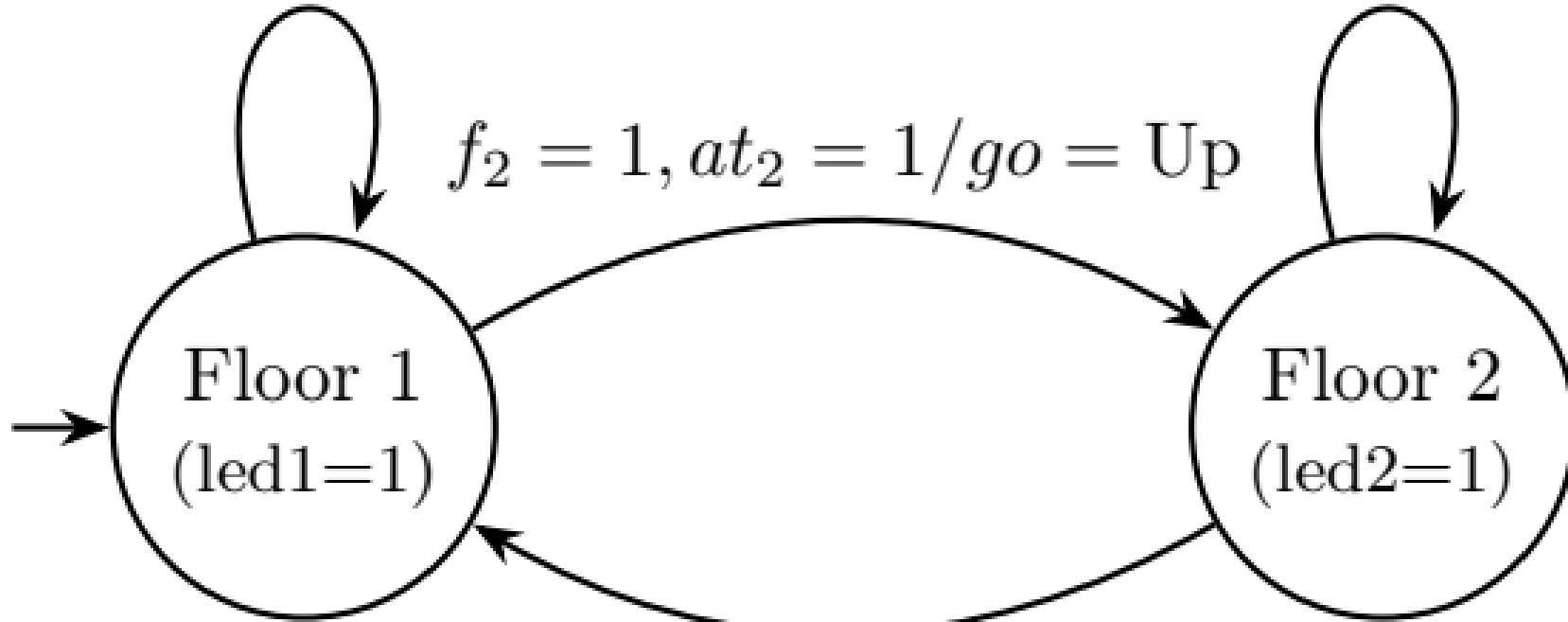


$f_2 = 0/go = \text{Stop}$ $f_1 = 0/go = \text{Stop}$ $f_2 = 1, at_2 = 0/go = \text{Up}$ $f_1 = 1, at_1 = 0/go = \text{Down}$  $f_1 = 1, at_1 = 1/go = \text{Down}$