Abstract

This paper represents the design of a Quantitative Feedback Theory (QFT) based controller for an unstable system with some desired performance specifications [1]. Here a controller and prefilter has been designed so that the given performance specifications like robust stability and robust tracking criterions can be achieved. In order to implement that, different algorithms have been used and their relative advantages are studied and representative performance results are
also given.

Referenes

- Juan José Martín-Romero and Arturo Martín-Romero, "QFT Templates for Plants with a High Number of Uncertain Parameters," in IEEE Trans. on Automatic Control, vol. 52, no. 4, April 2007, pp. 754-758.

Index Terms

Computer Science

Control System
Keywords
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