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摘要
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Pseudo almost periodic solutions of a singularly perturbed differential equation with piecewise constant argument

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Abstract Under suitable assumptions, the existence and the uniqueness of the pseudo-almost periodic solution for a singularly perturbed differential equation with piecewise constant argument are obtained. In addition, the stability properties of these solutions are characterized by the construction of manifolds of initial data.

Key words   Singular perturbation   Pseudo-almost periodic solutions   Pseudo-almost periodic sequences   Piecewise constant argument

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