DATE: . . .

$$X_t =$$
 0 if 정상 1 if 고장

$$P_{00} = \left\{ X_{t+1} = 0 \mid X_{t} = 0 \right\} = 0.9$$

$$P_{01} = \left\{ X_{t+1} = 1 \mid X_{t} = 0 \right\} = 0.1$$

$$P_{10} = \left\{ X_{t+1} = 0 \mid X_{t} = 0 \right\} = 1$$

$$P_{11} = \left\{ X_{t+1} = 1 \mid X_{t} = 1 \right\} = 0$$

$$M_{10} = 1 + P_{11} \cdot M_{10} = 1 + 0 \cdot M_{10} \cdot \cdots 3$$

.. 10일.