

## CONTENTS

|                                                                                                                                           |     |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Hiroshi Mikawa: On the sum of a prime and a square .....                                                                                  | 299 |
| Seong-Soo Ahn, Sung-Baik Lee and Young-Jin Suh: On ruled real hyper-surfaces in a complex space form .....                                | 311 |
| F. R. Ruiz del Portal: On a generalized degree for continuous maps between manifolds .....                                                | 323 |
| Lecheng Yang: A characterization of paracompactness of locally Lindelöf spaces .....                                                      | 339 |
| Mitsuteru Kadowaki: The limiting absorption principle for the acoustic wave operators in two unbounded media.....                         | 345 |
| Il Bong Jung and Bok Ja Kim: On dilation theorems of operator algebras..                                                                  | 363 |
| Kazuaki Taira: On the existence of Feller semigroups with Dirichlet condition.....                                                        | 377 |
| Kentaro Mikami and Fumio Narita: Dual Lie algebras of Heisenberg poisson Lie groups .....                                                 | 429 |
| Hiroshi Mikawa: On the intervals between consecutive numbers that are sums of two primes.....                                             | 443 |
| Kumiko Nishioka: Note on a paper by Mahler .....                                                                                          | 455 |
| C. Nastasescu and B. Torrecillas: Graded coalgebras .....                                                                                 | 461 |
| M. K. Aouf and H. M. Hossen: New criteria for meromorphic $p$ -valent starlike functions .....                                            | 481 |
| Hiroshi Mori and Yoshiyuki Watanabe: Characterizations of simply connected complete unitary-symmetric Kaehler manifolds .....             | 487 |
| Koichiro Ikeda: Minimal models of minimal theories .....                                                                                  | 491 |
| Qing-Ming Cheng and Soon Meen Choi: Complete space-like submanifolds with Parallel mean curvature vector of an indefinite space form .... | 497 |
| Makoto Ishibashi: Average order of the divisor functions with negative power weight .....                                                 | 513 |
| Yasushi Yonezawa: The cyclic extensibility of essential components of the fixed point set.....                                            | 537 |
| A. N. Dranisnikov, D. Repovs and E. V. Scepin: On intersections of compacta in Euclidean space: The metastable case .....                 | 549 |
| Hidegori Tanaka: Covering properties in countable products .....                                                                          | 565 |