

Error Bounds In Approximating Time-Delay Systems

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I E E E, PROCEEDINGS OF THE 40TH IEEE CONFERENCE ON DECISION AND
CONTROL, VOLS

1-5; pp: 1837-1842; Vol: ##

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Summary

In this paper, bounds on approximating time-delay systems are proposed. Bounds on the infinity norm of the weighted error are obtained when the approximating function is a general rational function, all-pass function, Pade' and Laguerre approximations. An example is presented in illustration.

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