
Determining the optimum points of two classes of two-band functions

© E.V. Velichko, V.T. Nadykto

Tavria State Agrotechnological University, Melitopol', Zaporozhzhya region,
Ukraine, 72310

The study tested thrice differentiable functions whose definitional domain can be divided into several intervals (zones) with significantly different rates of function growth. A strict definition of the optimum point through the curvature of the curve is given. For two classes of convex two-band functions the problem of finding the optimum point is solved in a general way.

Keywords: *optimal point of one variable function, curvature of the curve, area of the function, area of the curve, two-band function, exponent.*

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Velichko E.V. (b. 1979) graduated from Zaporozhzhya National University in 2001 with MS (Math.). Ph.D., Assoc. Professor of the Higher Mathematics and Physics Department at Tavria State Agrotechnological University, Melitopol'. Research interests include mechanics of thermoelastic multilayer surroundings, approximation of mathematical functions. Author of more than 50 publications on mathematics and mechanics. e-mail: velichko_ev@i.ua

Nadykto V. T. (b. 1956) graduated from Dnepropetrovsk Agricultural University in 1977. Dr. Sci. (Eng.), Professor, vice-chancellor for scientific work, corresponding member of National Academy of Agrarian Sciences of Ukraine, head of the Machine Usage in Agriculture Department. Research interests include machine usage efficiency in agriculture. Author of over 200 scientific publications, including 30 copyright certificates and patents. e-mail: imesh@zp.ukrtel.net
