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Autore	Khemar Idrisse <1979->
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Differentiation in End(T(G/H))""; ""Chapter 2. m-th elliptic integrable system associated to a k'-symmetric space""; ""2.0.1. Definition of G (even when does not integrate in G)""; ""2.1. Finite order Lie algebra automorphisms""; ""2.1.1. The even case: k'=2k""; ""2.1.2. The odd case: k'=2k+1""; ""2.2. Definitions and general properties of the m-th elliptic system""; ""2.2.1. Definitions""; ""2.2.2. The geometric solution"" ""2.2.3. The increasing sequence of spaces of solutions: (S(m))mN"""""" 2.2.4. The decreasing sequence (Syst(m,p))p/k""; ""2.3. The minimal determined case""; ""2.3.1. The even minimal determined case: k'=2k and m=k""; ""2.3.2. The minimal determined odd case""; ""2.4. The maximal determined case""; ""Adding holomorphicity conditions; the intermediate determined systems""; ""2.5. The underdetermined case""; ""2.6. Examples""; ""2.6.1. The trivial case: the 0-th elliptic system associated to a Lie group""; ""2.6.2. Even determined case""; ""2.6.3. Primitive case""
""2.6.4. Underdetermined case""""""2.7. Bibliographical remarks and summary of the results""; ""Chapter 3. Finite order isometries and twistor spaces""; ""3.1. Isometries of order 2k with no eigenvalues =1""; ""3.1.1. The set of connected components in the general case""; ""3.1.2. Study of Ad J, for JZ2ka(R2n)""; ""3.1.3. Study of Ad Jj""; ""3.2. Isometries of order 2k+1 with no eigenvalue =1""; ""3.3. The effect of the power maps on the finite order isometries""; ""3.4. The twistor spaces of a Riemannian manifolds and its reductions""
""3.5. Return to an order 2k automorphism 2mu-:6muplus1mugg""

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Autore	Ventre Aldo G. S.
Titolo	Calculus and Linear Algebra : Fundamentals and Applications / / by Aldo G. S. Ventre
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031205491 9783031205484
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Descrizione fisica	1 online resource (530 pages)
Disciplina	512.5 515
Soggetti	Engineering mathematics Algebras, Linear Mathematics Engineering Mathematics Linear Algebra Applications of Mathematics Càlcul Àlgebra lineal Llibres electrònics
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Language Sets -- Numbers and propositions -- Relations -- Euclidean geometry -- Functions -- The real line -- Real-valued functions of a real variable. The line.
Sommario/riassunto	This textbook offers a comprehensive coverage of the fundamentals of calculus, linear algebra and analytic geometry. Intended for bachelor's students in science, engineering, architecture, economics, the presentation is self-contained, and supported by numerous graphs, to facilitate visualization and also to stimulate readers' intuition. The proofs of the theorems are rigorous, yet presented in straightforward and comprehensive way. With a good balance between algebra, geometry and analysis, this book guides readers to apply the theory to

solve differential equations. Many problems and solved exercises are included. Students are expected to gain a solid background and a versatile attitude towards calculus, algebra and geometry, which can be later used to acquire new skills in more advanced scientific disciplines, such as bioinformatics, process engineering, and finance. At the same time, instructors are provided with extensive information and inspiration for the preparationof their own courses.