

A Study on the State-Action Pair Prediction for Robot

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- We proposed present the methods that using the state predicted combined with the ordinary optimal control method.
- We designed the weight coefficients for the future actions that obtained the prediction.
- According to experimental results, we confirmed that compensation results using the proposed method are converging to near zero (is a desirable state), with time.

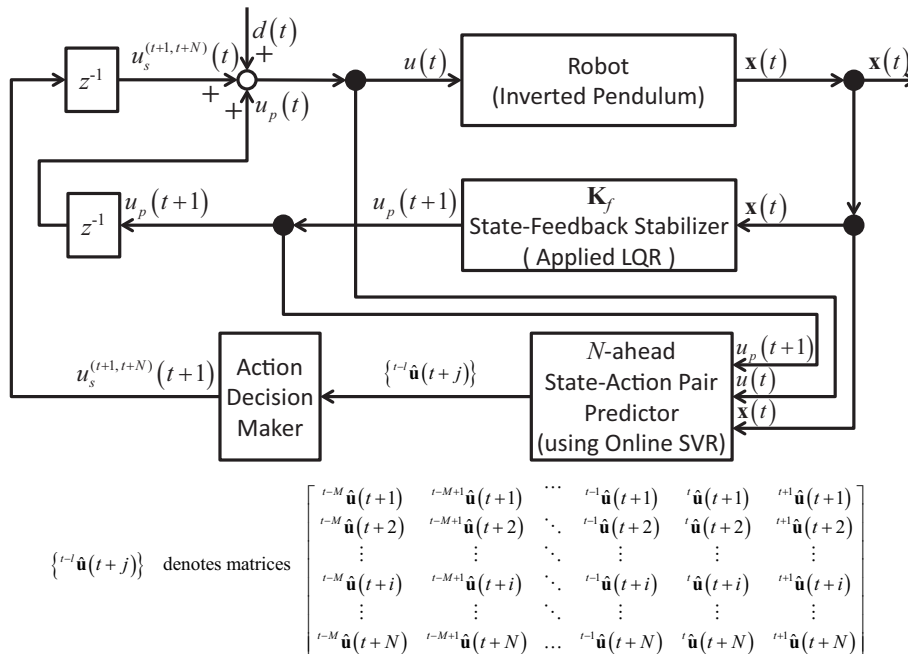


図 1 A Outline of the Deciding the Optimal Action using the Prediction of State-action Pair