

The Optimization of Decision Rules in Multimodal Decision-Level Fusion Scheme

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Abstract : This paper introduces an original method of parametric optimization of the structure for multimodal decision-level fusion scheme which combines the results of the partial solution of the classification task obtained from assembly of the monomodal classifiers. As a result, a multimodal fusion classifier which has the minimum value of the total error rate has been obtained.

Keywords : classification accuracy, fusion solution, total error rate, multimodal fusion classifier

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