

85. AN INTENSITY BASED AUTOMATIC IMAGE REGISTRATION FOR WOUND IMAGE CLASSIFICATION

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A complex image registration issue arising while the dependencies between intensities of images to be registered are not spatially homogeneous is addressed. Image Registration for wound tissue is to find abnormalities between the wound and normal tissues. There are several number of technique to find image registration based on intensity dependencies observed on normal tissues. The registration problem is based on the minimization problem and maximum posteriori estimation problem, It is solved by using gradient descent algorithm. Gradient descent method finds the local minima and deforms it based on elastic deformation and roc region is retrieved. The obtained region's class map is determined and finally it is registered to find the accuracy of the cured region.

Keywords - Image registration, Tissue classification, Class MAP, Gradient descent, wound detection.

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