

Name : Hassan Mohammad Ahmad

Position: Teacher / full time

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Academic Information

Academic Qualification	:	Ph.D. in technical science / Computers
Major	:	Computer & systems design engineering; System analysis & Management & information processing.
Specialization	:	Digital signal processing (Voice & Speech)
University	:	Vladimir State University
Country	:	Russian Federation
Graduation Year	:	2008
Academic Rank	:	Teacher

Teaching Subjects

- Digital signal processing
- Signals & Systems
- Electrical circuits 1+2
- Electronic circuits 1+2
- Electronic fundamentals
- Electrical & Electronic circuits
- Computer skills
- Communication skills
- Project management
- Marketing
- Organization management

Another Specialization Subjects

- Computer Organization and Architecture
- Random signal processing
- Pattern & Image processing
- Matlab
- Biometric systems

Academic and Administrative positions

- Head of department of computer engineering & fundamental sciences / Syrian International Private University for Sciences & Technology 2010-2011
- Head of Digital signal processing lab. / Vladimir State University 2007-2009

Books & Published Researches

Text Book

- Electric circuits-DC circuits. SPU, 2016.
- Introduction to digital speech signal processing: Tutorial. Russian, VSU publishing company, 2008. – 192 p. – ISBN 5-89368-751-5.

Papers–Journals

- The text-independent method of person voice identification. Al-Baath University Journal, Syria. T.38, 2016.
- Extraction of the most informative characteristics of a speech signal//Bulletin TSTU. T.14, №1. Tambov –Russia. 2008. pp. 19-31. ISSN 0136-5835.
- Search Optimize algorithm of minimum least path for symmetric Dynamic Time Warping in speaker recognition tasks//Bulletin TSTU. T.14, №1. Tambov –Russia. 2008. pp. 19-31. ISSN 0136-5835.
- Speaker identification system by samples code book- building of speech//Bulletin TSTU. T.14, №1. Tambov –Russia. 2008. pp. 19-31. ISSN 0136-5835.
- Start /end detection of the speech in a wave signal using its magnitude//Bulletin TSTU. T. 13, №2A. 2007. pp 449-451. ISSN 0136-5835
- Pitch determination in a speech signal using product harmonic spectrum method//Bulletin TSTU. T. 13, №3. – Tambov –Russia 2007. pp 712-714. ISSN 0136-5835
- Comparative research of various methods efficiency of speech signal's cepstrum description in recognition tasks//Bulletin TSTU T. 13, №4. – Tambov –Russia 2007 887-891. ISSN 0136-5835
- Codebook modeling in speaker verification/identification task solution // 8-th international conference “pattern recognition and image analysis: new information technologies” (PRIA-8-2008): Conference Proceedings. Vol. 2. – Yoshkar-Ola, 2007. p. 223-227. ISBN 978-5-8158-0579-8.
- Speech signal parametrical representation for speaker recognition tasks. Mel -

frequency cepstrum coefficients application //Mathematical methods in the technique and technologies. MMTT-20/ 20-th international conference. Yaraslovel –Russia. 2007. – pp 66-68. ISBN 5-230-20703-5.

Conferences Participation

- Workshop: evolution of mobile communication systems and the migration to 4G. Damascus, March 16-18, 2015 - Faculty of Mechanical and Electrical Engineering.
- 21-th international conference –MMTT-21. Yaraslovel –Russia. 2008.
- 8-th international conference – PRIA -8. Yoshkar-Ola –Russia. 2007.
- 20-th international conference –MMTT-20. Yaraslovel –Russia. 2007.
- 8-th international conference – DSPA -8. Moscow –Russia.2006.

Scientific & Academic Awards

Languages

- Arabic – First mother Language
- Russian –Second mother Language
- English – Foreign Language