



Yousef Ajami Alotaibi

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PERSONAL INFORMATION

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Publications: http://scholar.google.ca/citations?user=A_UKvyUAAAAJ&hl=en

EDUCATION

1995-1997:

Ph.D. in Computer Engineering, Florida Institute of Technology, Melbourne, Florida. Majoring in speech recognition. Dissertation topic is "Studying Pharyngeal and Emphatic Sounds in Arabic Speech Recognition." Arabic emphatic and pharyngeal sounds were studied from the speech recognition field point of view. The study concentrated on finding the unique characteristics of these sounds, comparing these sounds to English sounds, and investigating the effect of these sounds on the Arabic speech recognition systems. A complete Arabic speech recognition system was built and tested on Arabic alphabet. Several speech recognition algorithms were investigated and compared in the case of Arabic language.

1992-1994:

MS in Computer Engineering, Florida Institute of Technology. Majoring in speech processing. Designed and implemented an algorithm for speech compression. The algorithms used frequency and Cepstrum domains to extract important signal characteristics that are enough to restore the signal in the decompression process

1983-1988:

BS in Computer Engineering, King Saud University, Riyadh, Saudi Arabia.

EXPERIENCE

Dec 2012- Present:

Professor, Computer Engineering Department, College of computer and information sciences, King Saud University. His currently teaching Signals and Systems (CEN340). Supervising Bachelor graduating projects.

Feb 19, 2016- Jan 2021:

Vice Dean for Graduate Studies and Scientific Research, College of computer and information sciences.

January 2009- November 2012:

Associate professor, Computer Engineering Department, College of computer and information sciences, King Saud University. For now, Courses taught: Digital Speech Processing (Master course CEN547), Seminar in Computer Engineering (CEN591 Master Course), Selected Topics in Computer Engineering (CEN491). Signals and Systems (CEN340). Supervising Bachelor graduating projects.



<u>Sep 1998-2000:</u>	
Al-Khaleej Institute for Training and Electronic Industries, Riyadh, Saudi Arabia, teaching assistance in computer science and engineering major.	
<u>Feb 1998- June 1999:</u>	
National Information Center, Riyadh, Saudi Arabia, working on research and development projects. These projects are digital signal processing and image processing related.	
<u>1988-1992:</u>	
Research and Development Center (RDC), National Information Center, Riyadh, Saudi Arabia. Worked for the RDC for overseas design project contracts as follows:	
<u>Jan 1990-Jul 1991:</u>	
Jetta Computer products Inc., Houston, Texas. In this project, a Digital Signal Processing (DSP) board based on TMS320C25 TI DSP processor and TRW DSP chip was developed, implemented and tested. Digital speech compression theories were designed and implemented using this board. Speech compression ratio of 1:25 was achieved. This system was used for a low cost hand-held transceiver.	
<u>Dec. 1988-Dec.1989:</u>	
ALELM Research and Development Corp., Virginia Beach, Virginia. In this project, a DSP board based on TMS320C25 TI DSP processor was designed. This design was used to run and investigate DSP algorithms, i.e., Fast Fourier Transform (FFT), Inverse FFT, digital filters.	
TAUGHT COURSES	
<u>Undergraduate Courses:</u>	
<ul style="list-style-type: none"> ❖ CEN211/214: Logic design I ❖ CEN212/215: Logic design lab I ❖ CEN313: Logic design and hardware description languages ❖ CEN315: Logic design lab II ❖ CEN321/333/316: Computer architecture I ❖ CEN340: Signals and systems ❖ CEN455: Digital control 	<ul style="list-style-type: none"> ❖ CEN456: Digital control lab ❖ CEN457: Artificial intelligence ❖ CEN460: Digital speech processing ❖ CEN491: Selected topics in computer engineering ❖ CEN492: Graduation project I ❖ CEN493: Graduation project II ❖ CEN496/497: B.Sc. Graduation project I & II
<u>Postgraduate Courses:</u>	
<ul style="list-style-type: none"> ❖ CEN543: Digital signal processing ❖ CEN547/549: Digital speech processing for master level ❖ CEN559: Selected topics in computer engineering for master level. ❖ CEN591: Master Seminar ❖ CEN591: Seminar in computer engineering for master level ❖ CEN592: Mater independent study ❖ CEN645: Digital processing of speech and video. 	



