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RELATIVE ORDER OF ENTIRE FUNCTIONS OF TWO COMPLEX VARIABLES

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Abstract

In this paper we introduce the idea of relative order of entire functions of two complex variables. After proving some basic results, we observe that the relative order of a transcendental entire function with respect to an entire function is the same as that of its partial derivatives. Further we study the equality of relative order of two functions when they are asymptotically equivalent.

Key Words : Relative order, Entire functions.

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