
REVIEW ON SPEAKER VERIFICATION AND SPEAKER IDENTIFICATION

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ABSTRACT

User identification system with the help of voice prints has wide area of applications like forensic applications, telephone networks, banking, security applications etc. Voice of a user is one of the good and reliable biometric features, which can be used to identify the user uniquely. Using voice as biometric feature user verification and user recognition can be carried out. This paper gives a brief review of speaker recognition system in literature, where it is observed that, for user validation and user verification various methodologies are used. They are frequency estimation, hidden Markov models, Gaussian mixture models, pattern matching algorithms, neural networks, matrix representation, Vector Quantization and decision trees.
