The diagram shows a sequence of states labeled as $P_0, P_1, P_2$ and $M-1, M, M+1$. The transitions are indicated by directed arrows, suggesting a cyclic process.

The states are connected as follows:
- From $P_0$, there is a transition to $M-1$.
- From $M-1$, there is a transition to $M$.
- From $M$, there is a transition to $M+1$.
- From $M+1$, there is a transition to $P_0$.
- From $P_1$, there is a transition to $M-1$.
- From $M$, there is a transition to $P_1$.
- From $M+1$, there is a transition to $P_1$.
- From $P_2$, there is a transition to $M-1$.
- From $M-1$, there is a transition to $P_2$.
- From $M$, there is a transition to $P_2$.
- From $M+1$, there is a transition to $P_2$.
- From $P_0$, there is a transition to $P_2$.
- From $P_1$, there is a transition to $P_2$.
- From $P_2$, there is a transition to $P_0$.

The cycle is indicated by the arrows connecting the states in a loop.