

From Kozen

$$= \left(\left(\varepsilon + 0 + 00 \right) \right)^{*} \left(\varepsilon + 0 + 00 \right)$$

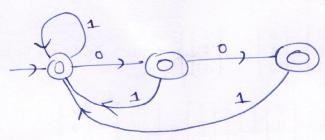
$$= ((\epsilon + 0)(\epsilon + 0)i)^* (\epsilon + 0)(\epsilon + 0)$$

how ??

net of all strings & £0,13* w/o strings having having new than 2 adjacent zeros.

€= { € }

車= 至了



Algebraic laws for Regex

't'- amouative it' commutative, idempotent w.r.t 't',

$$\alpha(\beta+\gamma) = \alpha\beta + \alpha\gamma$$

Etal =
$$\alpha x^*$$

Etal = αx^*

Etal = αx^*

Btal $x^* \le y^*$

Btal $y^* \ge y^*$

Btal $y^* \le y^*$