❖ Speech recognition	❖ Artificial neural networks
❖ Arabic language processing	❖ Speech corpora analysis, design, and evaluation
❖ Arabic speech processing	❖ Speaker recognition
❖ IEEE senior member.	❖ Member of Saudi Computer Society
❖ TAU BETA PI Member.	❖ COST Action 2102 member (2009/2010).
❖ Member of ACM	❖ Listed Who's Who Catalog 2010
OTHERS	
❖ Visiting professor, Université de Moncton, Campus de Shippagan, Canada, spring 2007, working with Prof. Sid-Ahmed Selouani. ❖ Visiting professor, University of Stirling, Scotland, UK, summer 2009, works with Prof. Amir Hussain. ❖ Visiting professor, Toyohashi University of Technology, Japan, fall 2010, worked with Tsuneo Nitta. ❖ Reviewed some Springer and Elsevier journal and conference papers ❖ Review for Muhabah student projects, 2010. ❖ KSU Award (the 19 th list) for publishing in an ISI indexed journal. ❖ Research grant supported by KACST (Project No. 28-157)- completely finished and 2 conferences and ISI journal were published. ❖ Research grant supported by KSU NPST (Project No. 10-INF1325-02)- ongoing. ❖ Weekly general article in KSU newspaper.	
PUBLICATIONS	
<u>Corpus:</u>	
❖ Ali Meftah , Yousef Alotaibi , Sid-Ahmed Selouani, “King Saud University Emotions Corpus (KSUEmotions)”, Linguistic Data Consortium (LDC). https://catalog.ldc.upenn.edu/LDC2017S12	
<u>Journals:</u>	
<ol style="list-style-type: none"> 1. Kumar, M. Rupesh, Susmitha Vekkot, S. Lalitha, Deepa Gupta, Varasiddhi Jayasuryaa Govindraj, Kamran Shaukat, Yousef Ajami Alotaibi, and Mohammed Zakariah. 2022. "Dementia Detection from Speech Using Machine Learning and Deep Learning Architectures" Sensors 22, no. 23: 9311. https://doi.org/10.3390/s22239311. 2. Meftah, Ali H., Yousef A. Alotaibi, and Sid-Ahmed Selouani. 2022. "Arabic Emotional Voice Conversion Using English Pre-Trained StarGANv2-VC-Based Model" Applied Sciences 12, no. 23: 12159. https://doi.org/10.3390/app122312159. 3. Alashban, Adal A., Mustafa A. Qamhan, Ali H. Meftah, and Yousef A. Alotaibi. "Spoken Language Identification System Using Convolutional Recurrent Neural Network." Applied Sciences 12, no. 18 (2022): 9181. 	



4. Zakariah, Mohammed, Yousef Ajmi Alotaibi, Yanhui Guo, Kiet Tran-Trung, and Mohammad Mamun Elahi. "An Analytical Study of Speech Pathology Detection Based on MFCC and Deep Neural Networks." *Computational and Mathematical Methods in Medicine* 2022 (2022).
5. Zakariah, Mohammed, Yousef Ajmi Alotaibi, Deepika Koundal, Yanhui Guo, and Mohammad Mamun Elahi. "Sign Language Recognition for Arabic Alphabets Using Transfer Learning Technique." *Computational Intelligence and Neuroscience* 2022 (2022).
6. Srinivas, Chetana, Nandini Prasad KS, Mohammed Zakariah, Yousef Ajmi Alotaibi, Kamran Shaukat, B. Partibane, and Halifa Awal. "Deep Transfer Learning Approaches in Performance Analysis of Brain Tumor Classification Using MRI Images." *Journal of Healthcare Engineering* 2022 (2022).
7. Gopalapillai, Radhakrishnan, Deepa Gupta, Mohammed Zakariah, and Yousef Ajmi Alotaibi. "Convolution-Based Encoding of Depth Images for Transfer Learning in RGB-D Scene Classification." *Sensors* 21, no. 23 (2021): 7950.
8. Qamhan, Mustafa A., Yousef Ajami Alotaibi, Yasser Mohammad Seddiq, Ali Hamid Meftah, and Sid Ahmed Selouani. "Sequence-to-Sequence Acoustic-to-Phonetic Conversion Using Spectrograms and Deep Learning." *IEEE Access* 9 (2021): 80209-80220.
9. Qamhan, Mustafa A., Hamdi Altaheri, Ali Hamid Meftah, Ghulam Muhammad, and Yousef Ajami Alotaibi. "Digital audio forensics: microphone and environment classification using deep learning." *IEEE Access* 9 (2021): 62719-62733.
10. Meftah, Ali Hamid, Mustafa A. Qamhan, Yasser Seddiq, Yousef A. Alotaibi, and Sid Ahmed Selouani. "King Saud University Emotions Corpus: Construction, Analysis, Evaluation, and Comparison." *IEEE Access* 9 (2021): 54201-54219.
11. Asiri, Norah, Ouiem Bchir, Mohamed Maher Ben Ismail, Mohammed Zakariah, and Yousef A. Alotaibi. "Image-based smoke detection using feature mapping and discrimination." *Soft Computing* 25, no. 5 (2021): 3665-3674.
12. Lalitha, S., Deepa Gupta, Mohammed Zakariah, and Yousef Ajami Alotaibi. "Mental Illness Disorder Diagnosis Using Emotion Variation Detection from Continuous English Speech." *CMC-COMPUTERS MATERIALS & CONTINUA* 69, no. 3 (2021): 3217-3238.
13. Babu, Tina, Deepa Gupta, Tripty Singh, Shahin Hameed, Mohammed Zakariah, and Yousef Ajami Alotaibi. "Robust Magnification Independent Colon Biopsy Grading System over Multiple Data Sources." *CMC-COMPUTERS MATERIALS & CONTINUA* 69, no. 1 (2021): 99-128.



