

## 7. Списък на научните трудове за участие в конкурса за "доцент" на Александър Илиев Илиев

### Монография:

1. Iliev, A. I., "Emotion Recognition From Speech", Lambert Academic Publishing, 2012, ISBN: 9783847377603

### Публикации:

1. Iliev, A.I., Stanchev, L.P., "Personalizing content using voice in a digital asset ecosystem", IJRSET International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 12, December 2016 – impact factor 6.209 (SJIF)
2. Iliev, A.I., "Emotion Recognition in Speech using Inter-Sentence Time-Domain Statistics", IJRSET International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 3, pp. 3245-3254, March 2016
3. Iliev, A.I., "Feature vectors for emotion recognition in speech", National Informatics Conference, Sofia, Bulgaria, 2016, pp. 225-238
4. Iliev, A.I., Scordilis, M.S., "Spoken Emotion Recognition Using Glottal Symmetry", EURASIP Journal on Advances in Signal Processing, Volume 2011, Article ID 624575
5. Iliev, A.I., Scordilis, M.S., Papa J.P., Falcão A.X., "Spoken emotion recognition through optimum-path forest classification using glottal features", Journal on Computer Speech and Language, ELSEVIER, Vol. 24, Issue 3, 2010, pp. 445-460
6. Iliev, A.I., Scordilis, M.S., "Emotion Recognition in Speech using Inter-Sentence Glottal Statistics", Proceedings of the 15th International Conference on systems, Signals and Image Processing, IEEE-IWSSIP 2008, Bratislava, Slovakia, June 25-28, 2008, pp. 465-468
7. Iliev, A.I., Zhang, Y., Scordilis, M.S., "Spoken Emotion Classification Using ToBI Features and GMM", Proceedings of the 14th International Workshop on Signals and Image Processing 2007 and the 6th EURASIP Conference focused on Speech and Image Processing, Multimedia Communications and Services. IEEE-IWSSIP 2007, Maribor, Slovenia, June 27-30, 2007, pp. 495-498
8. Iliev, A.I., He, X., Scordilis, M.S., "A High Capacity Watermarking Technique for Stereo Audio", Proceedings of the IEEE International Conference on Acoustics Speech and Signal Processing, ICASSP2004, Montreal, Canada, 17-24 May 2004, Vol. 5, pp. 393-396
9. Iliev, A.I., Scordilis, M.S., "Multilevel High Capacity Data Hiding Technique for Stereo Audio", Proceedings of the 2004 IEEE-Asilomar Conference, Pacific Grove, California, November 7-10, 2004, pp. 1793-1797
10. Jin, W., Scordilis, M.S., Iliev, A.I., "Comparison and implementation of a 16-bit fixed point audio resampler", Proceedings of the 2004 IEEE-Asilomar Conference, Pacific Grove, California, November 7-10, 2004, pp. 1798-1800
11. Iliev, A.I., Scordilis, M.S., "Binaural Phase Masking Experiments in Stereo Audio", Proceedings of the First Pan-American/Iberian Meeting on Acoustics, Cancun, Mexico, The Journal of the Acoustical Society of America, Nov.01.2002, Vol.112, Issue 5, pp. 2273-2274

**От представените публикации следните публикации не са представяни за придобиване на образователната и научна степен „доктор“:**

1. [1] Iliev, A.I., Stanchev, L.P., “Personalizing content using voice in a digital asset ecosystem”, IJRSET International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 12, December 2016 – impact factor 6.209 (SJIF)
2. [2] Iliev, A.I., “Emotion Recognition in Speech using Inter-Sentence Time-Domain Statistics”, IJRSET International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 3, pp. 3245-3254, March 2016
3. [3] Iliev, A.I., “Feature vectors for emotion recognition in speech”, National Informatics Conference, Sofia, Bulgaria, 2016, pp. 225-238
4. [4] Iliev, A.I., Scordilis, M.S., “Spoken Emotion Recognition Using Glottal Symmetry”, EURASIP Journal on Advances in Signal Processing, Volume 2011, Article ID 624575
5. [5] Iliev, A.I., Scordilis, M.S., Papa J.P., Falcão A.X., “Spoken emotion recognition through optimum-path forest classification using glottal features”, Journal on Computer Speech and Language, ELSEVIER, Vol. 24, Issue 3, 2010, pp. 445-460

#### **Патенти**

1. Iliev A.I., Scordilis M.S., “Auxiliary channel masking in an audio signal”, U.S. Patent No. 6,996,521 B2, awarded on February 07, 2006.
2. Iliev A.I., Scordilis M.S., Leventhal H., “Coding a Masked Data Channel in a Radio Signal”, U.S. Patent No. 7,079,633 B2, awarded on July 18, 2006.