

عنوان مقاله:

∞ Predictive Controlled GSP Performance Improvement with an Integrated 2/

محل انتشار:

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خلاصه مقاله:

An integrated robust optimal control is presented to enhance the closed loop performance in the presence of disturbance and uncertainties, to ensure smooth tracking and elimination of high frequency disturbances especially in accurate systems with minimum power consumption. Simulation result of the proposed controller based on the combination of 2 and ∞ controllers is used to show the effectiveness of the proposed methodology. A 3 axis gyro-stabilized MIMO platform is considered and the results of the NLPID and a single ∞ controller are compared with the proposed $\infty/2$ controller.

کلمات کلیدی:

Axis GSP, Predictive Control, 2/ ∞ Control 3

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