14. Lalitha, S., Deepa Gupta, Mohammed Zakariah, and Yousef Ajami Alotaibi. "Investigation of multilingual and mixed-lingual emotion recognition using enhanced cues with data augmentation." *Applied Acoustics* 170 (2020): 107519.
15. Padmini, Palli, Deepa Gupta, Mohammed Zakariah, Yousef Ajami Alotaibi, and Kaustav Bhowmick. "A Simple Speech Production System Based on Formant Estimation of a Tongue Articulatory System using Human Tongue Orientation." *IEEE Access* (2020).
16. Meftah, Ali Hamid, Hassan Mathkour, Said Kerrache, and Yousef Ajami Alotaibi. "Speaker identification in different emotional states in Arabic and English." *IEEE Access* 8 (2020): 60070-60083.
17. Ibrahim, Ahmed B., Yasser Mohammad Seddiq, Ali Hamid Meftah, Mansour Alghamdi, Sid-Ahmed Selouani, Mustafa A. Qamhan, Yousef A. Alotaibi, and Saleh A. Alshebeili. "Optimizing Arabic Speech Distinctive Phonetic Features and Phoneme Recognition Using Genetic Algorithm." *IEEE Access* 8 (2020): 200395-200411.
18. Asiri, Norah, Ouiem Bchir, Mohamed Maher Ben Ismail, Mohammed Zakariah, and Yousef A. Alotaibi. "Image-based smoke detection using feature mapping and discrimination." *Soft Computing* (2020): 1-10.
19. Padmini, Palli, Deepa Gupta, Mohammed Zakariah, Yousef Ajami Alotaibi, and Kaustav Bhowmick. "A simple speech production system based on formant estimation of a tongue articulatory system using human tongue orientation." *IEEE Access* 9 (2020): 4688-4710.
20. Yousef Alotaibi, Sid-Ahmed Selouani, Mohammed Sidi Yakoub, Yasser Seddiq, and Ali Meftah, "A Canonicalization of Distinctive Phonetic Features to Improve Arabic Speech Recognition" *Acta Acustica united with Acustica*, 2019 Nov 1;105(6):1269-77.
21. Mustafa A Qamhan, Ammar A Qamhan, Ibrahim M Al-Harkan, Yousef A Alotaibi, "Mathematical Modeling and Discrete Firefly Algorithm to Optimize Scheduling Problem with Release Date, Sequence-Dependent Setup Time, and Periodic Maintenance", *Mathematical Problems in Engineering*, Volume 2019, Article ID 8028759, 16 pages, 2019.
22. Md Saiful Islam, Mohamed Maher Ben Ismail, Ouiem Bchir, Mohammed Zakariah, Yousef Ajami Alotaibi "Robust Detection of Atrial Fibrillation Using Classification of a Linearly-Transformed Window of RR Intervals Tachogram" *IEEE Access journal*, Vol. 7, pp. 110012-110022, Aug 2019.
23. Yasser Seddiq, Yousef Alotaibi, Sid-Ahmed Selouani, and Ali Meftah, "Distinctive Phonetic Features Modeling and Extraction using Deep Neural Networks", *IEEE Access journal*, Vol. 7, pp. 81382-81396, Jun 2019



