

Localisation principles for variant H-measures

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Most of the known applications of H-measures, such as the compactness by compensation for differential relations with variable coefficients, are consequences of the localisation principle for H-measures [9].

During the last decade, a number of variant H-measures were introduced, such as parabolic H-measures [3], ultraparabolic H-measures [7], fractional H-measures [5], one-scale H-measures [10,1], H-distributions [4,6], one-scale H-distributions [2] and microlocal compactness forms [8]. The localisation principles for some of these variants will be discussed, together with their first applications.

The talk is based on joint work with MARKO ERCEG, MARTIN LAZAR, MARIN MIŠUR and DARKO MITROVIĆ .

References:

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