

$$((a+b)a^*)^*$$

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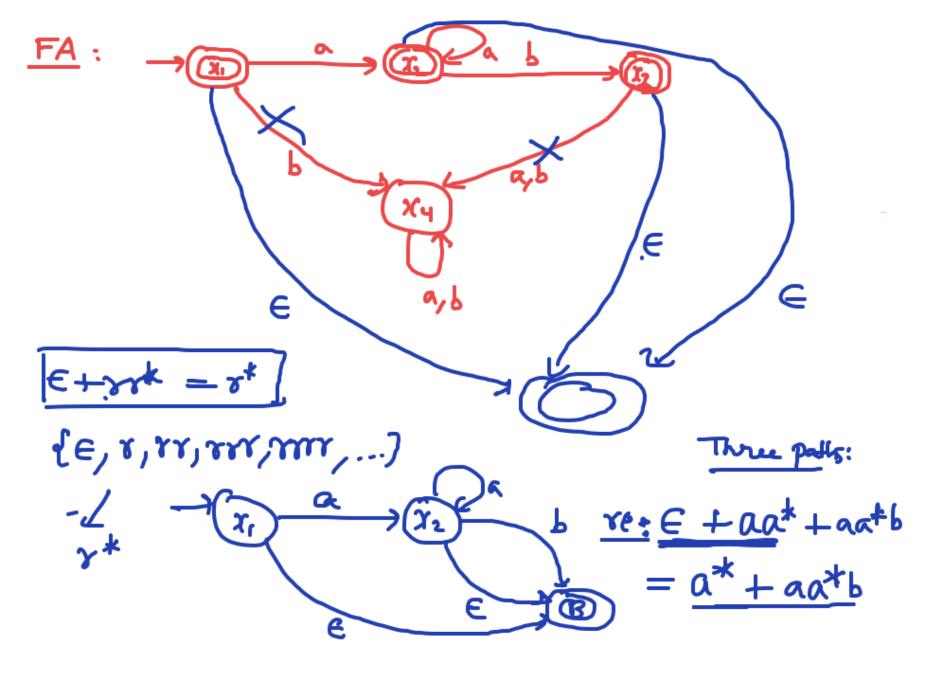
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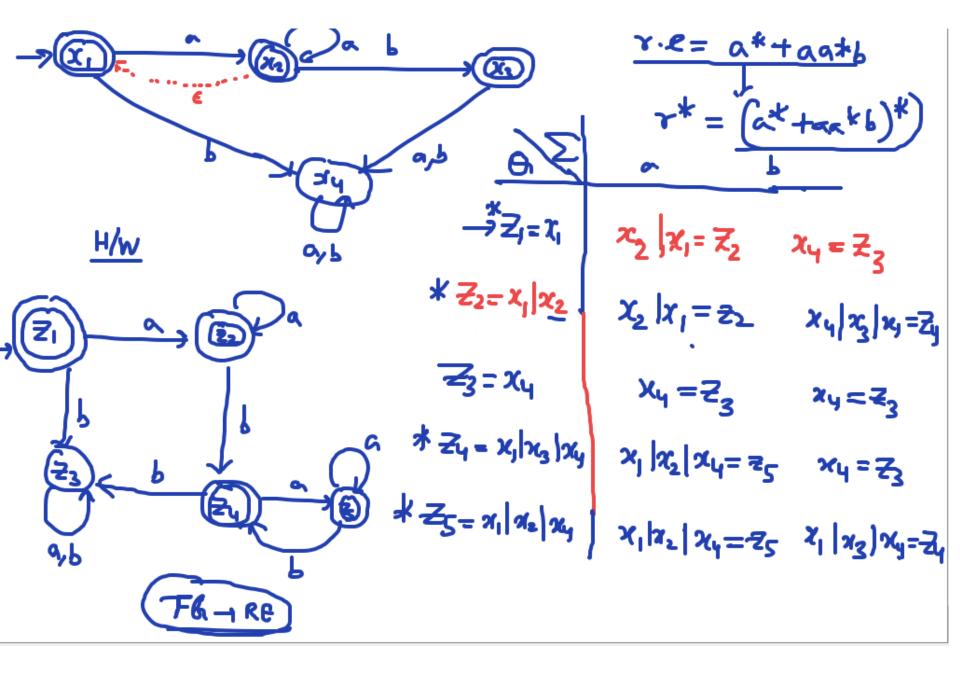


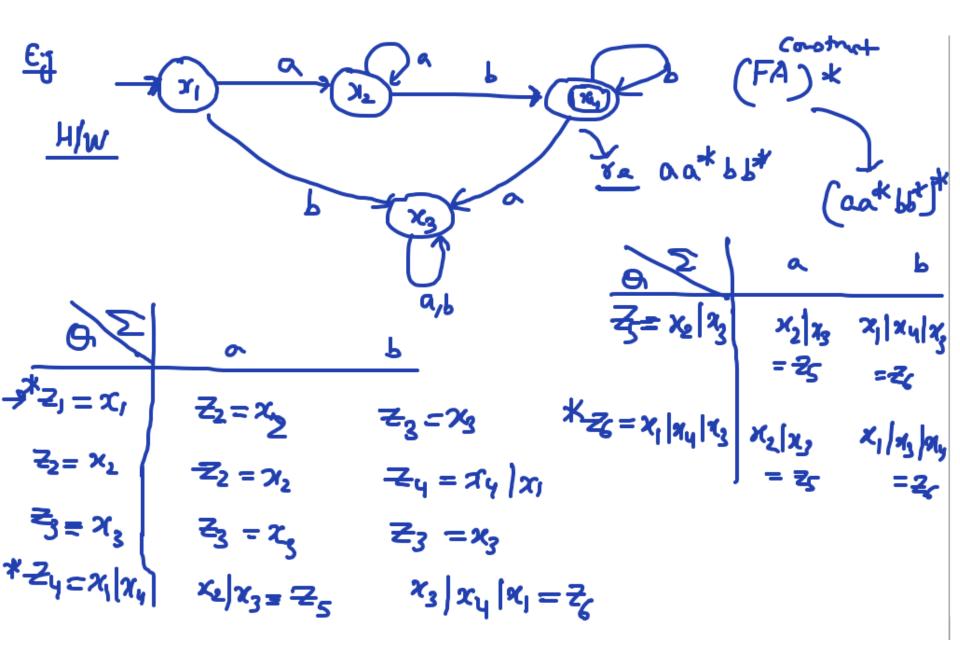
 $(FA)^*$   $\longrightarrow$   $(a^* + a a * b)^*$ If r is a rie and FA is finite automate that accepts the language defined by 8. Then, I am FA called

(FA)\* that accepts the language defined by 8\* FA regular expression regular set/regular jarguy

Ragular languages are closed under Union Complement of En Jest Pritorection, Concentration, Kleene's Star Fait

FAINFAR FAI.FAL





 $FA_1 \cdot FA_1$ ¿a, a a, a ba, baa Initial State redall Incomplete Problem ~

## Real Algorithm (Initial state reenterble) find powr of 227 {1}, {x,}, {x,}, {x,,x,}} Cancel all the subsets that contain the final state but doesn't contain the initial state $\left\{\left\{\right\},\left\{x_{i}\right\},\left\{x_{i},x_{i}\right\}\right\}$

$$x_1 = \frac{2}{2}$$

