

90h:58029 58F05 35Q20 58F07

Gotay, Mark J. (1-USNA)

A multisymplectic approach to the KdV equation.

Differential geometrical methods in theoretical physics (Como, 1987),
295–305, *NATO Adv. Sci. Inst. Ser. C Math. Phys. Sci.*, 250, Kluwer
Acad. Publ., Dordrecht, 1988.

A multisymplectic formulation of the KdV equation is presented which
gives rise to the standard symplectic description of dynamics on the
space of Cauchy data.

{For the entire collection see MR 89j:00012}.

Eugen Belokolos (Kiev)