

TAHA TABAZA, Ph. D

Assistant Professor of Mechanical Engineering

Department of Mechanical Engineering

Faculty of Engineering,

AL-Zaytoonah University of Jordan,

P.O. Box 130

Amman 11733, Jordan.

Email: taha.t@zuj.edu.jo

ACADEMIC QUALIFICATIONS

Ph. D. in Mechanical Engineering, 1993

Moscow Road-Transport Institute, Russia

B.Sc. & Ms in Mechanical Engineering 1989

Moscow Road-Transport Institute, Russia

PROFESSIONAL EXPERIENCE

Assistant Professor, Mechanical Engineering Department,

AL- Zaytoonah University of Jordan, Jordan (2011-2013)

Since 2000-2010 private business, trade, and Engineering consulting

Rajai Design for engineering consultation and design 1995-1999

Aman Metal Industries Est. 1994

Kayyali Industrial Company. 1993

Teaching Assistant, Moscow Road-Transport Institute, Russia (1990-1992)

Research Assistant. Moscow Road-Transport Institute, Russia (1990-1991)

INTERESTS

- Energy.
- Materials.

Project Researches

1. Utilization of water produced hydrogen for domestic heating purposes
Prof. Mohammad Ahmad Hamdan; Dr. Taha Tabaza and Eng. Eman Abdelhafeth
2. Modeling, simulation and optimization of MIMO fuzzy system, Dr. Taha Tabaza, Dr. Amjad Alsakarneh

Institutional and Professional Services:

o Courses Taught

- Machine Design
- Mechanics of Materials
- Thermodynamics 1
- Engineering Mechanics
- Materials Science And Engineering
- Machinery
- Manufacturing
- Principles Of Energy Science

Professional Development Activities

- Member of Jordan Engineers Association since 1989
- **Organizing Committee**, The Eighth Jordanian International Mechanical Engineering Conference (JIMEC8) Mechanical Engineering: From Research to Practice 2013
- **Organizing Committee**, *Zaytoonah University International Engineering Conference on Design and Innovation in Infrastructure 2012 (ZEC infrastructure 2012)*, 2012.
- **Member of scientific committee**, AL- Zaytoonah University of Jordan, Jordan (2011-2013)
- **Member of Faculty Council of the Faculty of Engineering of the academic years (2011-2012) (2012-2013)**
- **Establishing of the laboratory of Engineering Measurements** at AL- Zaytoonah University of Jordan

Journal Publications

T.Tabaza, Y.M. Lakhtin, Y.D.Kogan, Research on structure and composition of decorative pyrolytic chrome coating obtained through precipitation from gaseous phase, Colleges News Ferrous Metallurgy, Dec.

1992 "P. 70-74".

Conference Publications

1. A. Alsakarneh, T. Aljarrah, **T.Tabaza**, Design and simulation of an autonomous dual-axis sun tracking system using fuzzy logic, International Conference on Engineering and Applied Sciences 2013(ICEAS 2013), November 7-9,2013 Osaka, Japan.
2. A. Badran, **T.Tabaza** , Heating alternatives for Jordan in view of new energy prices, Zaytoonah University International Engineering Conference on Design and Innovation in Infrastructure 2012 (ZEC Infrastructure 2012), June 18-20, 2012 Amman, Jordan.
3. T.Tabaza, A.E. Zelenov, Preparation of decorative oxide chrome coats, Theses of reports at all Union Scientific and Technical Conference, Novokuznetsk, Russia – 1991
4. T.Tabaza, Y.D Kogan, Decorative coats obtained through precipitation from the gaseous phase, Theses of reports at Republican Scientific and Technical Conference- 1991.
5. T.Tabaza, Y.M. Lakhtin, Decorative coating obtained through chemical precipitation from the gaseous phase, Scientific and Technical Conference of Moscow Road-Transport Institute, Moscow 1991
6. T.Tabaza, Y.M. Lakhtin, Y.D. Kogan, Preparation of decorative chrome coating from the gaseous phase of metal-organic compounds, Penza Scientific and Technical Conference, 1992.
7. T.Tabaza, Y.M. Lakhtin, , Y.D. Kogan, Research on structure, physical and mechanical properties, of pyrolytic oxide-chrome coating, Scientific and Technical Conference of Moscow Road-Transport Institute, Moscow 1992