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Existence of Periodic Solutions for Second Order Rayleigh Equations With Piecewise Constant Argument

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<u>Abstract:</u> Based on a continuation theorem of Mawhin, periodic solutions are found for the second-order Rayleigh equation with piecewise constant argument.

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Scientific Journals Home Page **Key Words:** Rayleigh equation, deviating argument, piecewise constant argument, periodic solution, Mawhin's continuation theorem

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