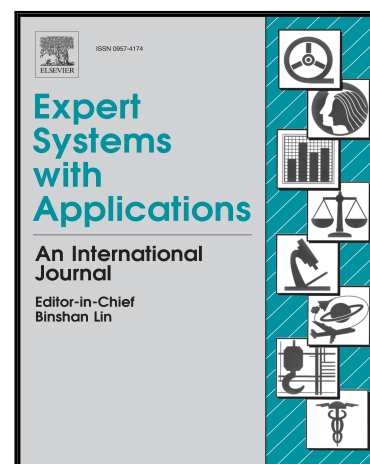


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Windowed electroencephalographic signal classifier based on continuous neural networks with delays in the input

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**Highlights**

- An EEG signal classifier was developed based on a class of TDNN with delays appearing in the input signal
- This characteristic was proposed to take into account the concept of signal windowing
- The capability of a the TDNN to be employed as a EEG signal pattern classifier was tested
- The training process was proposed based on the technique of Lyapunov-Krasovsky stability analysis
- The correct classification of EEG signals attained a 99% of correct classification

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