Abstract. By defining an appropriate complete Lyapunov functional, sufficient conditions are established which guarantee uniform asymptotic stability of the trivial solution and uniform ultimate boundedness of solutions of equation (1.1). The results obtained in this investigation extend many existing and exciting results on nonlinear third order delay differential equations.

References


2010 Mathematics Subject Classification. 34C11.
Key words and phrases. stability, Lyapunov functional, delay differential equations, third-order differential equations.


Received 20 March 2015

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