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Feras Hakkak

Personal Information

- Marital status: single
- Nationality: Iranian
- Age: 23

Education

1993 - 1997 Alborz High-school Tehran

Math and Physics

1997 - 2001 Sharif University of Technology Tehran

Mechanical Engineering, Solid Design (BSc)

2001 - Sharif University of Technology Tehran

Mechanical Engineering, Applied Design (MSc)

Languages

Persian, English, Arabic

Research Interests

Modelling and analysis of biomechanical dynamic systems, Pneumatic and hydraulic systems, Design of mechanical systems, Medical psychology, Holistic medicines.

Projects

- Participation in the mechanical design of a remotely operated vehicle, Sharif Robotics Lab, 2000-2001. (BSc Project)
- Participation in the design and fabrication of a tri-axial dynamometer for trunk muscle measurements, Sharif Biomechanics Lab, 2002- . (MSc Project)

Papers

- Hakkak F., M. Parnianpour "Evaluation of a 2-DOF model of the trunk for stability measurements", International Symposium of Ergonomics in Industry and Manufacturing, Malek Ashtar University, Tehran, 2002.

Teaching Experience

- A Course on Pneumatics, Sharif University, Spring 2002.

Activities

- Management of Translation Group, Mechanical Eng. Dept. Student Office, 1999 (3 months).
- Management of Research Subgroup, Sharif Mechanics Magazine (Nameh Mechanic Sharif), 1998-1999 (one year).
- Participation in holding Industrial Robotics Seminar, presented by Advanced Industrial Systems Research Centre, Sharif University, 1999.
- Participation in presenting a workshop on pneumatics, 1st S.C.ISME conference, Semnan, 2000.
- Membership of the Professional Council, Mechanical Eng. Dept., Sharif University, 2000-2001 (one year).

- Membership of the Higher Council of Mechanical Eng. Dept. Student Office, Sharif University, 2001-2002 (one year).
- Management of Pneumatics Group, Mechanical Eng. Dept. Student Office, 2002 (8 months).
- Participation in and management of a workshop on pneumatics, 3rd S.C.ISME conference, Babol, 2002.
- Ownership and moderation of Pneumatics mailing list (Pneumatics YahooGroup), Summer 2002- .