Abstract Details

Title: A Proportional Derivative Controller Design for High Gain and Low Sensitivity Systems

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Abstract: The problem of reducing the system sensitivity could be solved by adding a gain to the system. Adding a gin to the system may cause an oscillation to the response of the system. This paper describes how to solve the problem of adding a gain and at the same time maintains the system response at an acceptable condition. This was done by adding a PD controller to the system with high gain.

Keywords: PD Controller, Stability, Gain, Sensitivity.