

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

ถูกอ้างอิงใน วารสารที่อยู่ในฐานข้อมูลที่ กพอ ยอมรับ 1 ครั้ง (13 September 2022)

The screenshot shows a web browser window with several tabs open. The active tab is the ResearchGate profile page for Porpattama Hammachukiattikul, displaying the URL <https://www.researchgate.net/profile/Porpattama-Hammachukiattikul/stats/citations/all>. The page content includes:

- A notification: "Your publication has 1 new citation" for the article "Global exponential stability of Clifford-valued neural networks with time-varying delays and impulsive effects".
- A thank-you message from a referee: "... We would like to thank the referees for their appreciation and constructive comments. In particular, the papers [4,13,[30] [31] [32] have been suggested by one of the referees. ..."
- A list of publications, with the first one being "Nonlocal diffusion of variable order on complex networks" (Article, Full-text available, Aug 2022) by Daniele Bertaccini and F. Durastante.
- Another notification: "Your publication has 2 new citations" for the article "Exponential stability in the Lagrange sense for Clifford-valued recurrent neural networks with time delays".

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# Nonlocal diffusion of variable order on complex networks

Daniele Bertaccini & F. Durastante

Pages 172-191 | Received 29 Nov 2021, Accepted 22 Jul 2022, Accepted author version posted online: 18 Aug 2022, Published online: 13 Sep 2022

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## Abstract

Some aspects of nonlocal dynamics on directed and undirected networks for an initial value problem whose Jacobian matrix is a variable-order fractional power of a Laplacian matrix are discussed here. This is a new extension to non-stationary behaviour of a class of non-local phenomena on complex networks for which both directed and undirected graphs are considered. Under appropriate assumptions, the existence, uniqueness, and uniform asymptotic stability of the solutions of the underlying initial value problem are proved. Some examples giving a sample of the behaviour of the dynamics are also included.

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