



$$t_i \in \{0, 3, 6, \dots\}, i = 0, 1, 2, \dots$$

$$yd(t_i) = y(t_i)$$

$$E \cdot xd(t_i) = A \cdot xd(t_{i-1}) + B \cdot yd(t_i)$$

$$ud(t_i) = C \cdot xd(t_{i-1}) + D \cdot yd(t_i)$$

$$u(t) = ud(t_i), \quad t_i \leq t < t_{i+1}$$