EXB ((Ela)*b*)* ((a*b*)*

The set of all strings consisting 0 or more als or b's

(alb)*a(alb)(alb) => the Set of all strings ending up

with aaa, aab, aba, abb and only

consisting of a and b

3 a*ba*ba*ba* => the set of all strings consisting of 3b and any number of a at any location

EX4 positive -> 11213141516171819

number -> positive | 0

86-755 - positive number -- number

Ye pete for 7 times

(3) a(a|b)*b

 $N \rightarrow b|c|d|f|g|h|j|k|l|m|n|p|g|$ rIsItIVIWIXIYIZ $(0|N)^{*}(e|N)^{*}(\partial N)^{*}(\partial N)^{*}(u|N)^{*}$ Optional 要证明两个语言相等需要证明该语言 L1=L((0*b*)*) 中事的集合相等 L2=L((a1b)*) ①证明L2CL1 : a/b = 0*b* : (a1b)* = (a*b*)* ·/ / c /2 ②证明LI CLz 0*b* = (01b)* (a(b)*=(a1b)** ~ (a16)** = (a(6)* : a*b* ⊆ (a/b)*

 $(a^*b^*)^* \subseteq (a[b]^{**} = (a[b]^*)^*$ $(\alpha^*b^*)^* \subseteq (\alpha | b)^*$ i. L. CL

 $\therefore L_1 = L_2$