عنوان مقاله:

Relative orders and slowly changing functions oriented growth analysis of composite entire functions

محل انتشار:

مجله آنالیز غیر خطی و کاربردها, دوره 6, شماره 2 (سال: 1394)

تعداد صفحات اصل مقاله: 14

نویسندگان:

Department of Mathematics,University of Kalyani, Kalyani, Dist-Nadia, PIN- ۷۴۱۲۳۵, West Bengal, India - - -

Rajbari, Rabindrapalli, R. N. Tagore Road, P.O. Krishnagar, P.S.- Kotwali, Dist-Nadia, PIN- ۷۴۱۱۰۱, West Bengal, - - - India

Jhorehat F. C. High School for Girls, P.O.- Jhorehat, P.S.- Sankrail, Dist-Howrah, PIN- ۷۱۱۳۰۲, West Bengal, India - - -

خلاصه مقاله:

In the paper we establish some new results depending on the comparative growth properties of composition of entire functions using relative L^{\ast }-order (relative L^{\ast }-lower order) as compared to their corresponding left and right factors where L\equiv L(r) is a slowly changing function.

کلمات کلیدی:

Entire function, Maximum modulus, maximum term, composition, Growth, relative L*-order (relative L*-lower order), slowly changing function

لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/1561981