24. Y. Seddiq, Y. A. Alotaibi, S. Selouani and A. H. Meftah, "Distinctive Phonetic Features Modeling and Extraction Using Deep Neural Networks," in IEEE Access, vol. 7, pp. 81382-81396, 2019, doi: 10.1109/ACCESS.2019.2924014.
25. Susmitha Vekkot, Deepa Gupta, Mohammed Zakariah, Yousef Ajami Alotaibi, "Hybrid framework for speaker-independent emotion conversion using i-vector PLDA and neural network", IEEE Access journal, Vol. 7, pp 81883-81902, Jun 2019.
26. S. Vekkot, D. Gupta, M. Zakariah and Y. A. Alotaibi, "Hybrid Framework for Speaker-Independent Emotion Conversion Using i-Vector PLDA and Neural Network," in IEEE Access, vol. 7, pp. 81883-81902, 2019, doi: 10.1109/ACCESS.2019.2923003.
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28. Zakariah, M.; Khan, S.; Chaudhary, A.A.; Rolfo, C.; Ben Ismail, M.M.; Alotaibi, Y.A. To Decipher the Mycoplasma hominis Proteins Targeting into the Endoplasmic Reticulum and Their Implications in Prostate Cancer Etiology Using Next-Generation Sequencing Data. Molecules 2018, 23, 994.
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30. Ghania Droua-Hamdani, Sid-Ahmed Selouani, Yousef A. Alotaibi, Malika Boudraa, Analysis of rhythm speech in L1 and L2 Arabic, Arabian Journal for Science and Engineering.
31. Sid Ahmed Selouani, Yousef A Alotaibi, Cichocki Wladyslaw, Soumaya Gharssallaoui, Kamil Kadi, "Native and non-native class discrimination using speech rhythm- and auditory-based cues", Journal of Computer Speech and Language, Vol. 31, Issue 1, May 2015, pp. 28–48. (ISI Indexed)
32. Yousef Alotaibi, Ali Meftah, "Review of distinctive phonetic features and the Arabic share in related modern research", Turkish Journal of Electrical Engineering & Computer Sciences, 2013, Vol. 21 Issue 5, pp.1426-1439. ISI Indexed).
33. Soumaya Gharsellaoui, Adel Omar Dahmane, Yousef Alotaibi, Sid Ahmed Selouani, Alaidine Ben Ayed, and Yacine Benahmed, "A Rhythm-Based Analysis of Arabic Native and Non-Native Speaking Styles," International Journal of Signal Processing Systems, Vol. 1, No. 2, pp. 202-207, December 2013. doi: 10.12720/ijsp.1.2.202-207.



34. Sid-Ahmed Selouani¹, Yousef Ajami Alotaibi, "Adaptation To Non-Native Speech Using Evolutionary-Based Discriminative Linear Transforms", The International Scientific Journal Engineering Applications of Artificial Intelligence, Volume 26 Issue 2, February, 2013, pp.899-904 (ISI Indexed).
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36. Yousef Ajami Alotaibi, Mansour Alghamdi, Fahad Alotaiby, "Speech Recognition System of Arabic Alphabet based on a Telephony Arabic Corpus", The International Conference on Image and Signal Processing 2010 (ICISP 2010), June 30 - July 2, Trois-Rivières, Québec, Canada, Springer-Verlag LNCS Book 5707, pp. 170–177, Berlin Heidelberg 2010
37. Yousef Ajami Alotaibi and Amir Hussain "Comparative Analysis of Arabic Vowels using Formants and an Automatic Speech Recognition System", International Journal of Signal Processing, Image Processing and Pattern Recognition (IJSIP), pp. 11-21, Vol. 3, No. 2, June, 2010.
38. Yousef Ajami Alotaibi and Mohammed Ghulam, "Study on Pharyngeal and Uvular Consonants in Foreign Accented Arabic for ASR", Computer Speech and Language, Elsevier Science, pp. 219-231, Volume 24, Number 2, April 2010 (ISI Indexed).
39. Mansour Alsulaiman, Youssef Alotaibi, Muhammad Ghulam, Mohamed A. Bencherif and Awais Mahmoud, "Arabic Speaker Recognition: Babylon Levantine Subset Case Study", Journal of Computer Science 6 (4): 381-385, 2010.
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41. Yousef Ajami Alotaibi, Sid-Ahmed Selouani, Wladyslaw Cichocki, "Investigating Emphatic Consonants in Foreign Accented Arabic", Journal of King Saud University (Computer and Information Sciences Division), Vol. 21, pp. 13-25, 2009.
42. Yousef Ajami Alotaibi and Amir Hussain, "Formant Based Analysis of Spoken Arabic Vowels", J. Fierrez et al. (Eds.): BioID_MultiComm2009, Springer-Verlag LNCS Book 5707, pp. 170–177, Berlin Heidelberg 2009
43. Yousef Ajami Alotaibi, "A Simple Time Alignment Algorithm for Spoken Arabic Digit Recognition", Journal of King Abdulaziz University: Engineering Sciences Vol. 20 No. 1, pp: 29-43, 2009 A.D. / 1430 A. H.



