

Provar que

$$b^+ | \underline{(b^+ | \epsilon)} b \Rightarrow b^+$$

$$b^+ | (b^+ b | \epsilon b) \quad (\text{por 6})$$

$$b^+ | (b^+ | b) \quad (\text{por 1})$$

$$(b^+ | b^+) \text{ ~~... b~~ | b \quad (\text{por 4})$$

$$b^+ | \text{ ~~... b~~ \cdot b \quad (\text{por 9})$$

$$\text{ ~~... b~~^* b b^* | b \quad (\text{por 7})$$

$$b (b^* | \epsilon) \quad (\text{por 2})$$

$$b b^* \quad (\text{por 9})$$

$$b^+$$

$$a^*(b | cd)b^* \Rightarrow a^+ b^+ | a^* cd | a^* cdb^+$$

$$(a^+ b^+ | a^* cd) \cdot b^*$$

$$a^+ b b^* | a^* cdb^*$$

$$a^+ b^+ | a^* cd (\epsilon | b^+)$$

$$a^+ b^+ | a^* cd | a^* cdb^+$$

$$\text{Sinal} = ('+' | '-' | '\epsilon')$$

$$\text{Iss} = [0 - 9]$$

$$\text{real} = (\text{Sinal? Iss} | \text{Sinal? Iss? ('.' | Iss)}) ('E' \text{Sinal? Iss})?$$

Conversão Exp Reg  $\rightarrow$  AFND

