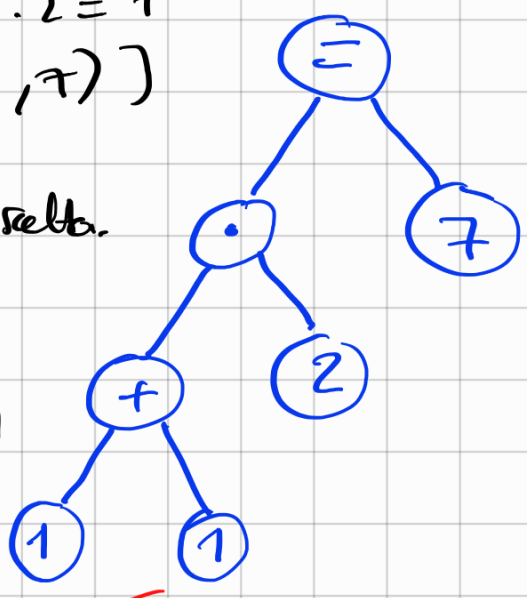
ANALISI MATEMATICA B
LEZIONE 1 – 19.9.2022

SISTEMI FORMALI

- SIMBOLI: $\cdot \; + \; (\; 1 \; \in \; = \; x \; \int$ (caratteri)
- FORMULA: $+(1\,C=$ (stringhe) — infissa
- FORMULA BEN FORMATE: $(1+1)\cdot 2 = 7$

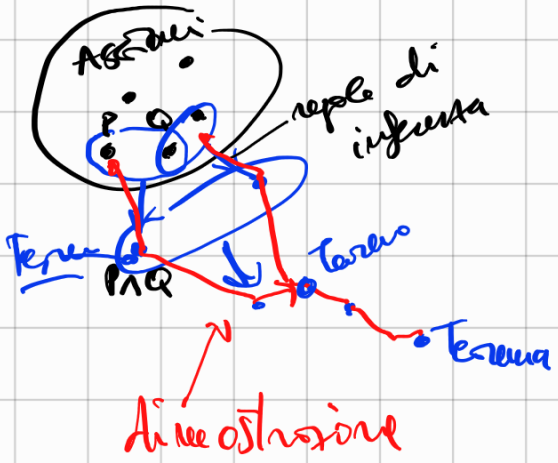
$$[\text{Prefissa} = (\cdot(+(1,1),2),7)]$$



- ASSIOMI: formule "vere" per nostra scelta.
- REGOLE DI INFERENZA:

$$\frac{P \Rightarrow Q \qquad Q \Rightarrow R}{P \Rightarrow R}$$

$(2+2)+3=7$
$2+(2+3)=7$



$$\frac{P \qquad Q}{P \wedge Q}$$

$$\frac{P \qquad P \Rightarrow Q}{Q}$$