

# CONTENTS

## I. Survey Article

- Reiko MIYAOKA — Moment map of the spin action and the Cartan-Münzner Polynomials 1

## II. Research Articles

- Robert L. BRYANT, Michael G. EASTWOOD, A. Rod. GOVER and Katharina NEUSSER — Some differential complexes within and beyond parabolic geometry 13
- Toshihiro SHODA — A reducibility for a triply periodic minimal surface 41
- Takahiro NODA and Kazuhiro SHIBUYA — Type-changing PDE and singularities of Monge characteristic systems 57
- Hideya HASHIMOTO and Misa OHASHI — On the automorphism groups of isoparametric hypersurfaces of  $S^7$  75
- Hiroshi IRIYEH, Takashi SAKAI and Hiroyuki TASAKI — On the structure of the intersection of real flag manifolds in a complex flag manifold 87
- Keizo YAMAGUCHI — Contact Geometry of Second Order II 99