On the Numerical Optimal Controls for a Class of Integro-Differential Equations of Neutral Type 余建志,蔣世中

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Abstract

We consider numerical optimal controls for a class of singular integro-differential equations originally from aeroelasticity issue. By minimizing three typical criterions and comparing the alternative controls, we obtain the corresponding optimal controls and the related optimal states.

Keyword: numerical optimal controls, singular integro-differential equations, criterions