

Michal Fečkan

Existence of nonzero nonnegative solutions of semilinear equations at resonance

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Abstract: The existence of nonzero nonnegative solutions are established for semilinear equations at resonance with the zero solution and possessing at most linear growth. Applications are given to nonlinear boundary value problems of ordinary differential equations.

Keywords: semilinear equations at resonance, boundary value problems

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