

1. Record Nr.	UNINA9910390541103321
Titolo	Asymptotic analysis for nonlinear dispersive and wave equations // edited by Keiichi Kato (Tokyo University of Science), Takayoshi Ogawa (Tohoku University), Tohru Ozawa (Waseda University)
Pubbl/distr/stampa	Mathematical Society of Japan
ISBN	4-86497-082-3
Classificazione	413.65
Disciplina	531.1133
Soggetti	Nonlinear wave equations Differential equations, Partial Harmonic analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Remarks on the Mizohata-Takeuchi conjecture and related problems / Neal Bez and Mitsuru Sugimoto -- Asymptotics for the Schrodinger equation with a repulsive delta potential and a long-range dissipative nonlinearity / Masahiro Ikeda -- The sharp lower bound of the lifespan of solutions to semilinear wave equations with low powers in two space dimensions / Takuto Imai, Masakazu Kato, Hiroyuki Takamura and Kyouhei Wakasa -- Remarks on the asymptotic behavior of global solutions to systems of semilinear wave equations / Soichiro Katayama -- Instability of standing waves for a system of nonlinear Schrodinger equations in a degenerate case / Shotaro Kawahara and Masahito Ohta -- Energy structure and asymptotic profile of the linearized system of thermo-elastic equation in lower space dimensions / Yuki Kimura and Takayoshi Ogawa -- Decay estimate and asymptotic behavior of small solutions to Schrodinger equations with subcritical dissipative nonlinearity / Naoyasu Kita and Yoshihisa Nakamura -- Modification of the vector-field method related to quadratically perturbed wave equations in two space dimensions / Hideo Kubo -- Remarks on derivative nonlinear Schrodinger systems with multiple masses / Chunhua Li and Hideaki Sunagawa -- Properties of solutions to the Camassa-Holm equation on the line in a class containing the peakons / Felipe Linares, Gustavo Ponce and Thomas C Sideris -- Remarks on the

Hardy type inequalities with remainder terms in the framework of equalities / Shuji Machihara, Tohru Ozawa and Hidemitsu Wadade -- On the scattering problem of mass-subcritical Hartree equation / Satoshi Masaki -- Global solutions for nonlinear Schrodinger equations in De Sitter spacetime / Makoto Nakamura -- On the factorization technique for the dispersive nonlinear equations / Pavel I Naumkin -- Remark on the scattering operator for the quintic nonlinear Dirac equation in one space dimension / Hironobu Sasaki -- Blowup for a complex Ginzburg-Landau equation focusing on the parabolicity / Takuya Tomidokoro and Tomomi Yokota -- Kato Type smoothing estimates for magnetic Schrodinger equations with rough potentials / Takeshi Wada -- Second order asymptotic expansion for wave equations with time-dependent dissipation in one-space dimension / Yuta Wakasugi.
