

## Contents

|                                                                                                                                                |         |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Applications of fuzzy soft sets in ring theory<br>YILDIRAY ÇELİK, CANAN EKİZ, SULTAN YAMAK                                                     | 451–462 |
| Characterization of $\Gamma$ -semigroups in terms of anti fuzzy ideals<br>PAVEL PAL, SAMIT KUMAR MAJUMDER, SUJIT KUMAR SARDAR                  | 463–473 |
| Some properties on the cut sets of intuitionistic fuzzy sets<br>HAN-LIANG HUANG                                                                | 475–481 |
| Intuitionistic fuzzy exponential map via generalized open set<br>R. DHAVASEELAN, E. ROJA, M. K. UMA                                            | 483–491 |
| $L$ -fuzzifying soft topological spaces and $L$ -fuzzifying soft interior operators<br>HU ZHAO, SHENG-GANG LI                                  | 493–503 |
| Construction of normal fuzzy numbers: case studies with stock exchange data<br>DHRUBA DAS, SUPAHI MAHANTA, RITUPARNA CHUTIA, HEMANTA K. BARUAH | 505–514 |
| Ranking method of trapezoidal intuitionistic fuzzy numbers<br>SALIM REZVANI                                                                    | 515–523 |
| Generalized rough sets via ideals<br>A. KANDIL, M. M. YAKOUT, A. ZAKARIA                                                                       | 525–532 |
| Interval-valued intuitionistic fuzzy soft rough sets<br>ANJAN MUKHERJEE, ABHIJIT SAHA                                                          | 533–547 |
| Intuitionistic fuzzy $\mathcal{V}$ basically disconnected spaces<br>R. NARMADA DEVI, E. ROJA, M. K. UMA                                        | 549–558 |
| A new method for functions expansion with using triangular fuzzy numbers<br>SALIM REZVANI                                                      | 559–569 |
| A new view on intuitionistic fuzzy $\mathcal{C}$ structure compactification<br>R. NARMADA DEVI, E. ROJA, M. K. UMA                             | 571–582 |
| Interval-valued fuzzy completely regular subsemigroups of semigroups<br>SUKHENDU KAR, PALTU SARKAR                                             | 583–595 |
| Weakly generalized homeomorphism in intuitionistic fuzzy topological space<br>P. RAJARAJESWARI, R. KRISHNA MOORTHY                             | 597–605 |
| Homology modules of fuzzy soft modules<br>AHMET KUÇUK, TAHA YASIN ÖZTÜRK                                                                       | 607–619 |