论文与报告

Estimation of Attractive Regions of Nonlinear MPC Controller-A Feasible Solution based Method

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Abstract A new model predictive control (MPC) algorithm for nonlinear systems is presented, its stabilizing property is proved, and its attractive regions are estimated. The presented method is based on the feasible solution, which makes the attractive regions much larger than those of the normal MPC controller that is based on the optimal solution.

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