



CURRICULUM VITAE

Dr. Maher A. Nabulsi

Department of Computer Science

Faculty of Science and Information Technology,

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1. Personal Data

Date of Birth: 17 /12 / 1962

Nationality: Jordanian

2. Education

- Ph.D. (Automatic control Engineering) 1993, Bitruspurg technical university, Lineengrad, Russia
- M.Sc. (Computer Engineering) 1989, Polytechnical Institute, Azerbaijan, Russia
- B.Sc. (Computer Engineering) 1989, Polytechnical Institute, Azerbaijan, Russia

3. Ph.D. Dissertation

"Investigation of dynamics and synthesis of automatic control system by robot with cylindrical coordinates", Bitruspurg technical university, Lineengrad, Russia.



4. Employment

Academic Positions

- Associate Professor, Department of Computer Science, Al-Zaytoonah University of Jordan, Amman, Jordan
August 2014 – Now
- Assistant Professor, Department of Computer Science, Al-Zaytoonah University of Jordan, Amman, Jordan
September 1993 - August 2014

Administrative Positions

- Chairman of Computer Science Department, Faculty of Science, Al-Zaytoonah University of Jordan, Amman, Jordan – September 1998-August 1999
- Coordinator of Computer Science Department, Faculty of Science, Al-Zaytoonah University of Jordan, Amman, Jordan –September 1993-August 1998

5. Research Interests

Computer Architecture, Logic Design, Discrete Mathematics, Microprogramming, Automatic control, Robotics, and others.

6. Teaching Experience

- *Undergraduate Courses*
 1. Discrete Mathematics
 2. Digital Logic Design
 3. Computer organization
 4. Assembly Language Programming
 5. Computer Architecture
 6. Microprocessors
 7. Embedded Systems



7. Membership of Committees

- **University**

- Member of the Examinations and Evaluation Committee in the Department of Computer Science / Faculty of Science and IT (2018-2023).
- Member of the Graduate Studies Committee in the Department of Computer Science / Faculty of Science and IT (2017-2018).
- Member of the Appointment and Promotion Committee in the Department of Computer Science / Faculty of Science and IT (2016-2017).
- Member of Equation, Guidance, Training & Graduates Follow-up Committee in the Department of Computer Science / Faculty of Science and IT (2015-2016).
- Member of Quality Assurance Committee at the Faculty of Science and IT (2014-2015).

8. Professional and Scientific Meetings

Scientific Meetings Organized

- Participation in the organization of the 10th International Conference on Information Technology 2021 at Al-Zaytoonah University of Jordan.
- Participation in the organization of the 8th International Conference on Information Technology 2017 at Al-Zaytoonah University of Jordan.
- Participation in the organization of the 7th International Conference on Information Technology 2015 at Al-Zaytoonah University of Jordan.
- Participation in the organization of the 6th International Conference on Information Technology 2013 at Al-Zaytoonah University of Jordan.

Participation in Scientific meetings

- Participation with a working paper in the 11th International Conference on Information Technology at Al-Zaytoonah University of Jordan (July 2023).
- Participation with a working paper in the 9th International Conference on Information Technology (JEEIT conference) at Royal Amman Hotel, Jordan (April 2019).
- Session Chair in the 8th International Conference on Information Technology at Al-Zaytoonah University of Jordan (May 2017).
- Participation with a working paper in the 1st International Conference on Information Technology at Al-Zaytoonah University of Jordan (May 2003).



9. Publications

Journal Articles

- **Maher A. Nabulsi**, Nesreen A. Hamad, and Sokyna M. Alqatawneh, "A New Approach for Simplification of Logical Propositions with Two Propositional Variables Using Truth Tables", Recent Advances in Computer Science and Communications, 14 (9): March 2021, 2828 – 2834.
- Fatima M. Quiam, **Maher A. Nabulsi**, and Sokyna M. Alqatawneh, "Verifying the Validity of Implications that Involve Quantifiers using the Simplification and Logical Inference Methods", ICIC Express Letters Part B: Applications, 10 (7): July 2019, 571-578.
- Feras Al-Azzeh, Ali Aldahoud, **Maher A. Nabulsi**, and Sokyna Al-Qatawneh, "Quality Effects of Using Advanced Technologies in Learning Process at Universities", ICIC Express Letters Part B: Applications, 10 (4): April 2019, 291-299.
- **Maher A. Nabulsi**, Ahmad AA Alkatib, and Fatima M. Quiam. "A New Method for Boolean Function Simplification", International Journal of Control and Automation (IJCA), 10 (12): Dec. 2017, 139-146.
- **Maher A. Nabulsi** and Nesreen A. Hamad. " Proofs of Implications Involving Quantifiers Distribution over Logical Operators ", Journal of Theoretical and Applied Information Technology (JATIT), 95 (12) : June 2017, 2824-2829.
- **Maher A. Nabulsi** and Ahmad Abusukhon. "An Investigation into the Relationships Between Logical Operations ", International Journal of VLSI design & Communication Systems (VLSICS), 4 (2) : April 2013, 1 – 9.
- Ahmad Abusukhon, Mohammad Talib, and **Maher A. Nabulsi**. " Analyzing the Efficiency of Text - to – Image Encryption Algorithm “ , International Journal of Advanced Computer Science and Applications (IJACSA), 3 (11) : 2012, 35 – 38.
- **Maher A. Nabulsi** and Mohammed A . F . Al-Husainy. " Using Combinational Circuits for Control Purposes " , Journal of



Computer Science, 5 (7) : 2009, 507 – 510.

- **Maher A. Nabulsi** and Ayman M . Abdalla. " The relationship between Exclusive- or and the Unique Existential Quantifier ", Journal of Computer Science, 4 (9) : 2008, 741 – 743.
- **Maher A. Nabulsi** and Ayman M . Abdalla. " A Method of Deductive Logical Inference Proofs " , Journal of Computer Science, 4 (4) : 2008, 345 – 348.
- **Maher A. Nabulsi**. ” Some Propositions, Quantified Assertions and their uses in Computer Hardware Design “ , An-Najah University Journal for Research – A, Palestine, Volume 14 : Dec 2000, 157 – 168.

Books

- **Maher A. Nabulsi**. “Fundamentals of Computer Design, Organization and Architecture”, Published in Arabic language, Dar Al-Manahej, Jordan , 2005.

Conference Articles

- Fatima Quiam, Assal A. M. Alqudah, **Maher A. Nabulsi**, and Shadi AlZu’bi " Examining the Validity of Inference Rules: Utilizing Truth Tables and Contrapositive Analysis", 2023 The 11th International Conference on Information Technology (ICIT 2023), July 2023.
- Nesreen A. Hamad and **Maher A. Nabulsi**, " Additional New Logical Identities Related to Propositional Logic", 2021 The 10th International Conference on Information Technology (ICIT 2021), July 2021, 263-268.
- Nesreen A. Hamad and **Maher A. Nabulsi**, "Implementing the Unique Existential Quantifier in Digital Logic Design", 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), May 2019, 465-468.
- **Maher A. Nabulsi**. ”Study of the Relationship between Exclusive – OR and Equivalence, Inhibition and Implication Operations”, Al-Zaytoonah University of Jordan, ICITNS, 2003.