

Michael Kupferschmid

Curriculum Vitæ

Education

Rensselaer Polytechnic Institute

PhD, numerical optimization, 1981

Diaz Prize for thesis research

MS, operations research and statistics, 1980

full member $\Sigma\Xi$ science honorary

MEng, feedback control systems, 1972

member $\pi\mu\epsilon$ mathematics honorary

BS, electrical engineering, 1968

member $\tau\beta\pi$ and $\eta\kappa\nu$ engineering honoraries

Yale University

graduate courses in operations research, 1972-73

licensed Professional Engineer

Professional Employment

On 06 Jul 2015 I retired from Rensselaer Polytechnic Institute having taught 45 courses of 12 different titles, published 2 textbooks, graduated 9 PhD students, and contributed 21 research papers to refereed technical journals.

Rensselaer Polytechnic Institute, Troy, NY

Adjunct Faculty

1985-2015

Teach regular courses, supervise PhD and Master's student research projects, conduct and publish my own research. I also led a summer seminar for Army graduate students preparing to teach at USMA.

Scientific Programming Consultant

1981-2008

Advise faculty and graduate students on numerical computing; write scientific software and documentation; teach service courses; help support central systems for research computing.

J. R. Clancy Inc., Syracuse NY

Design Supervisor, Controls Division

1976-1978

Move Devices Inc. and four families to Syracuse and reorganize as the Controls Division; manage drafters and technicians; design, test, and supervise the manufacture of control equipment for theatre machinery.

Devices Inc., New Haven CT

Staff Engineer

1974-1976

Design, test, and supervise the manufacture of electronic winch controls for positioning scenery; supervise drafters and technicians.

Sikorsky Aircraft, Stratford CT

Engineer B, Automatic Flight Control Systems

1968-1971

Participate in the design and flight-testing of autopilots and autopilot test equipment for military helicopters; supervise drafters and technicians.