

grate diagram for the FSM

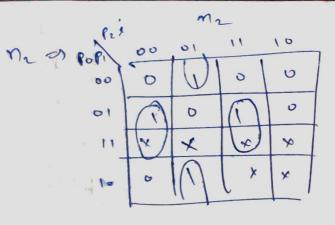
(b)	PS (POPIB)	super ()	Nononing Output		
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$$P_{1} = P_{1}^{2} P_{2} \dot{r} + P_{2} P_{2}^{2} \dot{r}$$

$$M_{2} = P_{2} P_{2}^{2} \dot{r} + P_{1}^{2} P_{2}^{2} \dot{r} + P_{1} P_{2}^{2} \dot{r}$$