

Function: Rotation-phase()

1. Set *current_state* = START_STATE
2. **while** (*current_state* != FINAL_STATE)
 3. Set action *a* to observed human action
 4. Sample robot action from $T(\textit{current_state}, a, \textit{next_state})$
 5. Record *current_state*, *a*
 6. *current_state* = *next_state*
7. **end while**