Abstract

Image fusion procedure is helpful to attain a single output image that contains required data or information by merging two distorted input images. Image fusion is done by pulling out all the necessary information from two images or more than two images after which the extorted information is combined into a distinct fused image. This fused image has improved superiority as compare to the input images. Image fusion is prepared by implementing particular techniques. Those particular schemes for image fusion are introduced in this paper. This paper offers an overview to the work that has been done by in past.

References

2. Cheng-I Chen, “Fusion of PET and MR Brain Images Based on IHS and Log-Gabor...
3. Mehdi Sefidgar Dilmaghani; Sabalan Daneshvar; Mehdy Dousty, “A new MRI and PET image fusion algorithm based on BEMD and HIS methods”, (ICEE), Pp 118-121, 2017
4. Behzad Kalafje Nobariyan; Sabalan Daneshvar; Mehdi Hosseinzadeh, “Fusion of SPECT and MRI images using back and fore ground information”, (MVIP), Pp 227-231, 2013

**Index Terms**

Computer Science

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**Keywords**

Image Fusion, Image Enhancements, Transform Domain, Spatial Domain, Frequency Domain.