عنوان مقاله:

A QFT Approach to Control of Active Suspension Systems

محل انتشار:

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خلاصه مقاله:

In this paper, Quantitative Feedback Theory (QFT) is applied successfully to design a controller for benchmark problem, "Design and ptimization of restricted complexity controllers", for an active suspension system. Design goals are defined as constraints on frequency domain response. A low-order controller is designed to provide attenuation of disturbances in spite of practical limitations on the achievable closed-loop performance. Complexity and accuracy of designed controller is compared with result of several control approaches for the same benchmark.

کلمات کلیدی:

Active suspension system, Quantitative feedback theory, Robust controller

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