

عنوان مقاله:

Joint influence of leakage delays and proportional delays on almost periodic solutions for FCNNs

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خلاصه مقاله:

This paper deals with fuzzy cellular neural networks (FCNNs) with leakage delays and proportional delays. Applying the differential inequality strategy, fixed point theorem and almost periodic function principle, some sufficient criteria which ensure the existence and global attractivity of a unique almost periodic solution for fuzzy cellular neural networks with leakage delays and proportional delays are derived. Computer simulations are carried out to illustrate our theoretical findings. Our results are new and complement some previously published ones.

کلمات کلیدی:

Fuzzy cellular neural networks, almost periodic solution, exponential stability, leakage delay, time-varying delay, proportional delay

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