I SSN 2007, Vol. 36, No. 2: 192-198 [PDF全文] [HTML全文] 论文与报告 发表评论 查看评论 Estimation of Attractive Regions of Nonlinear MPC Controller-A Feasible Solution based Method WANG Zi yang WU Gang CHEN Wei () 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. nonlinear model predictive control (NMPC); attractive region; Keywords feasibility 收稿日期 修回日期 通讯作者 DOI PACS: TP27

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