$* L = \{ a^n b^n c^n \mid n \neq 0 \}$ priable-contis L a a a b b b e e e 1 Configuration of a TM: QX T*x N

Liston of the current state tape head in the tape Initial configuration: (S, Hw, 0) after INI, There are only U symbols. * A TM M accepts a strong 265 if (S, +2,0) *> (t, y, n)

contents

q the tape * A TM M rejects a string 262 if $(s, +a, 0) \xrightarrow{*} (r, y, n)$ - A language L is accepted by a TM M

if L = {x \in \tilde{z}* | M accepts x} A language L is rearsively enumerable (r.e) if 3 TM M S.+ L=LCM)



