

# Profile

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## Steven Dubowsky

PROFESSOR

### Contact

Departments of Aeronautics and Astronautics and Mechanical Engineering  
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Massachusetts Institute of Technology  
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### Academic Degrees

B.M.E., 1963, Rensselaer Polytechnic Institute M.S., 1964, Columbia University Sc.D., 1971, Columbia University

### Honors and Awards

10th International Conference on Climbing and Walking Robots, Best Paper Award, 2007; World Congress of the International Federation for Mechanism and Machine Science, Best Paper Award, 2007; NASA Institute of Advanced Concepts, Elected Fellow of the 2002 – 2007; ASME Mechanisms and Robotics Conference: Best Paper Award, 2002, 1982, 1978, 1971, ASME, Machine Design Award, 2001; IEEE International Conference, Best Paper Award, 1998, 1996; NATO (France): Elected as a Distinguished Fellow, 1995-1996; CNRS (France): elected as a Distinguished Fellow, 1995-1966; UK Scientific and Engineering Research Council: Elected Honorary Senior Research Fellow, 1993; ASME Dynamic Systems and Control Division: Best Journal Paper of 1979; Danforth Foundation: Elected to 10-Year as Foundation Fellow, 1977

### Society Memberships

Fellow, American Society of Mechanical Engineers Fellow, Institute of Electrical and Electronic Engineering

### Positions Held at MIT

Professor of Aeronautics and Astronautics (Joint), 2006 – present; Professor of Mechanical Engineering (Joint); 1982 - present; Head, ME Systems and Design Division, 1983-1988; Associate Head, ME Systems and Design Division, 1982-83; Associate Director, Laboratory for Manufacturing and Productivity, 1982-1988

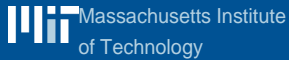
### Positions Held outside MIT

Stanford University, School of Engineering: Visiting Professor, 2002-

2004; Sandia National Laboratory, Visiting Scholar, 1996; California Institute of Technology: Visiting Professor, 1988 – 1989; The Naval Postgraduate School, Visiting Professor 1996; Laboratoire de Robotique de Paris, (Université Paris VI), Professeur Invité and Distinguished NATO Fellow, 1995; Cambridge University: Visiting Fellow Queens' College and Visiting Professor Engineering Department, 1977 – 1978; University of California, LA (UCLA), School of Engineering and Applied Science, Professor 1971 – 1982; Rensselaer Polytechnic Institute (Hartford Graduate Center), Adjunct Lecturer, 1970 -1971; Perkin Elmer Corp., Optical Technology Division, Senior Engineer, 1964 – 1971; General Dynamics Corp., Electric Boat Division, Engineer 1963; American Electric Power Service, Engineer 1962.

### Teaching Interests

Design, controls and dynamics of robotic, engineering and space systems



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