

## References

- [1] Rosenfield, A. "Survey: Image analysis and computer vision." *Computer vision and image understanding* 59.3 (1994): 367-404.
- [2] George.J.Klir, Bo Yuan. *Fuzzy sets and fuzzy logic theory and applications*. New Delhi: Prentice Hall, 2008.
- [3] Haralick R.M., Shapiro L.G. "Survey - Image segmentation techniques." 29 (1985): 100-132.
- [4] G.J.Klir, M.Higashi and. "Measures of uncertainty and information based on possibility distributions." *Int.J.Gen.Syst.* 9 (1983): 43-587.
- [5] B.Kosko, "Fuzzy Entropy and conditioning." *Inform.Sci.* 40 (n.d.): 165-174.
- [6] Dinabandhu Bhandari and Nikhil.R.Pal , "Some new information measures for fuzzy sets." *Information Sciences* 67 (1993): 209-228.
- [7] Jiu-Lun Fan and Weixin Xie, Distance measure and induced fuzzy entropy ,*Fuzzy Sets and System* 104:305-314(1999).
- [8] Bodjanova, Slavka, "Granulation of a fuzzy set: Nonspecificity." *Information Sciences* 177 (2007): 4430-4444.
- [9] James.F.Peters, "Near sets. General theory about nearness of objects." *Applied mathematical sciences* 1.53 (2007): 2609-2629.
- [10] James.F.Peters, Piotr Wasilewski. "Foundations of near sets." *Information Sciences* 179 (2009): 3091-3109.

- [11] Rafael C Gonzalez, Richard E Woods. Digital Image Processing. New Delhi: Pearson, 2008.

## PAPERS PUBLISHED

1. Rogi Jacob, Sunny Kuriakose A., Some new measures of Entropy using Fuzzy Cardinality, International journal of Fuzzy Mathematics, 20(1), (2012).
2. Rogi Jacob, Sunny Kuriakose A., Medical Image Segmentation Using Fuzzy Binary Relation, International Journal of Fuzzy Mathematics & Systems, 2(1), (2012).
3. Rogi Jacob, Sunny Kuriakose A., Divergence measure and its relation to non-specificity of fuzzy sets, International Journal of Fuzzy Mathematics & Systems, 3(1), (2013).
4. Rogi Jacob, Sunny Kuriakose A., Divergence measure and its application to image segmentation using global thresholding, International journal of fuzzy mathematics, 22(3), (2014).
5. Rogi Jacob, Sunny Kuriakose A., Near sets through fuzzy similarity relation, Applied Mathematical Sciences, Vol.8, No 41, 2035-2040, 2014.

Name of Research Scholar: Rogi Jacob    Signature:

Name of Research Supervisor: Dr Sunny Kuriakose A    Signature: