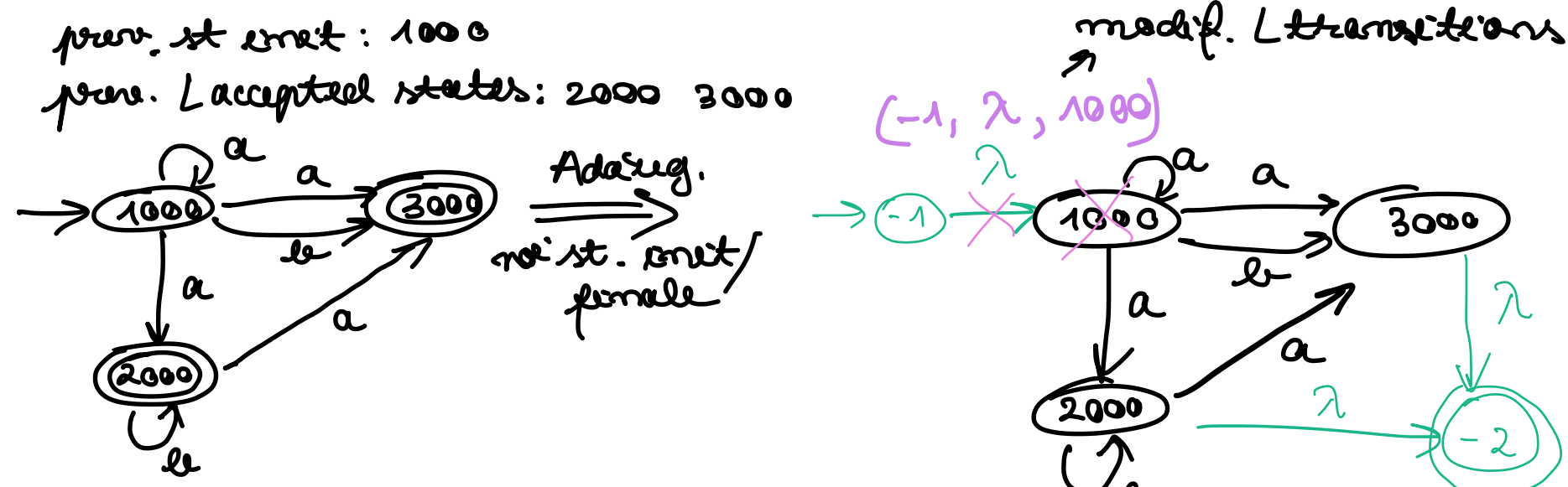
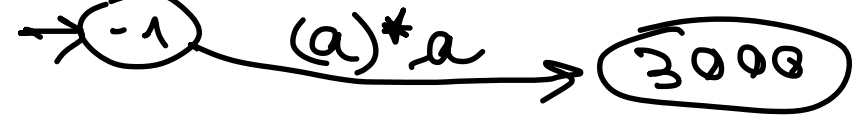


Ex. din seminar (preluat altfel)

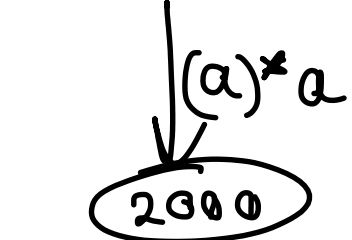
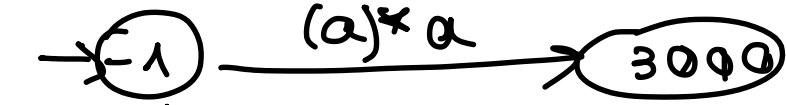
prev. st. iniț.: 1000
prev. L. accepted states: 2000 3000



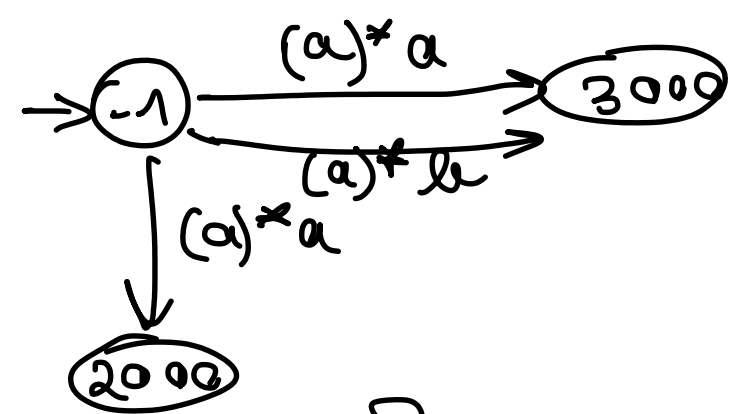
⇒ Adăug. noi expresii calculate
intrare (-1, 3000)



intrare (-1, 2000)

