

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

ถูกอ้างอิงใน วารสารที่อยู่ในฐานข้อมูลที่ถูกขอ ยอมรับ 1 ครั้ง (26 December 2022)

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Original Paper | Published: 26 December 2022

Combined Homotopy and Galerkin Stability Analysis of Mathieu-Like Equations

Jeet Desai & Amol Marathe

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Abstract

We propose a homotopy analysis method in combination with Galerkin projections to obtain transition curves of Mathieu-like equations. While constructing homotopy, we think of convergence-control parameter as a function of embedding parameter and call it a convergence-control function. Homotopy analysis provides a relation between the parameters of the Mathieu equation that also includes free parameters arising from the convergence-control function. We generate extra nonlinear algebraic equations using Galerkin projections and solve numerically for arriving at transition curves. We demonstrate the usefulness of our

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