

CURRICULUM VITAE

Name: EHUD LENZ

Place and Date of Birth: Czernowitz, Rumania, August 5, 1930

Marital Status: Married + 2 children

Academic Degrees:

- 1955 B.Sc. in Mechanical Engineering
Technion-Israel Institute of Technology
- 1956 Diploma in Mechanical Engineering, Technion-I.I.T.
- 1957 M.Sc. in Mechanical Engineering, Technion-I.I.T.
- 1962 Dr.- Ing. Mechanical Engineering
The Technical University of Munich, Germany

Academic Appointments:

- 1955 - 57 Assistant, Department of Mech. Eng.
Technion-I.I.T.
- 1965 - 74 Associate Professor, Dept. Mech. Eng.
Technion-I.I.T.
- 1974 Professor, Dept. Mech. Eng., Technion-I.I.T.
- 1984 Schlesinger Professor in Manufacturing Systems
- 1983-84 Visiting Professor at the University of Michigan in Ann Arbor
- 1996 Visiting Professor at University of Kentucky in Lexington
- 1998 Visiting Professor at UBC Vancouver, Canada
- 1998 Emeritus

Research Experience:

Sept. 2006

Member of the Board of Directors - ELSCINT - from 1991-1993.

Member of the Board of Directors - MLI Lasers (1992) Ltd. from 1995 until April 1997.

Awards:

- 1964 F.W. Taylor Medal of C.I.R.P
- 1979 F.W. Taylor Research Medal SME
- 1982 J. Wallenberg Foundation Scholarship
- 1986 Charter Fellow Member SME
- 1986 Fellow Member NAMRI

1989 Fellow Member ASME

1997 Meitner-Humboldt Award

Professional Membership:

C.I.R.P - College International pour l'Etude Scientifique des Techniques de Production Mécanique

A.S.M.E - American Society of Mechanical Engineering

S.M.E - Society of Manufacturing Engineering

NAMRI/SME - North American Manufacturing Research Institution of SME

Supervisor of Graduate Students:

M.Sc. Students

1. D. Vilenski - Correlation between Two Measurement Systems of Cutting Temperature.,
August 1967.
2. E. Ehrenreich - Development of a Drilling Dynamometer. June 1969.
3. Z. Katz - The Influence of Specific Working Parameters in EDM. June 1969.
4. R. Wertheim - Relative Frequency and Working Gap in EDM. November 1970.
5. M. Geva - Influence of Process Parameters of Plasma Arc Cutting of Aluminium.
June , 1971.

6. A. Schachrai - The Laser Machining Parameters of Sintered Carbide Materials. July 1973.
7. I. Meister - Milling of a Helical Profile Slot in Cylindrical Workpiece., June 1973.
8. E. Katz - The Influence of EDM in Crack Behaviour of Sintered Carbides. January 1975.
9. A. Aharonov - Surface Integrity in Grinding. June 1978.
10. I. Zanbar - Machining of Metals with Pulse Laser. June 1976.
11. S. Kaldor - Investigation in Chip Breaking. June 1976.
12. J. Tur-Kaspa - Development of a Gripper with Pressure. October 1982.
13. Y. Tal - Parameters in Laser Beam Machining. November 1983.
14. D. Chay - Design for Automated Assembly (jointly with M. Shpitalni). May 1987.
15. M. Livne - Navigation System of AGV. June 1990.
16. S. Shifrin - CAD/CAM-Machine-Tool Connection (jointly with M. Shpitalni). August 1987.
17. E. Zussman - The Development of a Robot and its Integration into a Flexible Manufacturing Cell. March 1988.
18. S. Zombach (Shoval) - Integrated Systems of Robot and CNC Lathe. October 1987.
19. I. Alter - Machining Cell Communication. June 1988.
20. U. Benchetrit - Communication in Flexible Manufacturing System. June 1990.
21. R. Fishman - Graphical Simulation Program for Robots Off-Line Programming. March 1990.
22. D. Farhana - Communication in Automatic Guided Vehicle . June 1991.
23. R. Ronen - Graphical Simulation Program for Robots Off-Line Programming. March 1992.
24. S. Oberlander - Control, Planning and Programming of a Linear Transfer System. December 1992.
25. A. Perle - Flexible Modular Fixturing . 1994.
26. Y. Zeitoun - Position Control of a Free-Ranging Vehicle. 1996.

27. E. Levin - Navigation System for Mobile Robots (in progress).

D.Sc. Students:

1. M.Y. Friedman - Investigation of Tool-Chip Contact Length. April 1971.
2. H. Levy - Temperature Distribution of Disc Clutches in Machine Tools. (jointly with K. Loewy). April 1971.
3. Y. Koren - Model and Optimization of Machining Process and its Control in Turning. (jointly with J. Ben-Uri). February 1971.
4. G.N. Levy - Investigation of ECG. May 1972.
5. Z. Katz - Investigation into the Flank Wear. July 1973.
6. A. Schachrai - Crack Propagation of Sintered Materials in Laser Machining. June 1976.
7. M. Geva - Surface Integrity in ECG. February 1975.
8. A. Levin - Measuring of Roughness Parameter, R_a , using Reflectometric Methods (jointly with M.Y. Friedman). April 1976.
9. M. Shpitalni - Adaptive Control for Unconventional Machining Processes (jointly with Y. Koren). July 1980.
10. S. Kaldor - Investigation of Machining Parameters in Drilling. July 1980.
11. Y. Fainman - Optical Measurement of 3^D Surfaces (jointly with J. Shamir). January 1983.
12. E. Kroll - Knowledge-based Conceptual Design: An Application to the Design for Assembly Problem (jointly with J. Wolberg). May 1989.

13. J. Rotberg - Tool Wear Monitoring by Means of Vibration Analysis. (jointly with S. Braun). May 1992.
14. E. Zussman - Conceptual Approach to Automatic Assembly (jointly with M. Shpitalni). June 1992.

15. U. Benchetrit - Motion Planning of Robots (Jointly with M. Shoham) July 1996.
16. N. Salomonski - Investigation of Assembly and Disassembly Processes in Robotic Systems 1998