

## BANACH ALGEBRA OF ENTIRE BICOMPLEX DIRICHLET SERIES

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### Abstract

A class  $T$  of entire functions represented by Bicomplex Dirichlet series has been provided with a Modified Banach algebra structure.  $T$  is a Modified Banach  $*$ -algebra which is neither a division algebra nor a  $B^*$  algebra. Invertible and quasi invertible elements in  $T$  have been investigated.

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Key Words and Phrases : *Entire bicomplex dirichlet series, Modified banach  $*$ -algebra, Invertible and quasi invertible elements.*

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