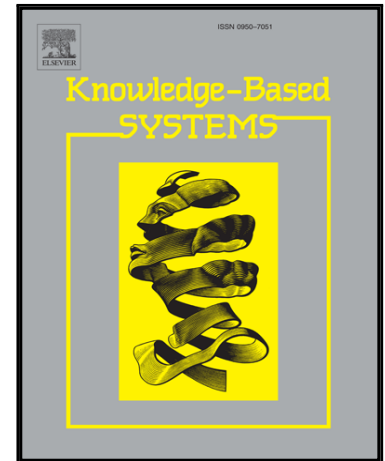


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Frequency spectrograms for biometric keystroke authentication using neural network based classifier

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Highlights

- This paper deals with a novel frequency based authentication method and a Gauss-Newton based Neural Network classifier.
- The purpose of this research is to provide the foundations of frequency authentication to enhance keystroke authentication protocols.
- We presented short time Fourier transform to analyze the train signal of keystrokes.
- We also analyzed the spectrograms to discriminate various signals.
- EER of the proposed feature extraction and classifier is found as 4.1%.

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