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Exact solutions for a compound KdV-Burgers equation. (English) Zbl 0972.35526
Phys. Lett., A 213, No. 5-6, 279-287 (1996).

Summary: The exact solutions of a compound KdV-Burgers equation are obtained by using a homogeneous balance method. Particular important cases of the equation, such as the compound KdV, mKdV-Burgers, KdV-Burgers as well as mKdV, KdV equations can be solved by this method.

MSC:

35Q53 KdV equations (Korteweg-de Vries equations)
35C05 Solutions to PDEs in closed form

Cited in **231** Documents

Full Text: [DOI](#)

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