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The Existence and Multiplicity of Positive Solutions for a Third-order Three-point Boundary Value Problem

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摘要　　 The existence of n positive solutions for a class of third-order three-point boundary value problems is investigated, where n is an arbitrary natural number. The main tool is Krasnosel'skii fixed point theorem on the cone.

关键词　　third-order ordinary differential equation

分类号

Abstract The existence of n positive solutions for a class of third-order three-point boundary value problems is investigated, where n is an arbitrary natural number. The main tool is Krasnosel'skii fixed point theorem on the cone.

Key words　third-order ordinary differential equation

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