





บทความ **Global exponential stability of Clifford-valued neural networks with time-varying delays and impulsive effects**

ถูกอ้างอิงใน วารสารที่อยู่ในฐานข้อมูลที่ กพอ ยอมรับ 1 ครั้ง (Mar 2024)

### Robust impulse nonlinear delayed multi-agent systems: an exponential synchronization

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... These applications are closely linked to the dynamical characteristics of those NNs, and such applications depend on the equilibrium's stability for the designed networks. Up to now, many significant results concerning the stability of NNs with or without time delay have been developed; see [5][6][7] **[8]** [9][10][11][12]. ...

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Numerous coupled dynamic systems are modelable as chaotic nonlinear systems in several contexts, including physics, nature, and society [22, 25, 26]. Therefore, there is significant research value in studying chaotic systems and their synchronization. Additionally, in recent years, researchers in various domains, including biological systems, chemical reactions, and secure communication, have paid a great deal of attention to the master-slave synchronization of two chaotic systems [14–16, 24]. This shows that the findings in this research have practical applications in expanding secure communications and chaotic synchronization to MASs.

[25] G. Rajchakit, R. Sriraman, N. Boonsatit, P. Hammachukiattiku, C. P. Lim, P. Agarwal, Global exponential stability of Clifford-valued neural networks with time-varying delays and impulsive effects, *Adv. Difference Equ.*, 2021 (2021), 21 pages

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