Abstract

In this paper, a saras-type image-fusion technique using hybrid SPIHT and SOMA is presented. This method shows fusion of images and can be used for fusion of multi-model images. It is concluded that fusion with advanced single levels offers better fusion quality. This method provides a comparative study between proposed and literature techniques and validation of the projected algorithm using Peak Signal to Noise Ratio (PSNR) and Root Mean Square Error (RMSE).

References


**Index Terms**

Computer Science

Image Processing
Keywords

Saras type image, Set Partitioning in Hierarchical Trees (SPIHT), PSNR, RMSE, SOMA.