

Ablowitz, Mark J.; Segur, Harvey

Solitons and the inverse scattering transform. (Solitony i metod obratnoj zadachi). Transl. from the English. (Russian) [Zbl 0621.35003](#)

Moskva: "Mir". 479 p. R. 3.70 (1987).

For a review of the English original (SIAM Studies in Applied Mathematics 4, (1981) see [Zbl 0472.35002](#).

MSC:

[35-02](#) Research exposition (monographs, survey articles) pertaining to partial differential equations

[35P25](#) Scattering theory for PDEs

[35A22](#) Transform methods (e.g., integral transforms) applied to PDEs

[35Q99](#) Partial differential equations of mathematical physics and other areas of application

Cited in **1** Review
Cited in **5** Documents

Keywords:

[soliton](#); [inverse scattering transform](#)