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Altri autori (Persone)	GaetaGiuseppe <1959-> VitoloRaffaele WalcherSebastian
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Nota di contenuto	Homogeneous bi-lagrangian manifolds and invariant Monge-Ampere equations / D. Alekseevsky & A. Spiro -- On Darboux integrability / I. M. Anderson, M.E. Fels & P.J. Vassiliou -- Integrable systems in symplectic geometry / E. Asadi & J.A. Sanders -- Singularities and collisions in N-body type problems / V. Barutello & S. Terracini -- Computing curvature without Christoffel symbols / S. Benenti -- Survey of strong normal-internal k : resonances in quasi-periodically driven oscillators for l = 1,2,3 / H. Broer, R. van Dijk & R. Vitolo -- Quasi-periodic attractors and spin-orbit resonances / A. Celletti & L. Chierchia -- Darboux construction of solutions of integrable PDEs with nonvanishing boundary values / A. Degasperis & S. Lombardo -- Transitive decomposition of n-body symmetry groups / D. Ferrario -- Normal forms for commuting vector fields near a common fixed point / T. Gramchev & M. Yoshino -- A monkey saddle in rigid body dynamics / H. Hanssmann -- Nonlocal geometry of PDEs and integrability / J. Krashil'shchik -- Anomaly of linearization and auxiliary integrals / B. Kruglikov -- Natural variational principles / D. Krupka -- Variational

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Sommario/riassunto

"This proceedings volume is devoted to the interplay of symmetry and perturbation theory, as well as to cognate fields such as integrable systems, normal forms, n-body dynamics and choreographies, geometry and symmetry of differential equations, and finite and infinite dimensional dynamical systems. The papers collected here provide an up-to-date overview of the research in the field, and have many leading scientists in the field among their authors, including: D

Alekseevsky, S Benenti, H Broer, A Degasperis, M E Fels, T Gramchev, H
Hanssmann, J Krashil'shchik, B Kruglikov, D Krupka, O Krupkova, S
Lombardo, P Morando, O Morozov, N N Nekhoroshev, F Oliveri, P J
Olver, J A Sanders, M A Teixeira, S Terracini, F Verhulst, P Winternitz, B
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