A NOTE ON RELATIVE TYPE OF ENTIRE FUNCTIONS
REPRESENTED BY VECTOR VALUED DIRICHLET SERIES

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Abstract. We introduce in this paper a new parameter $T_g(f)$, the relative growth type of entire function $f(s)$ represented by a vector valued Dirichlet series with respect to another entire VVDS $g(s)$ when their relative order is one. We establish a few lemmas, and show that under certain conditions type and relative type of VVDS are equal. Several basic results have also been obtained.


Keywords and phrases: Vector valued Dirichlet series (VVDS), relative order, relative type, asymptotic behaviour.

REFERENCES