FINITE TIME CONTROL OF CHAOTIC CELLULAR NEURAL NETWORK WITH UNCERTAIN PARAMETERS

Đàm Thanh Phương, Phạm Thượng Cát

TÓM TẮT:

This paper solved the problem of control chaotic cellular neural network with finite time and the uncertain parameters. Non-linear control law is designed to ensure achieving the desired state in finite time. The-

oretical results are demonstrated by strict Lyapunov stability theory. Simulation results performed on Matlab environment shows the eectiveness of proposed control law.