

Title (en)
MACHINE LEARNING FOR TRANSLITERATION

Title (de)
MASCHINELLES LERNEN FÜR TRANSKRIPTION

Title (fr)
APPRENTISSAGE AUTOMATIQUE POUR TRANSLITTÉRATION

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EP 2132657 A1 20091216 (EN)

Application
EP 08731575 A 20080306

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Abstract (en)
[origin: WO2008109769A1] Methods, systems, and apparatus, including computer program products, for performing transliteration between text in different scripts. In one aspect, a method includes generating a transliteration model based on statistical information derived from parallel text having first text in an input script and corresponding second text in an output script; and using the transliteration model to transliterate input characters in the input script to output characters in the output script. In another aspect, a method includes performing word level transliterations. In another aspect, a method includes using an entry-aligned dictionary of source and target script pairs, in which, whenever a particular source word is mapped to multiple target words, the dictionary includes an entry for each target word including the same source word repeated in each entry. In another aspect, a method includes using phonetic scores of words in different scripts to identify corresponding parallel text.

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