Accepted Manuscript

Parameterized Model Based Short-time Chirp Component Decomposition

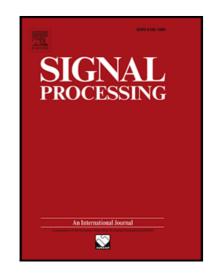
Peng Zhou , $\,$ Xingjian Dong , $\,$ Shiqian Chen , $\,$ Zhike Peng , $\,$ Wenming Zhang

PII: S0165-1684(17)30419-X DOI: 10.1016/j.sigpro.2017.12.007

Reference: SIGPRO 6676

To appear in: Signal Processing

Received date: 23 March 2017
Revised date: 22 November 2017
Accepted date: 4 December 2017



Please cite this article as: Peng Zhou, Xingjian Dong, Shiqian Chen, Zhike Peng, Wenming Zhang, Parameterized Model Based Short-time Chirp Component Decomposition, *Signal Processing* (2017), doi: 10.1016/j.sigpro.2017.12.007

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

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.

Download English Version:

https://daneshyari.com/en/article/6957839

Download Persian Version:

https://daneshyari.com/article/6957839

<u>Daneshyari.com</u>