A SURVEY OF FUSION TECHNIQUES FOR MULTI-SPECTRAL IMAGES

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This paper discusses various algorithms to the fusion of multi-spectra image. These fusion techniques have a wide variety of applications that range from hospital pathology to battlefield management. Different algorithms in each fusion level, namely data, feature, and decision are compared. The PCT-Based algorithm, which has the characteristic of data compression, is described. The algorithm is experimented on a foliated aerial scene and the fusion result is presented.