

BIBLIOGRAPHY AND AUTHOR INDEX

The numbers in square brackets following each entry give the pages of this book on which the entry is cited.

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MOTION PICTURE INDEX

Various films about solitons have been made. Some 16 mm ones, which may be loaned or bought, are listed below. It is very instructive to see, in particular, computer-made animations of solitons and their interactions.

Eilbeck, J.C. F1973 Solitons and Bions in Nonlinear Optics. Sound, colour, 6 min.

Eilbeck, J.C. F1975 Numerical Solutions of the Régularized Long-Wave Equation. Silent, colour, 3 min.

Eilbeck, J.C. F1977a Boomerons. Silent, colour, 6 min.

Eilbeck, J.C. F1977b Zoomerons. Silent, colour, 6 min.

Eilbeck, J.C. F1978 Two-dimensional Solitons. Silent, colour, 4 min.

Eilbeck, J.C. F1981 Nonlinear Evolution Equations. Sound, colour, 12 min. [9, 62, 71]

Eilbeck, J.C. F1982 Kink Interactions in the ϕ^4 Model. Silent, colour, 6 min.

Eilbeck, J.C. & Lomdahl, P.S. F1982 Sine-Gordon Solitons. Sound, colour, 14 min. [96, 101]

The above films may be bought from FR80 Ops., Rutherford Laboratory, Chilton, Didcot, Oxfordshire OX11 0QX, England.

Zabusky, N.J., Kruskal, M.D. & Deem, G.S. F1965 Formation, Propagation and Interaction of Solitons (Numerical Solutions of Differential Equations Describing Wave Motions in Nonlinear Dispersive Media). Silent, b/w, 35 min. [9, 71]

The above film may be loaned from Bell Telephone Laboratories, Inc. Film Library, Murray Hill, New Jersey 07971, U.S.A.

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