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ASYMPTOTIC BEHAVIOR OF THE NONOSCILLATORY SOLUTION OF
THE N-TH ORDER DIFFERENTIAL EQUATION WITH DELAY
DEPENDING ON THE UNKNOWN FUNCTION

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Abstract

The asymptotic behavior of the solutions of the differential equations
 $(r_{n-1}(t)(r_{n-2}(t)(\dots(r_1(t)x'(t))'\dots))')' + f(t, x(t), x(\Delta(t, x(t)))) = 0$
is considered.