AUTOMATIC TRANSCRIPTION AND SUBTITLING
OF SLOVAK BROADCAST NEWS DATA


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Abstract
We have developed a pilot system for automatic transcription and subtitling of broadcast news for the Slovak language, which can further develop into a simple application for daily use by TV news editors, publishing on various news web portals or other users who create e.g. custom video blogs. The pilot system consists of three independent modules designed for offline and online speech transcription and time synchronization of speech with text transcription. The proposed technology allows to streamline or completely replace manual transcription, create fully automated transcriptions and can also be used to index audiovisual content in large television archives. We intend to protect the individual modules of the presented research activity in the near future by utility models.

References

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