ON ENTIRENESS OF BICOMPLEX DIRICHLET SERIES

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Abstract

In this work, we have introduced and studied the Bicomplex version of complex Dirichlet series. We have derived condition for which the sum function of the Bicomplex Dirichlet series represents an entire function in some sense. The entireness of sum and Hadamard product of two entire Bicomplex Dirichlet series are also discussed.

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