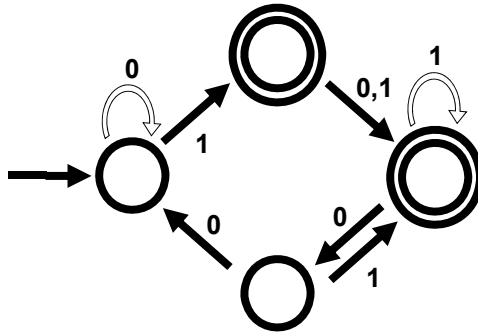


## RLs ARE CLOSED UNDER STAR

Star:  $A^* = \{ s_1 \dots s_k \mid k \geq 0 \text{ and each } s_i \in A \}$

Let  $M$  be a DFA, and let  $L = L(M)$

Can construct an NFA  $N$  that recognizes  $L^*$



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