iff [\forall I = I(x_0), I \cap A \text{ infinita}]$

DIM.

" \Leftarrow "
OVVIA

" \Rightarrow "

p.a. $I \cap A = \{x_1, x_2, \dots, x_k\}$

POSTO: $m = \min_{i=1, \dots, k} |x_0 - x_i|$, $0 < d < m$, SI HA:

$$A \cap]x_0 - d, x_0 + d[= \{x_0\}$$

□