

1. Record Nr.	UNINA9910480874803321
Autore	Jurdjevic Velimir
Titolo	Integrable Hamiltonian systems on complex Lie groups // V. Jurdjevic
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2005] ©2005
ISBN	1-4704-0439-7
Descrizione fisica	1 online resource (150 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 838
Disciplina	510 s 512/.482
Soggetti	Hamiltonian systems Lie groups Manifolds (Mathematics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 178, number 838 (second of 5 numbers)."
Nota di bibliografia	Includes bibliographical references (pages 132-133).
Nota di contenuto	""Contents""; ""Chapter 1. Introduction""; ""Chapter 2. Cartan decomposition and the Generalized elastic problems""; ""Chapter 3. The Maximum Principle and the Hamiltonians""; ""Chapter 4. The left-invariant symplectic form""; ""Chapter 5. Symmetries and the conservation laws""; ""Part 2. Complex Lie groups and complex Hamiltonians""; ""Chapter 6. Complexified elastic problems""; ""Chapter 7. Complex elasticae of Euler and its n-dimensional extensions""; ""Chapter 8. Cartan algebras, root spaces and extra integrals of motion""; ""Chapter 9. Elastic Curves for the case of Lagrange"" ""Chapter 10. Elastic Curves for the case of Kowalewski"" ""Bibliography""