ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 35 2005 Number 6

CONTENTS

A New Proof of Liebmann Classical Rigidity Theorem for Surfaces in Space Forms
By Juan A. Aledo, Luis J. Alías and Alfonso Romero 1811

Integral-Geometric Formulas for Perimeter in $\mathbf{S}^2$, $\mathbf{H}^2$ and Hilbert Planes
By Ralph Alexander, I.D. Berg and Robert L. Foote 1825

A Map on the Space of Rational Functions
By G. Boros, J. Little, V. Moll, E. Mosteig and R. Stanley 1861

Periodic Solutions of an Infinite Dimensional Hamiltonian System
By Yanheng Ding and Cheng Lee 1881

Constructing Complete Projectively Flat Connections
By Ralph Howard 1909

Induced Representations of Locally C^*-Algebras
By Maria Joiţa 1923

Carathéodory Solutions to Hyperbolic Functional Differential Systems with State Dependent Delays
By Zdzisław Kamont and Jan Turo 1935

Non-Existence of Certain 3-Structures
By T. Kashiwada, F. Martin Cabrera and Mukut Mani Tripathi 1953

The Henstock Variational Measure, Baire Functions and a Problem of Henstock
By Lee Tuo-Yeong 1981

Darboux Integrability and Reversible Quadratic Vector Fields
By Jaume Llibre and João Carlos Medrado 1999

A Best Approximation Theorem for Nonexpansive Set-Valued Mappings in Hyperconvex Metric Spaces
By Jack T. Markin 2059

CONTENTS CONTINUED ON LAST PAGE

Weighted Composition Operators on Non-Locally Convex Weighted Spaces
By L. Oubbi 2065

The Asymptotic Growth of Equivariant Sections of Positive and Big Line Bundles
By Roberto Paoletti 2089

Note on Carlson's Theorem
By Jonathan Pila 2107

Exact Number of Solutions for Singular Dirichlet Boundary Value Problems
By Zhongli Wei 2113

The Riemann Integral Using Ordered Open Coverings
By Zhao Dongsheng and Lee Peng Yee 2129

Volume Index for Volume 35 2149