

Image Processing Techniques and Challenges : A Review Paper

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Abstract: *The use of digital imaging techniques has become very popular and is now being used for all kinds of activities in a variety of fields. Image processing helps to identify invisible objects, as well as various techniques that make it faster and less expensive. This paper gives you an overview of various digital image processing techniques and challenges.*

Keywords: Digital Image Processing, Acquisition, Enhancement, Morphological Processing, Segmentation, Object Recognition and Compression, Challenges

REFERENCES

- [1]. Ramadevi, Y., Sridevi, T., Pootnima, B., and Kalyani, B., "Segmentation and Object Recognition using Edge Detection Techniques", International Journal of Computer Science & Information Technology,
- [2]. King-Sun Fu, Azriel Rosenfeld, IEEE Pattern Recognition and Image Processing , VOL. C-25, NO. 12, December 1976
- [3]. Vijayran, S., and Paramjeetsingh., "A Watershed Based Morphological Operator Approach for Image Segmentation", International Journal of Advanced Research in Computer and Communication Engg, vol 2, 2013.
- [4]. N. Gupta and V. K. Banga, "Image Segmentation for Text Extraction," in 2nd International Conference on Electrical, Electronics and Civil Engineering (ICEECE'2012), 2012, pp. 182–185.
- [5]. M. R. Lyu, J. Song, and M. Cai, "A comprehensive method for multilingual video text detection, localization, and extraction," Circuits and Systems for Video Technology, IEEE Transactions on, vol. 15, no. 2, pp. 243–255, 2005
- [6]. K. Akita, "Image sequence analysis of real world human motion," Pattern Recognition, vol. 17, no. 1, pp. 73–83, 1984.
- [7]. Sumithra, S. Buvana, R. Somasundaram, " A survey on various types of image processing techniques", IJERT, ISSN:2278-0181