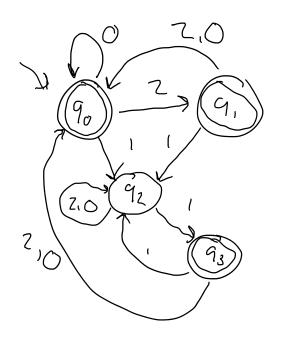
Assignment 1 q1

Tuesday, May 19, 2020 11:35 AM

Sternary representation of N (base 3)

M $9_0 = 9_0$ $\Sigma = \{0, 1, 2\}$ $F = \{9_0, 9_1, 9_2\}$



 $G = \{ 90, 91, 92, 93 \}$ 5 = } $(9_{\circ},6) \longrightarrow 9_{\circ}$ $(90,1) \longrightarrow p 92$ $(90,7) \longrightarrow 9$ (9,0) --- DG 6 $(q_1, 1) \longrightarrow q_2$ (91,2)-1040 (92,0) - > 92(92,1) - p 93 (92,2) - 1 92 (93,0)->90 $(Q_2, I) \longrightarrow Q_2$

$$(93, 2) - 090$$