

Anotações da aula do Prof. Waldecir C de  
Fraújo Pereira

Equivalência

I. E. 26-10-64



$a, b, c \in A$

$\sim$  Relação

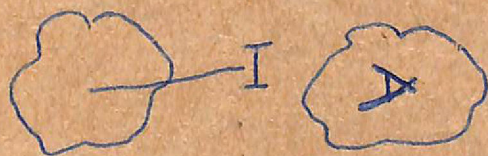
1.  $a \sim a$  (Reflexiva)
2.  $a \sim b \Rightarrow b \sim a$  (Recíproca)
3.  $a \sim b \quad b \sim c \Rightarrow a \sim c$  (Transitiva)



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



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



1.  ~~$a > a$~~
2.  $a > b \Rightarrow b > a$
3.  $a > b \quad b > c \Rightarrow a > c$



||

1.  $a \parallel a$

2.  $a \parallel b \implies b \parallel a$

3.  $a \parallel b \quad b \parallel c \implies a \parallel c$

≡

1.  $a \equiv a$

2.  $a \equiv b \implies b \equiv a$

3.  $a \equiv b \quad b \equiv c \implies a \equiv c$