

Proceedings of the Seminar on Differential Geometry

Contents

Preface	vii
L. Klapka: <i>Poisson manifolds of geodesic arcs in classical mechanics</i>	1
M. Krbek, J. Musilová, J. Kašparová: <i>The variational sequence: Local and global properties</i>	15
D. Krupka, M. Krupka: <i>Jets and contact elements</i>	39
O. Krupková: <i>Differential systems in higher-order mechanics</i>	87
M. Marvan: <i>Geometric aspects of S-integrability</i>	131
J. Šeděnková: <i>Differential invariants of the metric tensor</i>	145
A. Sergyeyev: <i>On recursion operators and nonlocal symmetries of evolution equations</i>	159
A. Vondra: <i>From semisprays to connections, from geometry of regular O.D.E. in mechanics to geometry of horizontal Pfaffian P.D.E. on fibered manifolds (and vice versa)</i>	175
Bibliography	205