Research Paper Publications of Dr. P.K. Sharma (Department of Mathematics)

1. P.K. Sharma “(α, β)-Cut of Intuitionistic fuzzy groups” International Mathematics Forum, Vol. 6, 2011, no. 53, 2605-2614 with Impact Factor 0.323

2. P.K. Sharma “Homomorphism of Intuitionistic fuzzy groups” International Mathematics Forum, Vol. 6, 2011, no. 64, 3169-3178 with Impact Factor 0.323


63. Amit Sehgal, Sarita Sehgal and P.K. Sharma, Fuzzy Subgroups of a finite Abelian Group $\mathbb{Z}_{p^m} \times \mathbb{Z}_{q^n}$ " accepted for presentation in “The 4th International Fuzzy Systems Symposium”, to be held at the Yildiz Campus of Yildiz Technical University, Istanbul, Turkey on November 5-6, 2015.


68. Amit Sehgal, Sarita Sehgal and P.K. Sharma, The number of fuzzy subgroups of a finite abelian $p$-group $\mathbb{Z}_{p^n} \times \mathbb{Z}_{p^l}$, Advances in Fuzzy Sets and Systems, 21(1) 2016, pp. 49-57.


91. Amit Sehgal, Sarita Sehgal and P.K. Sharma, The number of fuzzy subgroups of a finite abelian p-group $\mathbb{Z}_{p^m} \times \mathbb{Z}_{p^n}$, Advances in Fuzzy Sets and System (Accepted).

92. P.K. Sharma, Chandni, Pushpinder Singh and Manreet Singh “A Recursive formula for the number of intuitionistic fuzzy subgroups of a finite cyclic group” presented in the International Conference on Recent Advances in Fundamental and Applied Sciences (RAFAS-2016) held at LPU, Phagwara from November, 25-26, 2016, page 190.

93. Amit Sehgal, Preeti, P.K. Sharma and Sarita Sehgal, Fuzzy Subgroups of Non-Abelian group $\mathbb{Z}_{p^m} \rtimes \mathbb{Z}_p$ for any prime $p$, presented at the International Conference on Differential Geometry, Algebra and Analysis, from Nov. 15-17, 2016 held at Jamia Millia Islamia, New Delhi-25.

94. Amit Sehgal, Sarita Sehgal, P.K. Sharma, “Characteristic Subgroups of a finite Abelian Group $\mathbb{Z}_n \times \mathbb{Z}_n$”, Journal of Interdisciplinary Mathematics (Submitted)

95. P.K. Sharma, Corrigendum: Anti Fuzzy submodule of a module, Advances in Fuzzy Sets and Systems (Submitted)


100. P.K. Sharma, On Annihilator of Intuitionistic Fuzzy Subsets of modules, (Submitted)