1. Bibliography

1. McCormick, Neil (2009). U2 by U2: Bono, The Edge, Adam Clayton, Larry Mullen Jr (1st It Books ed.). New York: HarperCollins. ISBN 978-0-06-190385-4. OCLC 313657117.

2. Christian Dittmar, Estefanía Cano, Jakob Abeßer, and Sascha Grollmisch, Music Information Retrieval Meets Music Education, DOI: 10.4230/DFU.Vol3.11041.95 (2012)

3. Bass for Dummies, Patrick Pfeiffer.

4. Trinity Rock and Pop Bass Syllabus. Qualification specifications for graded exams from 2018. https://www.trinityrock.com/instruments/bass (2018)

5. J. Salamon and E. Gómez, "Melody extraction from polyphonic music signals using pitch contour characteristics," IEEE Transactions on Audio, Speech, and Language Processing, vol. 20, no. 6, pp. 1759–1770, 2012

6. Jazz Bass Transcription Using a U-Net Architecture by Jakob Abeßer and Meinard Müller.Electronics 2021, 10(6), 670   
[https://doi.org/10.3390/electronics 10060670](https://doi.org/10.3390/electronics%2010060670)

7. J Abeßer, G Schuller. Instrument-centered music transcription of solo bass guitar recordings IEEE/ACM Transactions on Audio, Speech, and Language Processing 25 (9), 1741. DOI: 10.1109/TASLP.2017.2702384 (2017)

8. Abesser, Jakob; Schuller, Gerald. Instrument-Centered Music Transcription of Bass Guitar Tracks, 53rd AES International Conference: Semantic Audio (2014)

9. Prof. Dr.-Ing. Gerald Schuller, Prof. Dr. Meinard Müller, Dr. Tech. Anssi Klapuri, Automatic Transcription of Bass Guitar Tracks applied for Music Genre Classification and Sound Synthesis, urn:nbn:de:gbv:ilm1-2014000294, Dissertation, Technischen Universität Ilmenau.(2014)

10. Trinity Rock and Pop Bass Grades 0,1,2,3. Contemporary & classic songs for Trinity College London Rock & Pop exams from 2018..Trinity College London Press.

11. Phase-based note onset detection for music signals, Juan Pablo Bello, Mark Brian Sandler, Conference Paper in Acoustics, Speech, and Signal Processing, 1988. ICASSP-88., 1988 International Conference on · November 2003 DOI: 10.1109/ASPAA.2003.1285811 · Source: IEEE Xplore

12. On the use of phase and energy for musical onset detection in the complex domain. J.P. Bello; C. Duxbury; M. Davies; M. Sandler, Published in: IEEE Signal Processing Letters ( Volume: 11, Issue: 6, June 2004) Page(s): 553 - 556, Date of Publication: 24 May 2004,Print ISSN: 1070-9908, Electronic ISSN: 1558-2361, INSPEC Accession Number: 7972894 DOI: 10.1109/LSP.2004.827951

13. Conny Kopp-Scheinpflug, James L. Sinclair and Jennifer F. Linden., When Sound Stops: Offset Responses in the Auditory System, Trends in Neurosciences, Special Issue: Time in the Brain (2018)

14 Juan Pablo Bello, Laurent Daudet, Samer Abdallah, Chris Duxbury, Mike Davies, and Mark B. Sandler, Senior Member, IEEE A Tutorial on Onset Detection in Music Signals, IEEE TRANSACTIONS ON SPEECH AND AUDIO PROCESSING, 1063-6676 (2005).

15 Reboursiere, L., L¨ahdeoja, O., Drugman, T., Dupont, S., Picard,C., & Riche, N. (2012). Left and right-hand guitar playing techniques detection, In Proc. Of the Int. Conf. on New Interfaces for Musical Expression (pp. 1–4).

16. Eremenko V, Morsi A, Narang J, Serra X. Performance assessment technologies for the support of musical instrument learning. Paper presented at: CSEDU 2020 The 12th International Conference on Computer Supported Education; (2020)

https://musiccritic.upf.edu/ (2021)

17. Romain Hennequin, Anis Khlif, Felix Voituret, and 171 Manue Moussallam: “Spleeter: a fast and efficient music 172 source separation tool with pre-trained models”, The Jour-173 nal of Open Source Software, DOI:10.21105/joss.02154 174 (2020)

18. Jakob Abeßer; Hanna Lukashevich; Gerald Schuller, Feature-based extraction of plucking and expression styles of the electric bass guitar, IEEE International Conference on Acoustics, Speech and Signal Processing, DOI: 10.1109/ICASSP.2010.5495945 (2010)

19. IDMT Dataset TODO

20. Automatic Tablature Transcription of Electric Guitar Recordings by Estimation of Score-and Instrument-Related Parameters. Authors: Christian Kehling, Jakob Abeßer, Christian Dittmar, Gerald Schuller. Date de publication 2014/9/1, Conférence DAFx, Pages 219-226

21. G. Peeters, "A large set of audio features for sound description (similarity and classification) in the CUIDADO project," CUIDADO I.S.T. Project Report, 2004

Github links

11. Youscian, Oy (2021), Company that provides application for feedback on playing bass. https://yousician.com/

12. Today’s Music Industry, Darko Velichkovski, West Virginia University.  
https://www.coursera.org/learn/music-industry.

13. Scotts Bass Lessons, https://scottsbasslessons.com/ (2021)

16. https://github.com/RamoonRoomeu/AutomaticAssessmentSax

“Homelesss reference”

On the Use of Phase and Energy for Musical Onset

Detection in the Complex Domain

Juan P. Bello, Chris Duxbury, Mike Davies, and Mark Sandler*, Senior Member, IEEE*

Juan Pablo Bello, Laurent Daudet, Samer Abdallah, Chris Duxbury, Mike Davies, and Mark B. Sandler, Senior Member, IEEE A Tutorial on Onset Detection in Music Signals, IEEE TRANSACTIONS ON SPEECH AND AUDIO PROCESSING, 1063-6676 (2005).

SG Salomon, Gomez

Key Words,

FS Frame Size

HS Hop Size

TC Technical Control

TF Technical Focus

YRG Yousician, Rocksmith, Guitar-hero

====================

PRF, the deviation statistics

wotm, yellow, brown, Mean Absolute Error (MAE), Indexed Energy Checker (IEC), Sound Onset Processor (SOP), Archipelagos, Sound Islands