

บทความ Mixed H-Infinity and Passive Synchronization of Markovian Jumping Neutral-Type Complex Dynamical Networks with Randomly Occurring Distributed Coupling Time-Varying Delays and Actuator Faults ถูกอ้างอิงใน วารสารที่อยู่ในฐานข้อมูลที่ กพอ ยอมรับ 1 ครั้ง (23 October 2021)

The screenshot shows a web browser window with the URL <https://www.researchgate.net/profile/Porpattama-Hammachukiattikul/stats/citations/all>. The page displays a notification for a new citation in October 2021. The citation is for the paper: "Mixed H-Infinity and Passive Synchronization of Markovian Jumping Neutral-Type Complex Dynamical Networks with Randomly Occurring Distributed Coupling Time-Varying Delays and Actuator Faults". Below the title, there is a text snippet: "... It has been shown that the notion of passivity plays an important role in the analysis and design of linear and nonlinear systems. And the passivity analysis approach has been used for a long time to deal with the control problems for some kinds systems, such as neural network systems [6][7][8][9][10], T-S fuzzy systems [11][12][13], Markovian jump system [14][15][16][17], singular system [18][19], etc. very recently, the problem of passivity analysis has been discussed for complex networks in [20][21][22][23][24][25][26], in [20,21,22], the authors studied the synchronization of complex dynamical networks and general complex dynamical networks by using passivity theory. Wang et.al [23] and Wang et.al [24] investigated input passivity and output passivity for a generalized complex network with nonlinear, time-varying, non-symmetric and delayed coupling. ...". Below the snippet, the full title of the paper is listed, along with the authors "Nannan Ma · Lin Chen" and a "View" link. The browser's taskbar at the bottom shows the date as 3/31/2022 and the time as 10:28 PM.

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Non-Fragile Passivity Synchronization Control for Complex Dynamical Networks With Dynamics Behavior Links

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- Abstract
- Document Sections
 - I. Introduction
 - II. Preliminaries and Problem Statement
 - III. Main Results

Abstract: Passivity synchronization of complex dynamical networks with time-varying dynamics behavior links is investigated in this paper. In many real-world complex dynamical networks have dynamic behavior which can cause synchronization losing in the networks. To make the systems synchronization, a non-fragile controller is given. By constructing a new Laypunov-Krasovskii functional and combining the reciprocal convex technique, sufficient conditions for complex dynamical networks to be synchronized are derived. The derived conditions can be solved by linear matrix inequalities (LMIs). In the end, two examples are presented to demonstrate the effectiveness of the proposed methods.

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