

Searching regions of interest on vector local homogeneous scenes

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Abstract

© 2014, Pleiades Publishing, Ltd. A generalized solution of the problem of searching a scene's fragments, called the regions of interest, for the case when a set of spatial superposed images serves as the initial information about the scene, is proposed. A vector homogeneous random field is taken to be the scene model.

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Keywords

multispectral image, object, region of interest, scene, searching for regions of interest, vector local homogeneous scene