## Seminar 7

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A "N" o rel de estivo pe A: "N" e reflexivo imetrico tranzitiva
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S.C.R. at A in report on  $\beta$   $\begin{cases}
S \subseteq A \text{ some one } \boxed{0} \quad \forall \; \chi \in A \quad \exists \; \chi \in S \quad \text{a.i.} \; \; \chi \not \in S \\
(\hat{\chi} = \hat{\chi})
\end{cases}$ 

Exemiti

**~** 1

Pelatia p def pe 172<sup>t</sup>: x p y => x y > 0

ste rel. de edice

Aflati em S.C.R. pe p

## Sol:

- 2) Fix x, y E il a.i. x p y => x·y >0 => y·x >0 => y·x >0 => y·x >0

Vrem clasele:

luste solition
$$-\hat{\Sigma}, \quad \vec{\Sigma} = \{x \in \mathbb{R}^+ \mid \vec{\Sigma} \neq x\} = \{x \in \mathbb{R}^+ \mid \vec{\Sigma} \cdot x > 0\} = \mathbb{R}_+^+$$

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Anatati va "~" e rel. de estir - zi det un S.C.R.
[1]:

1) 
$$\forall x \in \mathbb{R}$$
  $\Rightarrow$   $[x] \in x \cdot [x] + 1 \Rightarrow [x] = [[x]] \xrightarrow{e}$ 

$$ey \qquad \qquad \times \sim [x]$$

Din (1) m (1) 2/ e 5.c.R.

m 3

pe  $\mathbb{R}$   $\times v \cdot y \stackrel{\text{def}}{=} \times^2 - 3 \times = y^2 - 3y$ Anototi on "~" e rel. de edier  $\gamma_i$  det un S.C.R.

E line definité fundre  $f: \mathbb{R} \to \mathbb{R}$