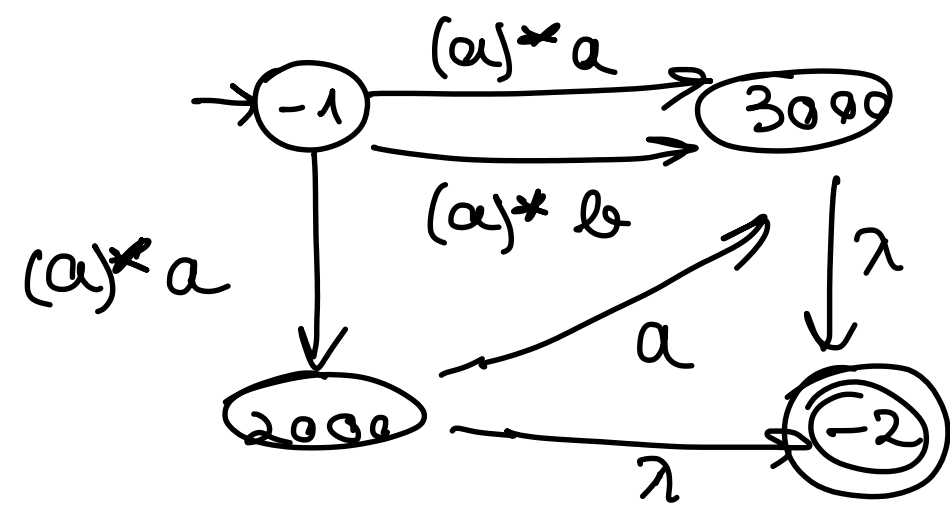


intrare (-1, 3000) ← încă o apăsare din cauză că
ies două tranziții cu simboluri
diferite



→ Cum arată dict. transitions după ce se adaugă noile tranziții:
 $\{ \dots, -1 : \{ (a)^*a : [3000, 2000], (a)^*b : [3000] \}$

Revenind la întregul automat:



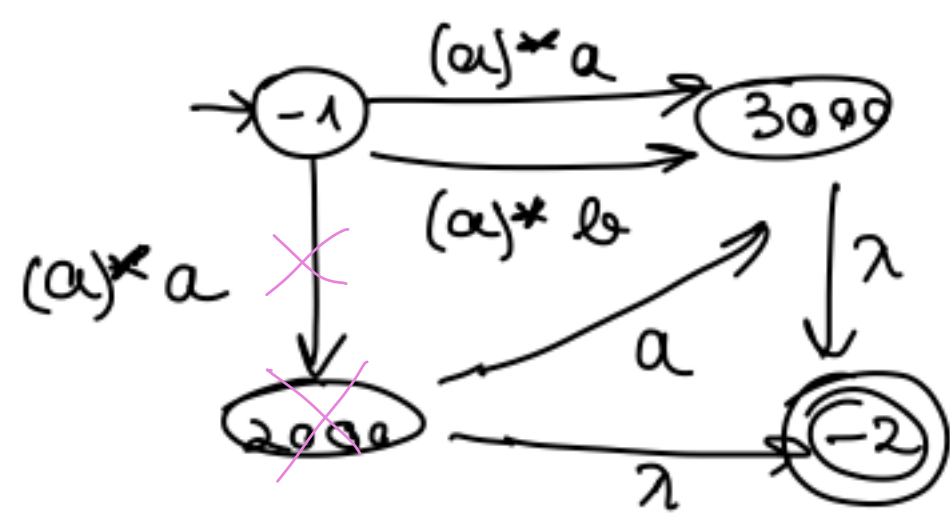
Similar pt rastul stărilor:

⇒ Eliminarea 2000:

