



Comparison of the Fargue-type analytical approximation and the numerical semi-discretization method for delayed s ystems

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Stability of linear time periodic delay-di®erential equations is investigated. An analytical approximation, the so-called Fargue-type meth od, and a numerical approximation, the so-called semi-discretization method are compared for the damped and delayed Mathieu equation. It is shown that the convergence of the semi-discretization is better than that of the Fargue-type method.

<u>存档文本</u>

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