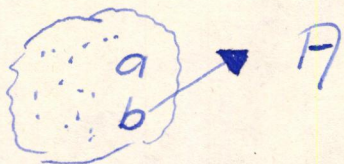


Anotações da aula do Prof Waldecyr C. de
Araújo Pereira

Equivalência

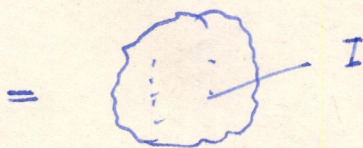
I. E., 26-10-64.



$a, b, c \in A$

\sim Relação

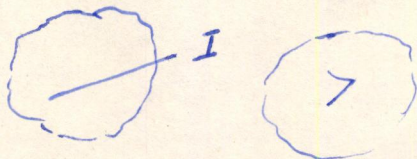
1. $a \sim a$ (Reflexiva)
2. $a \sim b \Rightarrow b \sim a$ (Recíproca)
3. $a \sim b \Rightarrow b \sim c \Rightarrow a \sim c$ (Transitiva)



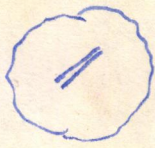
1. $a = a$
2. $a = b \Rightarrow b = a$
3. $a = b \Rightarrow b = c \Rightarrow a = c$



1. $a \perp a \vee$
2. $a \perp b \Rightarrow b \perp a$
3. $a \perp b \Rightarrow b \perp c \Rightarrow a \perp c$



1. ~~$a > a$~~
2. $a > b \Rightarrow b > a$
3. $a > b \Rightarrow b > c \Rightarrow \cancel{a > c}$



1. $a \parallel a$

2. $a \parallel b \Rightarrow b \parallel a$

3. $a \parallel b \Rightarrow b \parallel c \Rightarrow a \parallel c$

\equiv

1. $a \equiv a$

2. $a \equiv b \Rightarrow b \equiv a$

3. $a \equiv b \Rightarrow b \equiv c \Rightarrow a \equiv c$