$$\sigma_{t} \in O \longrightarrow \sigma_{t} = \{\alpha_{t1}, ..., \alpha_{tk}\}, \alpha_{ti} \in A$$

$$\tau_{t} = \{\tau_{t1}, ..., \tau_{tk}\}, \tau_{ti} \in T \longrightarrow \iota_{t} \in I$$

$$\iota_{t-1} \in I \longrightarrow \iota_{t} \in I$$