44. Yousef Alotaibi and Sid-Ahmed Selouani, "Evaluating MSA WestPoint Speech Corpus", The International Journal of Computer Processing Of Languages (IJCPO), pp. 285-304, Vol. 22, No. 4 (2009)
45. Alsulaiman M., Alotaibi Y., Mahmood A., Bencherif M. A., Muhammad G."Survey of Arabic Speaker Recognition". Research report, College of Computer and Information Sciences, King Saud University, Saudi Arabia, 2009.
46. Alsulaiman, A. Mahmood, Y. Alotaibi and M. A. Bencherif , "Review of Arabic Speaker Recognition", Al-Azhar University Engineering journal, JAUES. Vol. 3, No. 17, Dec. 2008, pp: 419-429.
47. Yousef Ajami Alotaibi, Sid-Ahmed Selouani, and Douglas O'Shaughnessy, "Experiments on Automatic Recognition of Nonnative Arabic Speech," EURASIP Journal on Audio, Speech, and Music Processing, vol. 2008, Article ID 679831, 9 pages, 2008. doi:10.1155/2008/679831 (ISI indexed).
48. Yousef Ajami Alotaibi, "Automatic Recognition, Investigation, and Analysis of the Spoken Arabic Alphabet", Egyptian Computer Society Journal, Vol.30, No. 2, May 2008.
49. Yousef Alotaibi and Sid-Ahmed Selouani, "Experiments on Adaptation to Non-Native Arabic Accent in Automatic Speech Recognition", Journal of Saudi Computer Society, Applied Computing and Information, Volume 2008, January 2008.
50. Yousef Ajami Alotaibi, "Comparative Study of ANN and HMM to Arabic Digits Recognition Systems", Journal of King Abdulaziz University: Engineering Sciences, Vol. 19 No. 1, pp: 43-60, 2008 A.D. / 1429 A. H.
51. Yousef Ajami Alotaibi, "Investigating Spoken Arabic Digits in Speech Recognition Setting," Information Sciences Journal, vol. 173 (June 2005), pp. 115-139 (ISI indexed).
52. Yousef Ajami Alotaibi, "Speech Recognition," IEEE Potentials Magazine, Vol. 17, pp. 23-28, Feb/Mar 1998.

Conferences:

1. Alashban, Adal A., and Yousef A. Alotaibi. "Language Effect on Speaker Gender Classification Using Deep Learning." In 2022 2nd International Conference on Artificial Intelligence and Signal Processing (AISP), pp. 1-6. IEEE, 2022.
2. Alharbi, Yasser F., and Yousef A. Alotaibi. "The Correlate of Emotion and Gender Classification Using EEG Signals." In 2021 IEEE 6th International Conference on Signal and Image Processing (ICSIP), pp. 790-794. IEEE, 2021.
3. Moy, Valentin, Mohammed Sidi Yakoub, Sid Ahmed Selouani, Yasser Alharbi, and Yousef A. Alotaibi. "Classification of the Neural Correlates of Mind



