

**Lu, Shiping; Ge, Weigao; Zheng, Zuxiou**

**Periodic solutions for a kind of Rayleigh equation with a deviating argument.** (English)

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The present paper is concerned with the existence of periodic solutions for the following Rayleigh delay equation

$$x''(t) + f(x'(t)) + g(x(t - \tau(t))) = p(t)$$

by Mawhin's coincidence degree theory. Sufficient conditions are given. An example is provided.

Reviewer: Yuan Rong (Beijing)

**MSC:**

34K13 Periodic solutions to functional-differential equations

Cited in 22 Documents

**Keywords:**

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**References:**

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