Meeting

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Progress report

- Studying Q-larning algromn.

$$\max_{\theta} Q(x(t), u(t))$$

Iteration equation:

$$Q^{(n+1)}(x_t, u_t) = Q^{(n)}(x_t, u_t) + \alpha(r_t + \gamma \max_{u} Q^{(n)}(x_{t+1}, u))$$

Progress report

Figure 1: Q-table
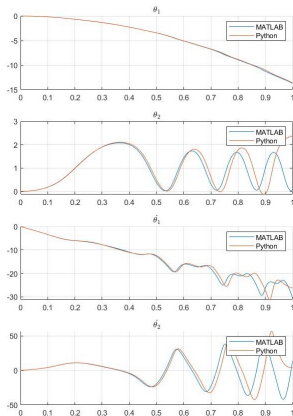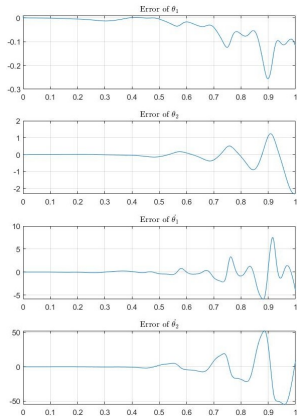

Figure 2: Flow chart of Q-learning

Progress report

- Checking the environment.

Figure 3: State

Figure 4: Error