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**SOME INEQUALITIES RELATING TO GENERALIZED RELATIVE
ORDER (α, β) AND GENERALIZED RELATIVE TYPE (α, β) OF
MEROMORPHIC FUNCTIONS WITH RESPECT TO
ENTIRE FUNCTION**

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Abstract: In this paper, we intend to find out some inequalities of generalized relative order (α, β) , generalized relative type (α, β) and generalized relative weak type (α, β) of a meromorphic function f with respect to an entire function g when generalized relative order (γ, β) , generalized relative type (γ, β) and generalized relative weak type (γ, β) of f and generalized relative order (γ, α) , generalized relative type (γ, α) and generalized relative weak type (γ, α) of g with respect another entire function h are given, where α, β, γ are slowly increasing functions.

Keywords and Phrases: Entire function, meromorphic function, growth, generalized relative order (α, β) , generalized relative type (α, β) .

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1. Introduction, Definitions and Notations

Let us consider that the reader is familiar with the fundamental results and the standard notations of the Nevanlinna theory of meromorphic functions which