- Wandering States in EEG Signals." In 2021 44th International Conference on Telecommunications and Signal Processing (TSP), pp. 126-129. IEEE, 2021.
4. Alashban, Adal A., and Yousef A. Alotaibi. "Speaker Gender Classification in Mono-Language and Cross-Language Using BLSTM Network." In 2021 44th International Conference on Telecommunications and Signal Processing (TSP), pp. 66-71. IEEE, 2021.
 5. Sandouka, Soha B., and Yousef A. Alotaibi. "Extended Rhythm-Based Investigation of Saudi Dialects Using the Saudi Accented Arabic Voice Bank Corpus." In 2020 International Conference on Communications, Signal Processing, and their Applications (ICCSPA), pp. 1-5. IEEE, 2021.
 6. Ali Meftah, Hassan Mathkour, Mustafa Qamhan, Yousef Alotaibi, "Speaker Identification in Different Emotional States", 12th IEEE/IET International Symposium on Communication Systems, Networks and Digital Signal Processing- CSNDSP 2020.
 7. Soha Sandouka, Yousef Alotaibi, "Extended Rhythm-Based investigation of Saudi Dialects Using the Saudi Accented Arabic Voice Bank Corpus" International Conference on Communications, Signal Processing and their Applications (ICCSPA '20), Sharjah, United Arab of Emirates April 12-14th, 2020.
 8. Mustafa Qamhan, Ali Meftah, Mohammad Zakariah, Sid-Ahmed Selouani, Yousef Alotaibi, Yasser Mohammad Seddiq "Speech Emotion Recognition using Convolutional Recurrent Neural Networks and Spectrograms", The 33rd Canadian Conference of Electrical and Computer Engineering. London, Ontario, Canada - April 26-29, 2020, Accepted
 9. Ali Meftah, Yousef Alotaibi, "Identification of Nasalization (Ghunnah) in Classical Arabic Dialect Using ANN", UKSim-AMSS 22nd International Conference on Modelling & Simulation, Cambridge University (Emmanuel College), 25 - 27 March 2020.
 10. Ali Meftah, Mustafa Qamhan, Yousef Alotaibi, Mohammad Zakariah, "Arabic Speech Emotion Recognition Using KNN and KSUEmotions Corpus", UKSim-AMSS 22nd International Conference on Modelling & Simulation, Cambridge University (Emmanuel College), 25 - 27 March 2020, Accepted
 11. Ali Meftah, Mustafa Qamhan, Yousef Alotaibi, and Sid-Ahmed Selouani, "Emotional Speech Recognition Using Rhythm Metrics and A New Arabic Corpus", the 16th IEEE Colloquium on Signal Processing and its Applications (CSPA 2020). Langkawi Island, Malaysia on 28th to 29th February 2020.
 12. F. M. Aloqayli and Y. A. Alotaibi, "Spoken Arabic Vowel Recognition Using ANN," 2017 European Modelling Symposium (EMS), Manchester, 2017, pp. 78-83, doi: 10.1109/EMS.2017.24.



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14. Yousef Alotaibi, Yasser Seddiq, Ali Meftah, Sid-Ahmed Selouani, Mohammed Sidi Yakoub, A New Look at the Automatic Mapping Between Arabic Distinctive Phonetic Features and Acoustic Cues, Yousef Alotaibi, King Saud University, Saudi Arabia; Yasser Seddiq, The 40th International Conference on Telecommunications and Signal Processing (TSP), July 5-7, 2017, Barcelona, Spain.
15. Yousef A. Alotaibi, Ali Meftah, Sid-Ahmed Selouani, "Classical Arabic Phoneme Contextual Analysis Using HMM Classifiers", The 16th IEEE International Symposium on Signal Processing and Information Technology ISSPIT 2016), Dec. 12-14, 2016, Limassol, Cyprus.
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17. Ali Meftah, Yousef Alotaibi, Sid-Ahmed Selouani, "A comparative Study to Different Speech Features for Arabic Phonemes Classification UKSim-AMSS 10th European Modelling Symposium on Mathematical Modelling and Computer Simulation (EMS 2016), Nov 28-29, 2016, Pisa, Italy.
18. Yasser M. Seddiq, Ali H. Meftah, Mansour M. Alghamdi, and Yousef A. Alotaibi, "Reintroducing KAPD as Dataset for Machine Learning and Data Mining Applications", UKSim-AMSS 10th European Modelling Symposium on Mathematical Modelling and Computer Simulation (EMS 2016), Nov 28-29, 2016, Pisa, Italy.
19. Yousef A. Alotaibi, Mohammed Sidi Yakoub, Ali Meftah, Sid-Ahmed Selouani, "Duration Modeling in Automatic Recited Speech Recognition", The 2016 39th International Conference on Telecommunications and Signal Processing (TSP), June 27-29, 2016, Vienna, Austria.
20. Yousef A. Alotaibi, Yasser M. Seddiq¹, Ali H. Meftah, Sid-Ahmed Selouani, and Mansour M. Alghamdi, "Distinctive Phonetic Features of Arabic Dialects: A Comparative Study", The 17th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing 2016), April 3-9, 2016, Konya, Turkey.
21. Ali H. Meftah , Yousef A Alotaibi ,Sid-Ahmed Selouani, Arabic speaker emotion classification using rhythm metrics and neural networks, The 2015 European Signal Processing Conference (EUSIPCO 2015) is the 23rd of its kind organized by the European Association for Signal Processing, 31st Aug-4th Sept 2015, Nice, France.



