T A B L E D E S M A T I E R E S

Introduction

- No 1 D.V. Choodnovsky; Hamiltonian structure for one and two-dimensional completely integrable systems. Two-dimensional completely integrable systems associated with eigenvalue problems and complete description of their
 - meromorphic solutions. § 0. Introduction.
 - § 1. Hamiltonian formalism for one dimensional case and Poisson brackets. Conditions of commutativity and two-dimensional completely integrable systems.
 - § 2. Meromorphic solutions of two dimensional equations and their poles.
 - \S 3. General behaviour of meromorphic solutions and Zaharov-Shabat system for n = 4, m = 2.
 - \S 4. Completely integrable systems associated with a linear operator of third order. Appendix to \S 4.
- No 2 D.V. Choodnovsky; Pole interpretation of one-dimensional completely integrable systems of Korteweg-de Vries and Burges-Hopf type.
 - § 0. Introduction.
 - § 1. Many-particle completely integrable systems.
 - § 2. Pole interpretation of Korteweg-de Vries equation and some functional equations.
 - \S 3. Higher Burges-Hopf equations and their pole interpretation.
- No 3 D.V. Choodnovsky; Many-particle completely integrable systems and poles of meromorphic solutions of non-linear evolution equations.
 - § 1. Finite dimensional many-particle completely integrable systems.
 - \S 2. Pole interpretation of completely integrable equations of evolution.
- No 4 D.V. Choodnovsky; Meromorphic solutions of two-dimensional equations with algebraic law of conservation.
 - § 1. Meromorphic solutions of two-dimensional equations and their poles.
 - A. Meromorphic, rational and elliptic solutions of the two-dimensional Korteweg-de Vries equation.
 - B. Meromorphic solutions of other two-dimensional equations.
- No 5 D.V. Choodnovsky,
 G.V. Choodnovsky; Multidimensional two
 - G.V. Choodnovsky; Multidimensional two-particles problem with non-centr potential.

- No 6 D.V. Choodnovsky,
 - G.V. Choodnovsky; Completely integrable class of mechanical systems connected with Korteweg-de Vries and multicomponent equations -IAppendix A.
 Appendix B.
- No 7 D.V. Choodnovsky; Meromorphic solutions of Benjamin-Ono equation.
- No 8 D.V. Choodnovsky; One class of meromorphic solutions of general twodimensional non-linear equations, connected with the algebraic inverse scattering method.
- No 9 D.V. Choodnovsky, G.V. Choodnovsky; Multisolition formula for completely integrable two-dimensional systems.
- No 10 D.V. Choodnovsky, G.V. Choodnovsky; Meromorphic eigenvalue problem, pole interpretation and many-particle problem for non-linear equations.
- No 11 D.V. Choodnovsky, G.V. Choodnovsky; Sur les systèmes à plusieurs particules avec potentiel en 1/r², l'équation de Riccatti et les systèmes complètement intégrables reliés à l'équation de Schrödinger.