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二阶非线性时滞微分方程的多个正解

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Multiple Positive Solutions for Nonlinear Second-order Delay Differential Equations

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- 摘要
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摘要 在这篇文章中,我们探讨了非线性边值问题正解的存在性.给出的主要结果证明了边值问题两个正解的存在性.结论的证明使用了一个锥上的不动点定理.为了说明定理的正确性,我们最后给出了一个例子.

关键词: 正解   不动点   时滞   锥

Abstract： In this paper, we concerned with the existence of positive solutions for nonlinear boundary value problem.The main results in this paper proof the existence of double positive solutions for the boundary value problem.The proofs are using a three functionals fixed point theorem in a cone. For illustrating the theoretical analysis, we also give an examples.

Key words： positive solution   fixed point   delay   cone

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