## LAB1 -> PART1: FLOAT PARSER

REGEX:[+-]?[0-9]\*\.?[0,9]+([eE][+-]?[0-9]+)?

NFA:

$$\frac{\xi}{|\mathcal{E}|} = \frac{\xi}{|\mathcal{E}|} = \frac{\xi}$$

Transition Table [eE] STATES  $\lceil + + \rceil$ [e-0] £2,3,4,5,6,7,8,93 D{5,63 £1,2,4,5,63 A {0,1,2,4,5,63 23 £2, 3, 4, 5, 6, 7, 8,98 D<sub>{</sub> 5, 63 {} £1,2,45,63 23 E {10,11,123 C {2,3,45,6,7,8,9} {6,7,8,9} H \$12,13.92 D85,63 C{2,3,4,5,6,7,8,9} 23 E5,63 £3 *5*3 G 11, 123 {10,11,12} 212,13,93 23 E 25 {10,11,12} £3 {3 ? £6,7,8,93 FE 6,7,8,93 4 212,13,93 २३ [71], 123 H {(2,13,9} 23 33 \$12,13,93 DFA: Accept States are highlighted.