1. Record Nr. UNINA9910788606603321 Autore Khemar Idrisse <1979-> Titolo Elliptic integrable systems: a comprehensive geometric interpretation / / Idrisse Khemar Providence, Rhode Island: .: American Mathematical Society, . 2012 Pubbl/distr/stampa ©2012 0-8218-9114-6 **ISBN** Descrizione fisica 1 online resource (215 p.) Collana Memoirs of the American Mathematical Society, , 0065-9266; ; Volume 219, Number 1031 Disciplina 516.3/73 Soggetti Geometry, Riemannian Hermitian structures Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "September 2012, Volume 219, Number 1031 (fourth of 5 numbers)." Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto ""Contents""; ""Abstract""; ""Introduction""; ""0.1. The primitive systems""; ""0.2. The determined case""; ""0.2.1. The minimal determined system""; ""0.2.2. The general structure of the maximal determined case""; ""0.2.3. The model system in the even case""; ""0.2.4. The model system in the odd case""; ""0.2.5. The coupled model system""; ""0.2.6. The general maximal determined odd system (k'=2k+1,m=2k)""; ""0.2.7. The general maximal determined even system (k'=2k,m=2k-1)""; ""0.2.8. The intermediate determined systems""; ""0.3. The underdetermined case""; ""0.4. In the twistor space"" ""0.5. Related subjects and works, and motivations""""0.5.1. Relations with surface theory""; ""0.5.2. Relations with mathematical physics""; ""0.5.3. Relations of F-stringy harmonicity and supersymmetry""; ""Notation, conventions and general definitions""; ""0.6. List of notational conventions and organisation of the paper""; ""0.7. Almost complex geometry""; ""Chapter 1. Invariant connections on reductive homogeneous spaces""; ""1.1. Linear isotropy representation""; ""1.2. Reductive homogeneous space""; ""1.3. The (canonical) invariant connection""; ""1.4. Associated covariant derivative"" ""1.5. G-invariant linear connections in terms of equivariant bilinear

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