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Oscillation of differential systems of neutral type. (English) Zbl 1081.34079
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Summary: We study oscillatory properties of solutions of systems

$$\begin{aligned} [y_1(t) - a(t)y_1(g(t))] &= p_1(t)y_2(t), \\ y_2'(t) &= -p_2(t)f(y_1(h(t))), \quad t \geq t_0. \end{aligned}$$

MSC:

34K40 Neutral functional-differential equations

Cited in 1 Document

Keywords:

differential system of neutral type; oscillatory solution

Full Text: [DOI](#) [EuDML](#) [Link](#)

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