International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, Vol. 8 No. IV (July, 2014), pp. 125-133

MEASURE OF GROWTH OF ENTIRE FUNCTIONS USING RELATIVE L*-ORDER

SANJIB KUMAR DATTA¹, TANMAY BISWAS² AND PULAKESH SEN³

¹ Department of Mathematics, University of Kalyani
P.O.- Kalyani-741235, Dist. Nadia, West Bengal, India
² Rajbari, Rabindrapalli, R. N. Tagore Road,
P.O. Krishnagar-741101, Dist. Nadia, West Bengal, India
³ Department of Mathematics,
Dukhulal Nibaran Chandra College
P.O.- Aurangabad-742201, Dist-Murshidabad, West Bengal, India

Abstract

In the paper we wish to measure some growths of entire functions on the basis of their order (lower order) as well as relative L^* -order (relative L^* -lower order).

© http://www.ascent-journals.com

Key Words and Phrases : Entire function, Order (lower order), Slowly changing function, Relative L^* -order relative L^* -lower order, Growth.

²⁰¹⁰ AMS Subject Classification : 30D35, 30D30, 30D20.