THE ASYMPTOTIC PROPERTIES OF THE SOLUTIONS OF THE N-TH ORDER FUNCTIONAL NEUTRAL DIFFERENTIAL EQUATIONS

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The aim of this paper is to deduce oscillatory and asymptotic behavior of the solutions of the $n-$th order functional neutral differential equations

$$\Big(x(t) + p(t)x[\tau(t)]\Big)^{(n)} + q(t)f(x[\sigma(t)]) = 0$$

where $\sigma(t)$ and $\tau(t)$ are delayed arguments.