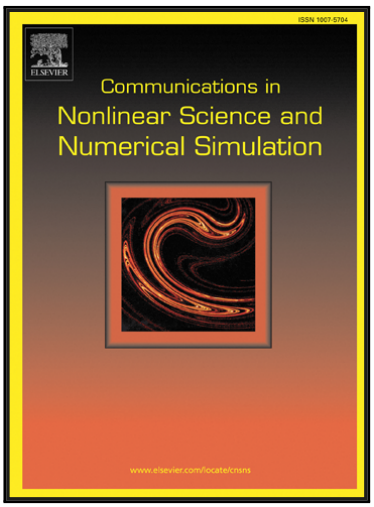

Precise Detection of Speech Endpoints Dynamically: A Wavelet Convolution based approach

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Highlights

- Online detection of speech endpoints with high precision is a difficult problem.
- A unique wavelet transform based approach is proposed as a solution.
- Decomposed speech signals demonstrate interesting patterns at different frequencies.
- Information content and dynamic thresholds also contribute to the segregation rule.
- Precise removal of silence and non-speech artifact apart from process automation.