

## SOME NOTES ON ONE OSCILLATORY CONDITION OF NEUTRAL DIFFERENTIAL EQUATIONS

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### Abstract

The aim of this paper is to present sufficient conditions for all bounded solutions of the second order neutral differential equations of the form

$$(r(t)(x(t) - px(t - \tau)))' - q(t)f(x(\sigma(t))) = 0$$

to be oscillatory and to compare some existing results.

**Keywords:** neutral equation, oscillatory solution.

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