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On a nonlinear Peetre's theorem in full Colombeau algebras

Comment.Math.Univ.Carolin. 58,1 (2017) 69–77.

Abstract: We adapt a nonlinear version of Peetre's theorem on local operators in order to investigate representatives of nonlinear generalized functions occurring in the theory of full Colombeau algebras.

Keywords: nonlinear Peetre's theorem; local function; Colombeau algebra

AMS Subject Classification: 46F30

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