

	s_0	s_1	s_2	s_3
x_1	s_1/z_2	s_1/z_2	s_1/z_2	s_1/z_2
x_2	s_3/z_1	s_0/z_0	s_3/z_1	s_2/z_1

$s_0/z_0 \rightarrow s_{00}$

$s_1/z_2 \rightarrow s_{12}$

$s_2/z_1 \rightarrow s_{21}$

$s_3/z_1 \rightarrow s_{31}$

Moore Automaton:

	s_{00}	s_{12}	s_{21}	s_{31}
x_1	s_{12}	s_{12}	s_{12}	s_{12}
x_2	s_{31}	s_{00}	s_{31}	s_{21}

