

عنوان مقاله:

Decentralized Adaptive Control of Large-Scale Non-affineNonlinear Time-Delay Systems Using Neural Networks

محل انتشار:

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خلاصه مقاله:

In this paper, a decentralized adaptive neural controller is proposed for a class of large-scale nonlinear systems with unknown nonlinear, non-affine subsystems and unknown nonlinear time-delay interconnections. The stability of the closed loop system is guaranteed through Lyapunov-Krasovskii stability analysis. Simulation results are provided to show the effectiveness of the proposed approaches.

کلمات کلیدی:

Adaptive decentralized control, neural networks, non-affine nonlinear large-scale systems, time-delay systems

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