EXISTENCE OF THREE POSITIVE SOLUTIONS FOR MULTIPLE-POINT BOUNDARY VALUE PROBLEM OF SECOND-ORDER FUNCTIONAL DIFFERENTIAL EQUATIONS

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Abstract. By using a fixed point theorem, some new results for multiplicity of positive solutions for a class of multiple-point boundary value problem of second-order functional differential equations are obtained. The associated Green's functions of the problem are also given.

Key Words and Phrases: Boundary value problem, functional differential equation, positive solution, cone, fixed point.

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