Abstract

This paper gives the various applications of Super Resolution (SR) in today’s time modern digital image processing. It has been seen that SR implementation results are always increasing the performance of digital image processing techniques. Modern digital communication includes many applications which generate the data in the form of images and videos. Along with the other techniques of processing of images and videos, Super resolution of images has also grown. In the world of powerful processors and advanced display systems, SR has shown its existence and an overview of various applications based on super resolution has been given in this paper.

References

2. M. Liu, J. Huang, M. Gao, and S. Qin, High Performance Super-Resolution
Reconstruction of Multiple Images Based on Fast Registration and Edge Enhancement, Intelligence Science and Big Data Engineering, Springer, 2013.


21. Liangpei Zhang, , Hongyan Zhang, Huanfeng Shen, Pingxiang Lia, A
super-resolution reconstruction algorithm for surveillance images, Volume 90, Issue 3, March
2010, Pages 848–859.
25. http://www.gla.ac.uk/schools/physics/research/groups/imagingconcepts/research_areas/computationalimaging/

Index Terms

Computer Science  Image Processing

Keywords

FMRI, PET, OCT