

## TABLE OF CONTENTS

Preface .....	vii
Recent progress on holomorphic chains with given boundary .....	1
P. Dolbeault	
On the conjugate harmonic functions of M. Riesz-E. Stein-G. Weiss .....	8
M. Shapiro	
On removable singularities of integrable CR functions given on CR manifolds .....	33
A. M. Kytmanov	
On holomorphic continuation of functions along complex curves .....	39
S. G. Myslivets	
Problems in almost complex analytic geometry .....	46
S. Dimiev	
Bigraduated complexes on the almost complex manifolds .....	53
L. N. Apostolova	
Lie groups acting on the Mobius strip .....	62
I. Bărză and D. Ghişă	
Integral formulae in the two-dimensional quaternionical analysis .....	73
M. S. Marinov	
DC-spaces (Double complex spaces) .....	81
M. Jurcescu, K. Spallek and F. Succi	
Geometry of Hermitian surfaces .....	94
V. Apostolov, J. Davidov, G. Grantcharov and O. Muškarov	
Manifolds of negative curvature and nilpotent groups .....	105
B. Apanasov and X. Xie	
General existence of minimal surfaces with prescribed flux II .....	116
S. Kato, M. Umehara and K. Yamada	
Grassmann geometry of 6-dimensional sphere .....	136
T. Koda and H. Hashimoto	

Multiple periodic solutions of some non coercive Hamiltonian systems . . . . .	143
N. Timoumi	
On <b>twistor</b> quantization of loop spaces and Kähler manifolds . . . , . . . . .	148
A. G. Sergeev	
An integrable system on $S^4$ . . . . .	158
I. M. Mladenov	
Sets of compatible non-self-adjoint observables as examples of partial <b>GW*</b> and von Neumann algebraic structures in a complex Hilbert space . . . . .	165
G. Epifanio, T. S. Todorov and C. Trapani	
Lagrangian formalism for tensor fields . . . . .	177
S. Manoff	
List of participants . . . . .	219