

List of Grants Received by: Professor Ali Meghdari

GRANTS & FUNDED RESEARCH

◆ From the Office of Research and Industrial Relations, Sharif University of Technology & Ministry of Culture and Higher Education, Tehran, Iran.

- **Principal Investigator, "Design and Fabrication of the Sharif Artificial Hand"**, Grant # SAH-FY-67-69, (Rials 5,000,000), 9/1988-9/1990.
- **Principal Coordinator, "Establishment of the 1st Robotics & Biomechanics Research Laboratories in Iran"**, Grant # R/BIO-68-70, (\$ 60,000), 8/1989-8/1991.
- **Principal Investigator, "Dynamics and Control Analysis of Flexible Manipulator Arms"**, Grant # DCAF-FY-70-71, (Rials 8,000,000), 3/1991-6/1992.
- **Principal Investigator, "Developing Artificial Muscles for Biomedical Applications"**, Grant # DAMBA-FY-71-72, (Rials 8,000,000), 2/1992-2/1993.
- **Principal Investigator, "Robotics & Automation of the Traditional Persian Carpet Weaving"**, Grant # RATPCW-FY-73-74, (Rials 8,000,000), 4/1994-4/1996.
- **Principal Investigator, "Investigation and Development of Dynamic Decoupling Techniques for Flexible Multi-Body Systems"**, G# IDTFMBS-FY-74-76, (Rials 20,000,000), 4/1995-4/1997.
- **Principal Investigator, "Kinematics & Dynamics Modeling, and Control of a Robot Attached on a Moving Base"**, G# KDMCRAMP-FY-76-79, (Rials 25,000,000), 3/1997-3/2000.
- **Principal Investigator, "On the Design and Fabrication of a Hospital Nursing Robot"**, Grant # ODFHNR-FY-77-78, (Rials 10,000,000), 3/1998-9/1999.
- **Principal Investigator, "Dynamics Modeling and Analysis of the Knee Joint"**, Grant # DMAKJ-FY-79-81, (Rials 75,000,000), 9/2000-3/2002.

◆ From the Advanced Manufacturing Engineering Research Center, Azadi Ave, Tehran, Iran.

- **Principal Investigator, "Design and Fabrication of a System of Modular Robotics Grippers Equipped with A Quick Change System"**, Contract # AMERC-DFSMG-FY-74-76, (Rials 60,000,000), 12/1995-6/1997.
- **Co-Principal Investigator, "Design and Fabrication of an Underwater Remotely Operated Vehicle (ROV)"**, Contract # AMERC-DFUROV-FY-80-81, (Rials 60,000,000 + US\$10,000), 3/2001-9/2002.

◆ From the Ministry of Science, Research, and Technology, Nejaatallaahi Ave, Tehran, Iran.

- **Director; "Development of a Center of Excellence in Design, Robotics, and Automation"**, Contract # CEDRA-FY-79-82, (Rials 1,200,000,000), 3/2001-3/2004.

◆ **From the World Health Organization (WHO) and the Islamic Educational, Scientific & Cultural Organization (ISESCO), Cairo, Egypt, (contributing to an ongoing project).**

· **Principal Investigator, "Design and Fabrication of a Robotic Nurse Unit to Assist Paraplegic Patients", Contract # O/Ref.D/Sc/3.1.2.1.17/6973, (\$ 2,500), 12/2001-12/2002.**

◆ **From the Industrial Development and Renovation Organization of Iran (IDRO), Tehran, Iran.**

· **Principal Investigator; "Design and Fabrication of a Series of Mobile Rescue Robots for Earthquake Applications", Contract # 82/51065, (Rials 1,100,000,000), 2/2004-2/2005.**

◆ **From the TAM Automotive Research Industries (Iran Khodro Coporation), Tehran, Iran.**

· **Principal Investigator; "Design and Fabrication of a Model Humanoid Robot for Robocup Competitions", Contract #TAM-CEDRA-FY-82, (Rials 200,000,000), 1/2004-1/2005.**

◆ **From the Iranian National Science Foundation (INSF), Presidency of the I. R. of Iran.**

· **Principal Investigator with Prof. Saeed Sohrabpour; "Dynamic Modeling and Analysis of Running in Humanoid Robots", Contract # 84084/8, (Rials 200,000,000), 3/2006-3/2008.**