22. Yousef A. Alotaibi, Yasser M. Seddiq, "Mapping Arabic Acoustic Parameters to Their Articulatory Features Using Neural Networks", The 2015 Signal Processing and SP Education Workshop (formerly known as the DSP/DSP Education Workshop), August 9 – 12, 2015, Snowbird, UT, USA.
23. Yasser M. Seddiq, Yousef A. Alotaibi, Sid-Ahmed Selouani, Frame Distance Array Algorithm Parameter Tune-up for TIMIT Corpus Automatic Speech Segmentation, 2015 IEEE International Conference on Electro/Information Technology (EIT), 21 May - 23 May 2015, Dekalb, IL, USA.
24. Yasser M. Seddiq, Yousef Alotaibi and Sid-Ahmed Selouani, "Classification of Emphatic Consonants and Their Counterparts in Modern Standard Arabic Using Neural Networks", The IEEE International Symposium on Signal Processing and Information Technology, ISSPIT 2014, pp. xx-xx, Dec. 15-17, 2014, Noida, India.
25. Ali Meftah, Yousef Alotaibi and Sid-Ahmed Selouani, "Preliminary Arabic Speech Emotion Classification", The IEEE International Symposium on Signal Processing and Information Technology, ISSPIT 2014, pp. xx-xx, Dec. 15-17, 2014, Noida, India.
26. Ali Meftah, Yousef Alotaibi and Sid-Ahmed Selouani, "Designing, Building, and Analyzing an Arabic Speech Emotional Corpus: Phase 2", The 5th International Conference on Arabic Language Processing (CITALA 2014) Nov. 26th – 27th 2014, Oujda, Morocco.
27. A. H. Meftah, Y. Alotaibi and S. Selouani, "Investigating Arabic Speakers' Emotions Using Speech Rhythm Metrics," 2017 European Modelling Symposium (EMS), Manchester, 2017, pp. 73-77, doi: 10.1109/EMS.2017.23.
28. Yousef A. Alotaibi, Ali H. Meftah, Sid-Ahmed Selouani, Yasser M. Seddiq, "Speaker Environment Classification Using Rhythm Metrics in Levantine Arabic Dialect", 9th IEEE/IET International Symposium on Communication Systems, Network & Digital Signal Processing (CSNDSP'14) 23-25 July 2014, Manchester Metropolitan University, Manchester, U.K.
29. Yousef A. Alotaibi, Ali H. Meftah, Sid-Ahmed Selouani, "Investigating the Impact of Phonetic Cross Language Modeling on Arabic and English Speech Recognition", 9th IEEE/IET International Symposium on Communication Systems, Network & Digital Signal Processing (CSNDSP'14) 23-25 July 2014, Manchester Metropolitan University, Manchester, U.K.
30. Ghania Droua-Hamdani, Sid-Ahmed Selouani and Yousef A. Alotaibi, "Rhythm analysis in Arabic L2 speech", The 7th Speech Prosody Conference, May 20-23, 2014, Dublin, Ireland.
31. Ghania Droua-Hamdani, Yousef A. Alotaibi, Si-Ahmed Sellouani, and Malika Boudraa, "Rhythmic Features across Modern Standard Arabic and Arabic Dialects", The 9th edition of the Language Resources and Evaluation Conference (LREC2014), OSACT Workshop, May 26-31, Reykjavik, Iceland.



32. Ali Meftah, Yousef Alotaibi, Sid-Ahmed Selouani, "Designing, building, and analyzing an Arabic speech emotional corpus", The 9th edition of the Language Resources and Evaluation Conference (LREC2014), OSACT Workshop, May 26-31, Reykjavik, Iceland.
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