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Altri autori (Persone)	WalczakPawe Grzegorz
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Nota di contenuto	CONTENTS Preface -- Morphisms of pseudogroups and foliated maps -- 1 Introduction -- 2 Morphisms of pseudogroups -- 3 Holonomy pseudogroups of foliated spaces -- 4 Holonomy morphisms of foliated maps -- 5 Leafwise homotopies and foliated homotopies -- 6 Complete pseudogroups and complete morphisms -- 7 Pseudogroups of local isometries -- 8 Riemannian foliations -- 9 Morphisms of complete pseudogroups of local isometries -- 10 Ideas of the proof of Proposition 11 Smoothness along the orbit closures -- 12 The strong plaquewise topology -- 13 Smooth approximation for Riemannian foliations --14 The spectral sequence of a Coo foliation -- 15 Foliated homotopy invariance of the spectral sequence -- 16 Examples -- 17 Open problems -- References -- Codimension-one foliations with a transversely contracting flow -- 1 Introduction -- 2 Preliminaries 3 Flows with invariant foliations -- References -- On infinitesimal derivatives of the Bott class -- 1 Introduction -- 2 Relationship of infinitesimal derivatives of the Bott class and the Schwarzian derivatives -- 3 Some applications -- References -- Dense orbits for abelian subgroups of $GL(n, \mathbb{C})$ -- 1 Introduction -- 2 Matrix normal forms -- 3 Matrix exponential map -- 4 Some properties of subgroups of $K^{*nr}(\mathbb{C})$ -- 5 Parametrization -- 6 Dense orbit for subgroups of $K^{*nr}(\mathbb{C})$ -- 7 Proofs of main theorems -- 8 Finitely generated subgroups --

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Sommario/riassunto

This volume takes a look at the current state of the theory of foliations, with surveys and research articles concerning different aspects. The focused aspects cover geometry of foliated Riemannian manifolds, Riemannian foliations and dynamical properties of foliations and some aspects of classical dynamics related to the field. Among the articles readers may find a study of foliations which admit a transverse contractive flow, an extensive survey on non-commutative geometry of Riemannian foliations, an article on contact structures converging to foliations, as well as a few articles on confo
