

KdV-Burgers Equation for a Viscous Flowing Shallow Water Waves

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(Received: 2001-4-28; Revised: 2001-11-22)

Abstract: Korteweg, de Vries-Burgers equation is obtained for an incompressible and viscous fluid which is flowing in one direction for the shallow water. We assume that the wave amplitude is small but finite, the viscosity of the fluid is also small enough.

PACS: 47.35.+i

Key words: soliton, KdV-Burgers equation

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