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(57) Abstract :
The present invention is related to fuzzy based image segmentation method for defect detection in ceramic tiles. The disclosure presents a computer implemented method for detection of defect in ceramic tiles by image processing of the ceramic tiles. The objective of the present invention is to overcomes the inadequacies of the prior art in image segmentation process of the ceramic tiles image for defect identification. The fuzzy set theory and fuzzy logic offer based image segmentation technique is presented in the paper.

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