On The Foundations Of Nonlinear Generalized Functions I And II

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On the Foundations of Nonlinear Generalized Functions


(ii) If \((u?)?\), \((v?)?\) \(\in\) \([X, Y]\), then \((u?)?\) \(\equiv\) \((v?)?\) if and only if \((f?u??f?v?)?\).

Kunzinger, M., Steinbauer, R. On the foundations of nonlinear gen-. On the Foundations of Nonlinear Generalized Functions I A convenient notion of compact set for generalized functions (PDF). The need for generalized function solutions to nonlinear partial differential. (n 3 in the rst, n 2 in the second case), already the solution to the linear..


nonlinear generalized functions in the sense of Colombeau. The motivation analytic foundations of these spaces. [more]. Download full-text

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