$L_{prev} : [(-1, (a)^*a)]$

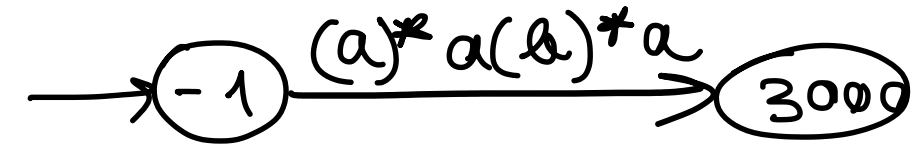
$L_{self} : [b]$

$L_{next} : [(3000, a), (-2, \lambda)]$

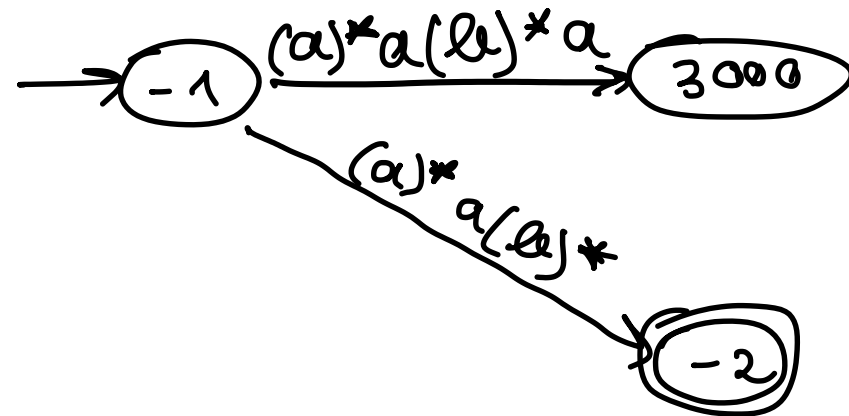


⇒ Adăug noi expresii calculate

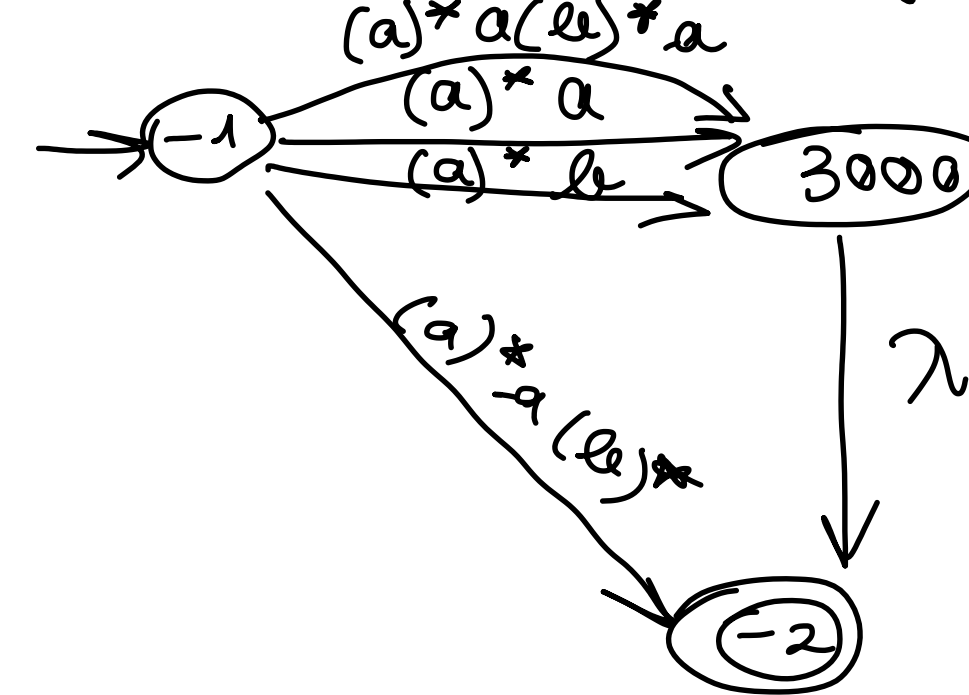
intrare (-1, 3000):



intrare (-1, -2):



