



# CONTENTS

## A – ALGEBRA AND NUMBER THEORY

J. Cohen, <i>Topologies on the quotient field of a Dedekind domain</i> .....	51
K. McCrimmon, <i>Derivations and Cayley derivations of generalized Cayley-Dickson algebras</i> .....	163

## B – ANALYSIS

G. Huisken, <i>Capillary surfaces over obstacles</i> .....	121
J. S. Hwang, <i>A problem on continuous and periodic functions</i> .....	143
H. M. Srivastava, <i>A multilinear generating function for the Konhauser sets of biorthogonal polynomials suggested by the Laguerre polynomials</i> .....	183
Lu Zhu-jia, <i>Some maximum properties for a family of singular hyperbolic operators</i> .....	193

## D – GEOMETRY

A. Altshuler and L. Steinberg, <i>The complete enumeration of the 4-polytopes and 3-spheres with eight vertices</i> .....	1
M. Beeson, <i>The <math>6\pi</math> theorem about minimal surfaces</i> .....	17

## G – TOPOLOGY

J. Caruso and S. Waner, <i>An approximation theorem for equivariant loop spaces in the compact Lie case</i> ..	27
S. Dolecki, G. H. Greco and A. Lechicki, <i>Compactoid and compact filters</i> .....	69
R. W. Hansell, <i>Generalized quotient maps that are inductively index-<math>\sigma</math>-discrete</i> .....	99
R. Levy and M. D. Rice, <i>The extension of equi-uniformly continuous families of mappings</i> .....	149

Our subject classifications are: A – ALGEBRA AND NUMBER THEORY; B – ANALYSIS;  
C – APPLIED MATHEMATICS; D – GEOMETRY; E – LOGIC AND FOUNDATIONS;  
F – PROBABILITY AND STATISTICS; G – TOPOLOGY; H – COMBINATORICS