**Sample COM312 Research Papers**

Cover Song Identification

LARGE-SCALE COVER SONG IDENTIFICATION USING CHORD PROFILES

Khadkevich, M. & Omologo, M. (2013)

<http://www.ppgia.pucpr.br/ismir2013/wp-content/uploads/2013/09/67_Paper.pdf>

Chord Recognition

TEMPLATE-BASED CHORD RECOGNITION : INFLUENCE OF THE CHORD TYPES

Oudre, Grenier, Fevotte (2009)

<http://ismir2009.ismir.net/proceedings/PS1-17.pdf>

Genre Classification

EXPLICIT DURATION HIDDEN MARKOV MODELS FOR MULTIPLE-INSTRUMENT POLYPHONIC MUSIC TRANSCRIPTION

Benetos and Weyde (2013)

<http://www.ppgia.pucpr.br/ismir2013/wp-content/uploads/2013/09/117_Paper.pdf>

Tempo and Rhythm

RHYTHMIC PATTERN MODELING FOR BEAT AND DOWNBEAT

TRACKING IN MUSICAL AUDIO

Krebs, Bock, and Widmer (2013)

<http://www.ppgia.pucpr.br/ismir2013/wp-content/uploads/2013/09/51_Paper.pdf>

(Above suggested, otherwise: <http://ismir2012.ismir.net/event/papers/271_ISMIR_2012.pdf>)

Localized Key Finding

LOCALIZED KEY FINDING FROM AUDIO USING NONNEGATIVE MATRIX FACTORIZATION FOR SEGMENTATION

Izmirli (2007)

<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.205.8873&rep=rep1&type=pdf>

Cover Song Identification

LARGE-SCALE COVER SONG RECOGNITION USING THE 2D FOURIER TRANSFORM MAGNITUDE

Bertin-Mahieux, T. & Ellis, D. (2012)

<http://ismir2012.ismir.net/event/papers/241_ISMIR_2012.pdf>

Music Audio Classification

TRANSFER LEARNING IN MIR: SHARING LEARNED LATENT REPRESENTATIONS FOR MUSIC AUDIO CLASSIFICATION AND SIMILARITY

Hamel, Davies, Yoshii and Goto (2013)

<http://www.ppgia.pucpr.br/ismir2013/wp-content/uploads/2013/09/76_Paper.pdf>

(and <http://ismir2004.ismir.net/proceedings/p092-page-505-paper239.pdf>)

Chord Recognition

IMPROVING AUDIO CHORD TRANSCRIPTION BY EXPLOITING HARMONIC AND METRIC KNOWLEDGE  
Haas, Magalhães, Wiering (2012)

<http://ismir2012.ismir.net/event/papers/295_ISMIR_2012.pdf>

Transcription

Automatic Music TRANSCRIPTION: BREAKING THE GLASS CEILING. In Proceedings of the 13th International Society for Music Information Retrieval Conference. Porto, Portugal. October 8-12.

Benetos, E., Dixon, S., Giannoulis, D., Kirchhoff, H. & Klapuri, A. (2012)

<http://ismir2012.ismir.net/event/papers/379_ISMIR_2012.pdf>

Printed Score and Audio Alignment

BRIDGING PRINTED MUSIC AND AUDIO THROUGH

ALIGNMENT USING A MID-LEVEL SCORE

REPRESENTATION

Özgür İzmirli & Gyanendra Sharma (2012)

<https://pdfs.semanticscholar.org/2e51/edd8b2f4b7eb3b2c74e0e02a74abd1c41701.pdf?_ga=2.4799867.937639792.1556212075-1706740031.1556212075>

Voice Identification

AUTOMATIC IDENTIFICATION FOR SINGING STYLE BASED ON SUNG MELODIC CONTOUR CHARACTERIZED IN PHASE PLANE

Kako, T., Ohishi, Y., Kameoka, H., Kashino, K. & Takeda, K. (2009)

<http://ismir2009.ismir.net/proceedings/PS3-1.pdf>

Tonal – Atonal Classification of Audio

TONAL-ATONAL CLASSIFICATION OF MUSIC AUDIO

USING DIFFUSION MAPS

Izmirli (2009)

<http://ismir2009.ismir.net/proceedings/PS4-19.pdf>

Chord Recognition

A DISCRETE MIXTURE MODEL FOR CHORD LABELLING

Matthias Mauch and Simon Dixon

<http://ismir2008.ismir.net/papers/ISMIR2008_214.pdf>

Genre Classification

IMPROVING THE RELIABILITY OF MUSIC GENRE CLASSIFICATION

USING REJECTION AND VERIFICATION

Alessandro L. Koerich (2013)

<http://www.ppgia.pucpr.br/ismir2013/wp-content/uploads/2013/09/214_Paper.pdf>

Genre Classification using ML

Music Genre Classification using Machine Learning Techniques

Hareesh Bahuleyan (2018)

<https://www.researchgate.net/publication/324218667_Music_Genre_Classification_using_Machine_Learning_Techniques>