Error Bounds In Approximating Time-Delay Systems

Al-Amer, S.H. Al-Sunni, F.M.; Dept. of Syst. Eng., King Fahd Univ. of Pet.Miner., Dhahran;

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King Fahd University of Petroleum & Minerals

http://www.kfupm.edu.sa

Summary

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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