Title: Delay-dependent stability analysis of fuzzy Cohen–Grossberg neural networks with impulse

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In this work, a class of fuzzy Cohen–Grossberg neural networks (FCGNNs) with time-varying delays and impulse are considered. Applying differential inequality techniques, some sufficient conditions for the existence, uniqueness and global exponential stability of equilibrium point for the addressed neural network are obtained. Moreover an example illustrates the effectiveness of obtained results.

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