

# Curriculum Vitae

Pinchas Dov Einziger

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## Personal Data:

Date and place of birth: 1949, Israel.  
Military Service: I.A.F. Captain (reserve).  
Children: Shachar (1977), Michal (1981), Yael (1986).

## Academic Degrees:

B.Sc. 1976 – (cum laude) Electrical Engineering, Technion, Haifa, Israel.  
M.Sc. 1978 – Electrical Engineering, Technion, Haifa, Israel.  
Ph.D. 1982 – Electrophysics, Polytechnic Institute of New York, Brooklyn, NY, USA.

## Academic Appointments:

1982–present Faculty Member, at present, tenured Associated Professor, Department of Electrical Engineering, Technion, Haifa, Israel.  
1988–1989 Visiting Scientist, Research Laboratory of Electronics, Massachusetts Institute of Technology, Cambridge, MA, USA.  
1978–1981 Research Assistant, Department of Electrical Engineering and Computer Science, Polytechnic Institute of New York, Brooklyn, NY, USA.  
1976–1978 Teaching Assistant, Department of Electrical Engineering, Technion, Haifa, Israel.

## Teaching Experience:

1975–present Department of Electrical Engineering, Technion, Haifa, Israel.  
Undergraduate Courses:  
Wave Phenomena  
Antennae and Propagation  
Waves and Distributed Systems  
Electromagnetic Fields  
Linear Electronic Circuits  
Electrical Engineering (basic circuit theory)  
Numerical Analysis  
Electronic Laboratory.  
Graduate Courses:  
Analytical and Numerical Methods in Wave Theory  
Advanced Topics in Wave Theory  
Antenna Theory.

**Professional and Research Experience:**

- 2009–2011 RF Dynamics Ltd., Kfar Saba, Israel.  
Microwave Heating.
- 2006 Orsan Medical Technologies Ltd., Netanya, Israel.  
Electrical Impedance Tomography.
- 2004–2005 ITL Ltd., Rishon Lezion, Israel.  
Nuclear Qudrupole Resonance Spectroscopy.
- 2002–2003 Department of Electrical Engineering, Technion, Haifa, Israel.  
Advanced Measurements via VeePRO and LabVIEW.
- 2001–2002 Intellijoint Systems Ltd., Haifa, Israel.  
High Resolution RF Proximity System.
- 2000 Idea Ltd., Rishon Lezion, Israel.  
High Power RF Energized CO<sub>2</sub> Lasers.
- 1998–1999 Hamilton Standard-Nauka Center, Moscow, Russia.  
Broadband Aperture Antennas.
- 1997 Schnapp Ltd., Netanya, Israel.  
High Efficiency Energy Conversion.
- 1994 Optonic Technologies Corporation Ltd., Migdal Ha'emek, Israel.  
High Power RF Energized CO<sub>2</sub> Lasers.
- 1993 Schnapp Ltd., Netanya, Israel.  
Battery Electrodynamics.
- 1990–1992 MLI Lasers (1992) Ltd., Tel-Aviv, Israel.  
High Power RF Energized CO<sub>2</sub> Lasers.
- 1989 Geo-Centers Inc. Boston, MA, USA.  
Short Pulse Ground Penetrating Radar.
- 1987–1988 Alumor Lasers Ltd., Jerusalem, Israel.  
High Power RF Energized CO<sub>2</sub> Lasers.
- 1986 Elbit Computers Ltd., Haifa, Israel.  
Magnetic Position and Orientation Tracking System.
- 1985 Zoran Corp., Santa Clara, CA, USA.  
Gabor Signal Processor.
- 1984–1985 Elbit Computers Ltd., Haifa, Israel.  
Microwave Tomography.
- 1983–1984 Tadiran Ltd., Tel Aviv, Israel.  
Broadband Dipole Antenna.
- 1982 Elta Electronics Industries, Ashdod, Israel  
Aperture Antennas.
- 1980–1981 Microwave Research Institute, Polytechnic Institute of New York,  
Farmingdale, NY, USA.  
Microwave Simulation of a Generalized Brewster Phenomenon.
- 1979–1980 Comstron Corp., Freeport, NY, USA.  
Computerized Design and Measurements of Crystal-Filters and  
Crystal-Oscillators.

**Membership in Scientific Associations:**

- 1982–present International Union of Radio Science (URSI), Commission B.

**Professional Activities:**

- 2009–2011 Chief RF Scientist, RF Dynamics Ltd., Kfar Saba, Israel.
- 2004–2008 Reviewer and Session Chairman for IEEE Journals and Conferences, respectively.
- 2002–2003 Academic Supervisor, Electrical Engineering Laboratories and Projects, Department of Electrical Engineering, Technion, Haifa, Israel.
- 1999–2000 Member, Electrical Engineering Professional Committee, The Israel Science Foundation of The Israel Academy of Science and Humanities.
- 1990–1992 Secretary, IEEE, Israel.
- 1987–1988 Counselor, IEEE Technion Student Branch.
- 1985–1987 Secretary, Israel National Committee for Radio Science of The Israel Academy of Science and Humanities, Delegation to the International Union of Radio Science.

**Prizes and Awards:**

- 2013 URSI Commission B International Symposium on Electromagnetic Theory (EMTS 2013) Award for the Best Paper (#58 attached list) by a young scientist (A.E.).
- 2013 11<sup>th</sup> International Symposium on Functional  $\pi$ -Electron Systems ( $F\pi$ -11) Award for the Best Poster (#59 attached list).
- 2005 Physical Review Letters paper (#34 attached list) has been elected for publication in the Virtual Journal of Biological Physics Research.
- 1984 IEEE Antennas and Propagation Society 1983 R.W.P. King Award for the best paper (#4, #5 attached list) by a young scientist.
- 1980 Henry Lion Weiller Foundation Scholarship.
- 1979 Henry Lion Weiller Foundation Scholarship.
- 1977 Best Assistant, Students' poll, Department of Electrical Engineering, Technion, Haifa, Israel.