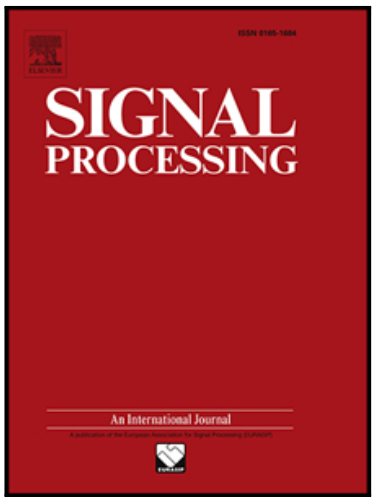

Parameterized Model Based Short-time Chirp Component Decomposition

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Highlights

- A general parameterized model for short-time chirp component is defined.
- A new decomposition method for short-time chirp component is proposed.
- All the instantaneous frequencies, and births and deaths of each component are extracted by once time traversal on a segmented time-frequency pattern.
- The births and deaths of each component are refined by a cross-correlation maximization index.