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# DERIVATIVE OPERATOR ON A HYPERGEOMETRIC FUNCTION OF THREE COMPLEX VARIABLES

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Abstract. In recent years stydies have been don on the effect of some differential operators on the entire function of several complex variables. In this paper a study of the effect of one of these operators ( for example $D^{(N)}$-diferential operator) on the hypergeometric function of three complex variables. The effect of this operator has shown some contiguous function relations. A hypergeometric differential equation with its general solution these type of hypergeometric function hane been obtained.

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