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Nota di contenuto	Intro -- Preface -- Organization -- Program Chairs -- Contents -- About the Editors -- Part I Long-Time Behavior of NLS-Type Equations -- A Note on Small Data Soliton Selection for Nonlinear Schrödinger Equations with Potential -- 1 Introduction -- 2 The Proof -- 2.1 Estimate of the Continuous Variable -- 2.2 Estimate of Discrete Variables -- References -- Dynamics of Solutions to the Gross-Pitaevskii Equation Describing Dipolar Bose-Einstein Condensates -- 1 Introduction -- 1.1 Background -- 1.2 Main Results -- 1.2.1 Dynamics Below the Threshold -- 1.2.2 Dynamics Above the Threshold -- 1.2.3 Dynamics at the Threshold -- 2 Decay for Powers of Riesz Transforms and Virial Arguments -- 2.1 Integral Estimates for R_{4j} -- 2.2 Point-Wise Estimates for R_{2j} -- 2.3 Virial Identities -- 3 Sketch of the Proofs Below the Threshold -- 3.1 Scattering -- 3.2 Blow-up -- 3.3 Grow-up -- 4 Sketch of the Proofs Above the Threshold -- 5 Sketch of the Proofs at the Threshold -- References -- Part II Probabilistic and Nonstandard Methods in the Study of NLS Equations -- Almost Sure Pointwise Convergence of the Cubic Nonlinear Schrödinger Equation on T^2 -- 1 Introduction -- 1.1 Notations and Terminology -- 2 Proof of Theorem 1 -- 2.1 Proof of Theorem 1 -- 3 Proof of Proposition 1 -- 3.1 Proof of Proposition 1 -- 4 Proof of Theorem 2 -- 4.1 Proof of Theorem 2 -- 4.2 Proof of Proposition 3 -- References -- Nonlinear Schrödinger Equation with Singularities -- 1 Introduction -- 2 The

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