

A Study for State-action Pair Predictions

杉本 大志 (Masashi SUGIMOTO)

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- The methods that using the state predicted combined with the ordinary optimal control method was proposed.
- The weight coefficients for the future actions that had obtained the prediction values were designed dynamically.
- According to experimental results, the compensation results using the proposed method were kept stable state using less energy than an ordinary conventional method.

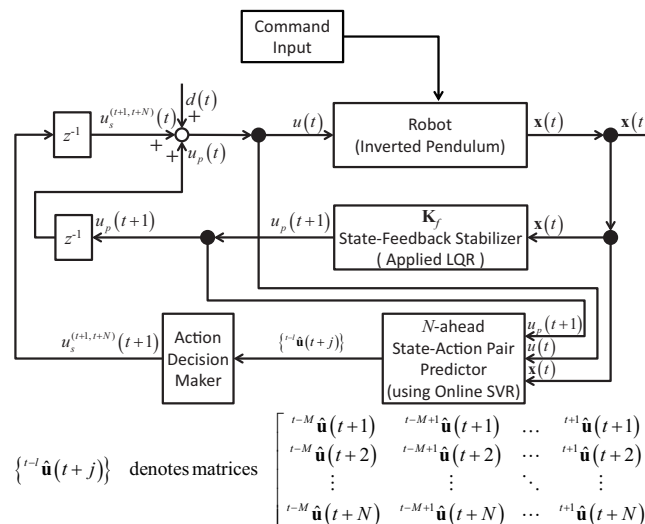


図 1 Outline for Deciding the Optimal Action for the Prediction of State-Action Pair