

MIREX 2016 submission SB7

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ABSTRACT

This extended abstract describes the onset detection submission: *ComplexFlux.2016*.

1. DESCRIPTION

For technical details of the algorithm, please refer to [2].

2. SOURCE CODE

Code of a reference implementation of this algorithm is included in the *madmom* library [1]. It can be found online on GitHub: <http://github.com/CPJKU/madmom>.

3. REFERENCES

- [1] Sebastian Böck, Filip Korzeniowski, Jan Schlüter, Florian Krebs, and Gerhard Widmer. *madmom: a new Python Audio and Music Signal Processing Library*. arXiv:1605.07008, 2016.
- [2] Sebastian Böck and Gerhard Widmer. Local group delay based vibrato and tremolo suppression for onset detection. In *Proceedings of the 14th International Society for Music Information Retrieval Conference (ISMIR 2013)*, pages 589—594, Curitiba, Brazil, 11 2013.