⇒ Revenind la întregul automat

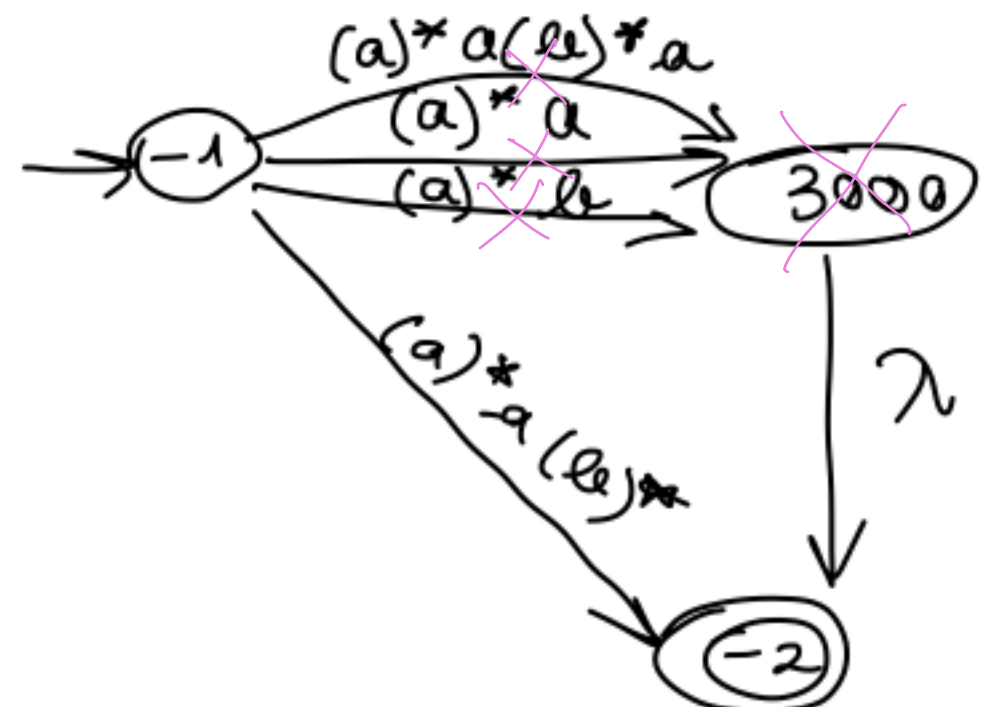


⇒ Eliminarea 3000:

$L_{prev} : [(-1, (a)^*a), (-1, (a)^*b), (-1, (a)^*a(b)^*a)]$

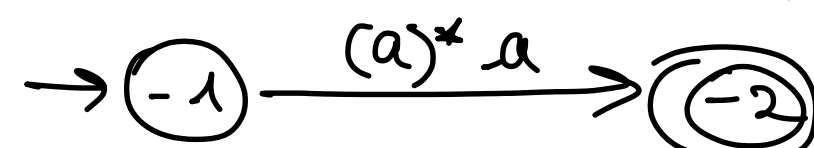
$L_{self} : []$

$L_{next} : [(-2, \lambda)]$

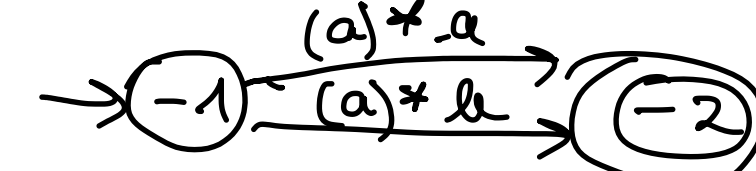


⇒ Adăug noi expresii calculate

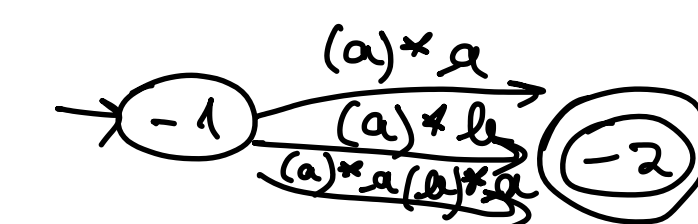
intrare (-1, -2):



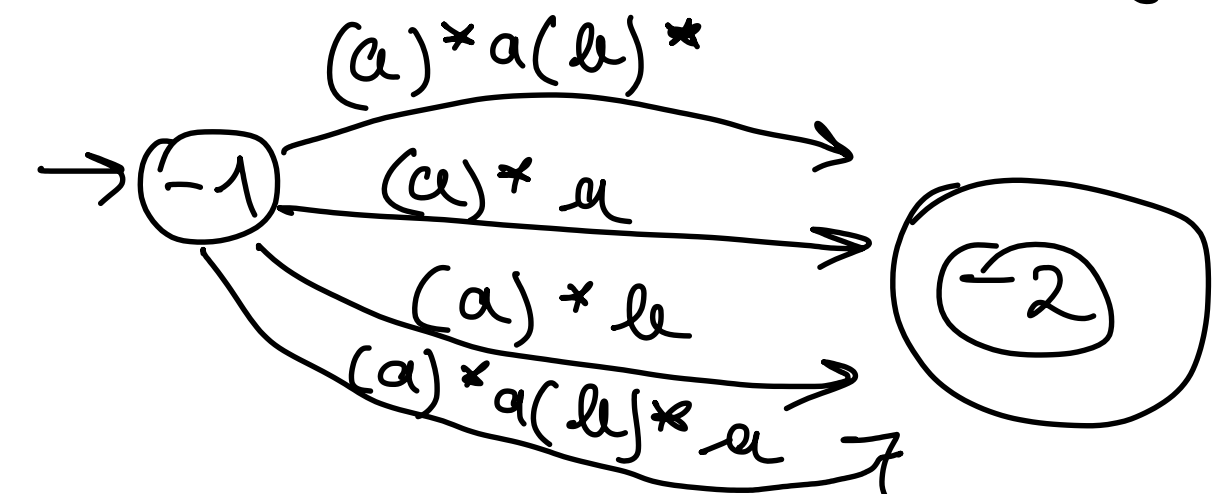
intrare (-1, -2):



intrare (-1, -2):



⇒ Revenind la întregul automat



Pușca-ul va fi reunirea
tuturor exp. de pe muchii

regex = $(a)^*a(b)^* \mid (a)^*a \mid (a)^*b \mid (a)^*a(b)^*a$