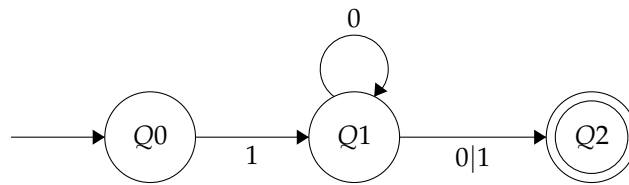# Heimadæmi 3 - Formleg mál og reiknanleiki

Magnús Daníel Einarsson
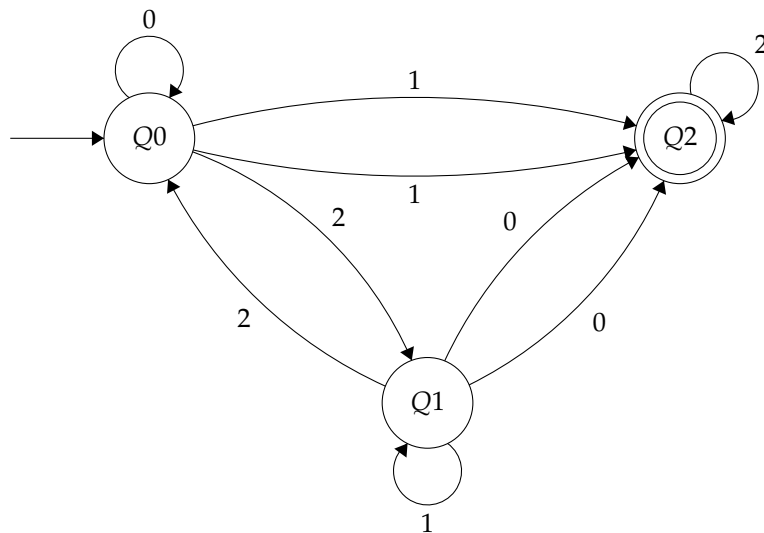
September 2023

1.

2.

$a^*([a-t]|b[a-t]|c[a-t])$

3.

subsection 0 = a, d, g, j, m, p, s

subsection 1 = b, e, h, k, n, q, t

subsection 2 = c, f, i, l, o, r

$(0^*(1((1^2)^*)2^*)|0^*(2((2^2)^*)1^*0(0^2)^*2*))$

$(((((1^2)^*0^*)2)(2^2)^*1^*(0(0^2)^*)2^*)^*|(1(1^2)^*0^*1(1^2)^*)^*|(1(1^2)^*0(21^*2)^*1)|(1^2)^*|(0^2)^*)^*$