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On almost automorphy for generalized functions

Chikh BOUZAR & Amel BOUDELLAL

Laboratory of Mathematical Analysis and Applications, University of Oran 1

Abstract :

This talk aims firstly to survey the concept of almost automorphy in the framework of some classes of generalized functions such distributions, ultradistributions, generalized distributions and generalized ultradistributions. Secondly, we introduce a new class of almost automorphic generalized functions, namely the almost automorphic hyperfunctions, and then we give some important properties of this class.

Keywords : Almost Automorphy, Distributions, Ultradistributions, Generalized Functions, Hyperfunctions.

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