

Title (en)

A METHOD AND A SYSTEM FOR AUTOMATIC EVALUATION OF DIGITAL FILES

Title (de)

VERFAHREN UND SYSTEM ZUR AUTOMATISCHEN BEURTEILUNG DIGITALER DATEIEN

Title (fr)

PROCÉDÉ ET SYSTÈME POUR L'ÉVALUATION AUTOMATIQUE DE FICHIERS NUMÉRIQUES

Publication

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Application

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Abstract (en)

[origin: WO2008110002A1] There is provided a method for automatic evaluation of target files, comprising the steps of building a database of reference files; for each target file, forming a training set comprising files from the database of reference files and building a test set from features of the target file; dynamically generating a learning model from the training set; and applying the learning model to the test set, whereby a value corresponding to the target file is predicted.

IPC 8 full level

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Citation (search report)

- [I] MANDEL I M ET AL.: "SONG-LEVEL FEATURES AND SUPPORT VECTOR MACHINES FORMUSIC CLASSIFICATION", ISMIR 20056TH INTERNATIONAL CONFERENCE ON MUSIC INFORMATION RETRIEVAL, 11 September 2005 (2005-09-11) - 15 September 2005 (2005-09-15), London, UK, pages 594 - 599, XP002566441, Retrieved from the Internet <URL:http://ismir2005.ismir.net/proceedings/1106.pdf> [retrieved on 20100202]
- [I] CHAKKAPONG NOPTHAISONG ET AL: "Automatic Music Classification and Retrieval: Experiments with Thai Music Collection", INFORMATION AND COMMUNICATION TECHNOLOGY, 2007. ICICT '07. INTERNATIONAL CONFERENCE ON, IEEE, PI, 1 March 2007 (2007-03-01), pages 76 - 81, XP031183515, ISBN: 978-984-32-3394-3
- [I] MADDAGE N C ET AL: "Automatic Music Classification and Summarization", IEEE TRANSACTIONS ON SPEECH AND AUDIO PROCESSING, IEEE SERVICE CENTER, NEW YORK, NY, US, vol. 13, no. 3, 1 May 2005 (2005-05-01), pages 441 - 450, XP011130085, ISSN: 1063-6676
- [A] SCARINGELLA N ET AL, 31 March 2006, IEEE SIGNAL PROCESSING MAGAZINE IEEE USA, VOL. 23, NR. 2, PAGE(S) 133 - 141, ISSN: 1053-5888, XP002566442
- See references of WO 2008110002A1

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