

Contents

Cubic finite state machine ASIM HUSSAIN, MUHAMMAD SHABIR	1–10
Decomposition of an intuitionistic fuzzy matrix using implication operators P. MURUGADAS, K. LALITHA	11–18
$(\tilde{\alpha}, \alpha)$ -Cubic new ideal of PU-algebra SAMY M. MOSTAFA, F. I. SIDKY, ALAA ELDIN I. ELKABANY	19–34
Characterizations of near-rings by interval valued (α, β) -Fuzzy ideals N. THILLAIGOVINDAN, V. CHINNADURAI, S. KADALARASI	35–51
Fuzzy e -irresolute mappings on fuzzy topological spaces R. V. M. RANGARAJAN, M. CHANDRASEKHARAN, A. VADIVEL, M. PALANISAMY	53–62
Maximizing a linear objective function subject to a system of min-t equations with a continuous archimedean t-conorm THANGARAJ BEAULA, K. SARASWATHI	63–74
Topological structure of rough set models for binary relations SHANSHAN WANG, ZHAOHAO WANG	75–86
Error estimates for fixed point theorems in fuzzy normed spaces S. A. M. MOHSENIALHOSSEINI	87–95
Clustering using similarity measure SHARMISTHA BHATTACHARYA (HALDER), AMARJIT CHANDA	97–107
On λ -homeomorphism and λ -identification POOJA SINGH, DANIA MASOOD	109–117
Fuzzy n-fold integral and fuzzy n-fold Boolean ideals in BL-algebras AKBAR PAAD	119–133
Rough approximations induced by a soft relation XUEYOU CHEN	135–144
Random fuzzy integral equations of Urysohn- Volterra type DONG. S-LE, VU-H	145–157

On IF-closure spaces vs IF-rough sets
ANUPAM K. SINGH, S. P. TIWARI

159–171