Jiří Jelínek Colombeau product of currents

Comment.Math.Univ.Carolinae 46,3 (2005) 437-462.

Abstract: Colombeau product of de Rham's currents coincides with generalized Itano one. Sufficient conditions are found under which it is diffeomorphism invariant.

 $\mathbf{Keywords:}$ de Rham's current, full Colombeau algebra

AMS Subject Classification: 46F, 46F05