

Deift, P. A.; Its, A. R.; Zhou, X.

Long-time asymptotics for integrable nonlinear wave equations. (English) [Zbl 0926.35132](#)
Fokas, A. S. (ed.) et al., Important developments in soliton theory. Berlin: Springer-Verlag, Springer Ser. Nonlinear Dyn. 181-204 (1993).

The paper is concerned with the question whether the rather abstract formalism of inverse scattering theory could be used to describe in detail the long-time behavior of the associated nonlinear wave equations.

For the entire collection see [\[Zbl 0801.00009\]](#).

MSC:

35Q53 KdV equations (Korteweg-de Vries equations)

35B40 Asymptotic behavior of solutions to PDEs

Cited in **1** Review
Cited in **73** Documents

Keywords:

[inverse scattering theory](#); [long-time behavior](#); [nonlinear wave equations](#)