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عنوان مقاله:
ROBUST PERFORMANCE DOMAINS OF PID CONTROLLERS

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خلاصه مقاله:
This work is concerned with the robust performance of PID control systems. It presents a method for computing the domains in the plane of two coefficients of the controller (KP - KI), inside which the robust performance conditions are satisfied. The performance criterion is defined using the H∞ results. A straightforward algorithm is presented for the visualization of the robust performance domains. The computational requirements of the algorithm are contained as several explicit expressions are derived to characterize the borders of the robust performance domains.

کلمات کلیدی:
Robust Performance, Uncertain Systems, PID Control, Robust Control

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