The influences of distances measures for speaker identification

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ABSTRACT.

This paper is a study which compare statistical features of long term text-independent speaker identification .We compare by statistical methods four distances: the City block, Euclidean, Weighted Euclidean and Mahalanobis distance measures. Experiments confirm our assumption that Weighted Euclidean distance performs better then the other three distances.

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Received: 2.02.2009; In revised form: 05.03.2009; Accepted: 23.05.2009.

2000 Mathematics Subject Classification. 51K05, 68T10.

Key words and phrases. City block distance, Euclidean distance, Weighted Euclidean distance, Mahalanobis distance.