

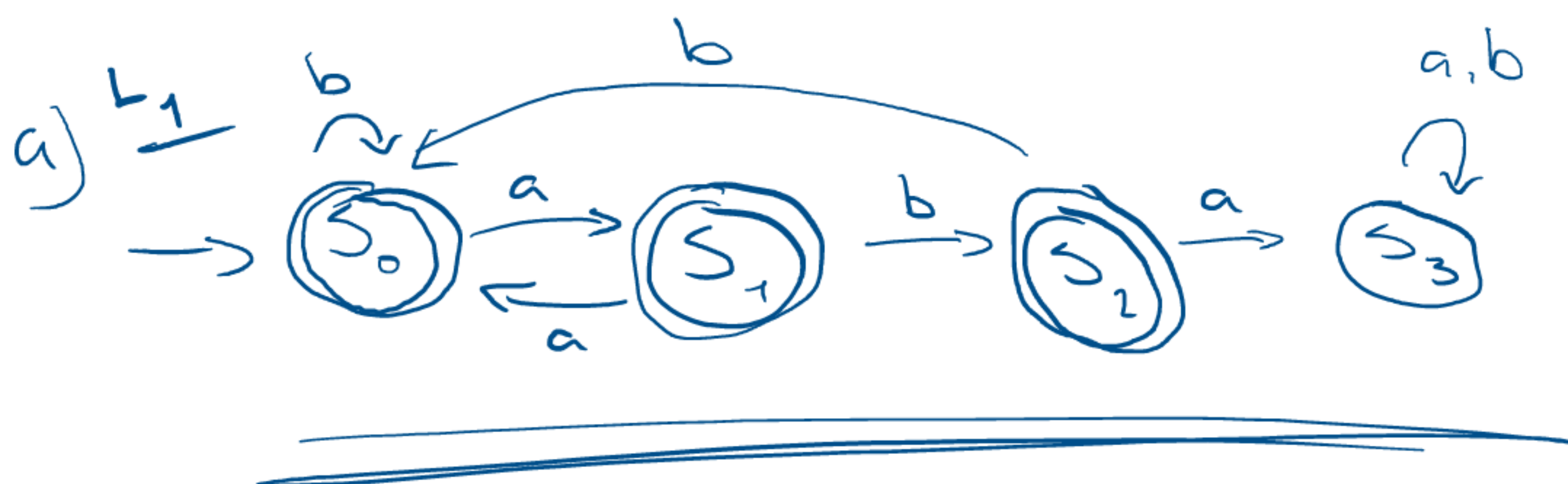
Heimaverkefni 1.1

27 August 2022

19:28

Hjörvar Sigurdsson

1.



b) Mátis sem strengur w mæi ekkir vera í:
($a^m b^n \mid m \geq 0, n \geq 0$)

$$a^0 b^0 = \varepsilon \varepsilon$$

$$a^0 b^1 = \varepsilon b$$

$$a^0 b^2 = \varepsilon bb$$

$$a^0 b^3 = \varepsilon bbb \dots$$

$$a^1 b^0 = a \varepsilon$$

$$a^2 b^0 = aa \varepsilon$$

$$a^3 b^0 = aaa \dots \varepsilon$$

$$a^1 b^1 = ab$$

$$a^1 b^2 = abb \dots$$

$$a^2 b^1 = aa \dots b$$

$$a^m b^n = aa \dots bb \dots$$

