

Curriculum Vitae

1. Profile:

Name: Nadhir Ibrahim Abdulkhaleq

Birthday : 7 / 6 / 1966 – Baghdad - Iraq

Marital state : Married

Job : Lecturer in Department of Electronic Techniques – Institute of Technology - Baghdad – Middle Technical University

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2. Qualifications:

- **PhD. In Electronic and Communication Engineering**
 - ❖ Cankaya University- Graduate School of Natural and Applied Science- Department of Electronic and Communication Engineering- Turkey.
 - ❖ Thesis title" DESIGN OF HIGH PERFORMANCE LOW LATENCY RATELESS CODES"
 - ❖ (2013-2017)
- **M.Sc. In Electrical Engineering** – Communications and Radar ,
 - ❖ Al-Rasheed College (the former Military College of Engineering) – University of Technology , Baghdad- Iraq ,
 - ❖ Thesis title “ Improving The Resolution of The Airborne Radar “ ,
 - ❖ (1993-1995)
- **B.Sc. in Electrical Engineering** ,
 - ❖ Military Technical College , Cairo-Egypt ,
 - ❖ Final year average “Very good with honor”.
 - ❖ (1985-1990).

3. Publication :

1. **Ihsan Jabbar Hasan, Nahla Abdul Jalil Salih, Nadhir Ibrahim Abdulkhaleq, Mohannad Jabbar Mnati,** " An Android smart application for an Arduino based local meteorological data recording", accepted paper for ICSET 2019 conf. (to be published in IOP journal)
2. **Nahla Abdul Jalil Salih, Ihsan Jabbar Hasan, Nadhir Ibrahim Abdulkhaleq,** "Design and implementation of a smart monitoring system for water quality of fish farms", IJEECS (to be on line as Vol. 14, No. 1, April 2019, pp. 45~52).
3. **Nadhir Ibrahim Abdulkhaleq, Ihsan Jabbar Hasan, Nahla Abdul Jalil Salih** " Mitigation of Packet Erasure using New Fountain Code Design", IMCET 2018 IEEE conference on 4–6 April in Beirut , Lebanon.
4. **Nadhir Ibrahim Abdulkhaleq,** " Time-Hopping Encoding Scheme for Finite length Fountain Codes" accepted paper for AI – Yarmouk Journal 2018.
5. **Abdulkhaleq, N. I., Gazi, O.** "Decoding of LT–Like Codes in the Absence of Degree–One Code Symbols" ETRI Journal, 2016, 38(5): 896–902.
6. **Nadhir Ibrahim Abdulkhaleq, Orhan Gazi.** " A sequential coding approach for short length LT codes over AWGN channel," Electrical and Electronic Engineering (ICEEE), 2017 4th International Conference on (8–10 April 2017), Ankara–Turkey.
7. **NADHIR I ABDULKHALEQ, ORHAN GAZI,** " NEW DETERMINISTIC ENCODING–SOFT DECODING APPROACH FOR SHORT LENGTH LT CODES OVER AN AWGN CHANNEL", Ciencia e Tecnica Vitivinicola Journal, Vol. 32 ,no 6, 2017.
8. **Nadhir I. Abdulkhaleq** " *A modified UWB PRake Receiver using multi-comparators* " , Al–Taani Journal , 2011.

9. Natiq A.Ali , Nadhir I. Abdulkhaleq & Nagham E. Hanna

"A Flexible Adaptive Coding/Interleaving Model for SDR", Engineering and Development Journal – Engineering College ,Al Mustanseriya University, 2010

10. Natiq A.Ali , Nadhir I. Abdulkhaleq & Nagham E. Hanna

" The Reverse Link Capacity of WCDMA Cellular System By using repeater " , Al Taqani Journal ,Vol. 21, No.1 , 2008

4. Experience:

- Supervising many final year projects for Institute of technology students in Electronic and communication engineering
- Participate in many projects for renewing the electronic and communication courses.
- Participate as a Committee member for MSc. Thesis exam.
- Reviewer in several springer and Scopus journals (Wireless networks journal, ETRI journal, Telecommunications journal and China communication journal)
- More than 20 years in teaching several electronic and communication engineering for both Institutes and colleges.

Note

All the above are documented and present them on demand.