

1. Record Nr.	UNINA9910788768903321
Autore	Palais Richard S.
Titolo	A global formulation of the Lie theory of transportation groups / / Richard S. Palais
Pubbl/distr/stampa	Providence, R.I. : , : American Mathematical Society, , [1957] ©1957
ISBN	0-8218-9964-3
Descrizione fisica	1 online resource (130 pages)
Collana	Memoirs of the American Mathematical Society ; ; number 22
Soggetti	Lie groups Transformations (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Cover title.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Contents""; ""Preface""; ""Acknowledgments""; ""Chapter I: QUOTIENT MANIFOLDS DEFINED BY FOLIATIONS""; ""1. Differentiable Manifolds""; ""2. Foliations""; ""3. The Continuation Theorem""; ""4. Regularity""; ""5. Quotient Manifolds""; ""6. Factorization of Mappings""; ""7. Projection-like Mappings""; ""8. The Uniqueness Theorem""; ""9. Products of Quotient Manifolds""; ""Chapter II: LOCAL AND INFINITESIMAL TRANSFORMATION GROUPS""; ""1. Notation""; ""2. Elementary Definitions""; ""3. 'Factoring' a Transformation Group""; ""4. The Infinitesimal Graph""; ""5. The Local Existence Theorem""; ""6. The Uniqueness Theorem""; ""7. The Existence Theorem""; ""Chapter III: GLOBALIZABLE INFINITESIMAL TRANSFORMATION GROUPS""; ""1. Globalizations""; ""2. Univalent Infinitesimal Transformation Groups""; ""3. Maximum Local Transformation Groups""; ""4. The Principal Theorem""; ""5. Proper Infinitesimal Transformation Groups""; ""6. Uniform Infinitesimal Transformation Groups""; ""7. R-Transformation Groups""; ""8. The Need for Non-Hausdorff Manifolds""; ""9. Can Theorem XX Be Generalized?""; ""Chapter IV: LIE TRANSFORMATION GROUPS""; ""1. Two Theorems on Lie Groups""; ""2. Infinitesimal Groups""; ""3. Connected Lie Transformation Groups""; ""4. Lie Transformation Groups""; ""5. Tensor Structures and Their Automorphism Groups""; ""Appendix to Chapter IV""; ""1. Compact-Open Topology""; ""2. Making a Topology Locally Arcwise Connected"";

""3. The Modified Compact-Open Topology""; ""4. Weakening the
Topology of a Lie Group""; ""Terminological Index""; ""References"";
""Fixed Notations""
