Department of Applied Mathematics
School of Mathematical Sciences
Tel Aviv University

Amiram HARTEN, Ph.D.

CURRICULUM VITAE

No. Id. card:	0695603
Home Address:	11 Hazaz Street, Herzlia
Tel. No.:	09-540333 (home)
	03-5450445 (work)
Date and place of birth:	1946 Italy
Date of arrival in Israel:	1947
ZAHAL (Israeli) Military Service:	1964-1966
Marital status:	Married
No. of children:	Two

EDUCATION

1966-1969   B.Sc., Mathematics
Tel Aviv University
Date of award:1969

1969-1971   M.Sc., Mathematics
Tel Aviv University
Date of award: 1971
Title of Master's Thesis: New Numerical Methods for Schock
Calculations
Name of Supervisor: Professor Gideon Zwas

1971-1974   Ph.D. Mathematics
New York University
Date of award: 1974
Title of Doctoral Dissertation: The Method of Artifical Compression
Name of Supervisor: Professor P. Lax

ACADEMIC AND PROFESSIONAL EXPERIENCE

1966-1967   Assistant, Applied Mathematics, Tel Aviv University

1968-1971   Research Assistant, Applied Mathematics, Tel Aviv University

1971-1974   Research Assistant, Mathematics, Courant Institute, New York University

1974-1976   Associate Research Scientist, Mathematics, Courant Institute, New York University

1976-1977	Research Scientist, Mathematics, Courant Institute, New York University
1977-1980	Senior Lecturer, Mathematics, Tel Aviv University
1978-1979	Visiting Scientist, ICASE, MASA Langley Res. Cen.
1980-1985	Associate Professor, Mathematics, Tel Aviv University
1984-1985	Visiting Professor, Mathematics, UCLA, USA
1985-	Professor, Tel Aviv University

CONSULTANT

Los Alamos National Laboratory (since 1981) Institute for Computer Applications in Science and Engineering (since 1981)
Rockwell Science Center, Thousand Oaks, CA (since 1984) University of Washingon, Seattle, NASA Consortium agreement, (since 1987)

INVITED LECTURES

1. Special Year on Numerical Methods for Partial Differential Equations, University of Maryland, College Park, U.S.A. (1982).

2. U.S. Army Workshop on Adaptive Numerical Methods for Partial Differential Equations, University of Maryland, College Park, U.S.A. (February 1983).

3. Third International Symposium on Numerical Methods in Engineering Paris, France (March 1983).

4. SIAM-AMS Summer Seminar on Large Scale Computations in Fluid Dynamics, La Jolla, California, U.S.A. (July 1983).

5. INRIA Workshop on Numerical Methods for the Euler Equations of Compressible Inviscid Fluids, Rocquencourt, France (December 1983).

6. Workshop on Oscillation Theory, Computation and Method of Compensated Compactness, University of Minnesota, U.S.A. (April 1985).

7. IMACS Conference, Oslo, Norway (August 1985).

8. Working Conference on Applied Nonlinear Partial Differential Equations, Mittag Leffler Institute, Stockholm, Sweden (August 1985).

9. Special Year on Scientific Computation, Institute for Mathematics and Its Applications, University of Minnesota, U.S.A. (Fall 1986).

10. First International Conference on Hyperbolic Problems, Saint Eitienne, January 1986.

11. XIXe Congres National D'Analyse Numerique, Pont Baracares, France, May 26-30, 1986.

12. Conference on Wave Motion: Theory, Modeling and Computation, NSRI, UC Berkeley, June 9-12, 1986.

13. Workshop on Computational Fluid Dynamics, Institute for Nonlinear Sciences, UC Davis, June 17-18, 1986.

14. Workshop on Fast Algorithms for Aerodynamic Problems, Mathematical Sciences Institute, Cornell University, August 14-16, 1986.

15. DARPA Contractors' meeting, Washington D.C., October 4-8, 1987.

16. Second International Conference on Hyperbolic Problems, WRTH, Aachen, Germany, March 14-18, 1988.

17. Conference of Numerical Methods, Oxford University, UK, March 21-24, 1988

18. International Conference on Nonlinear Hyperbolic Problems, University of Bordeaux, June 13-17, 1988.

19. AMS/SIAM Research Conference on Hyperbolic Systems, Boudouin College, Maine, July 16-22, 1988.

20. Program in Computational Fluid Dynamics, UC Santa Barbara, Fall 1988.

21. 7th International Conference on Finite-Element Methods in Flow Problems, University of Alabama, Hunstville, April 3-7, 1989.

22. NATO Advanced Research Workshop on the Numerical Modelling of Stellar Pulsations, Les Arcs, France, March 20-24, 1989.

23. Third International Conference on Hyperbolic Problems, Uppsalla, Sweden, June 1990.

24. International Congress of Mathematicians, Kyoto, Japan, August 21-29, 1990.

25. The 18th International Symposium on Shock Waves, Sendai, Japan, July 1991.

26. Workshop on algorithmic trends in CFD for the 90's, Hampton, Virginia, September 1991.

GRANTS AND AWARDS

U.S. Department of Energy , DE-AC02-76ER03077
NASA-Ames Interchange, NCA2-OR525-101
NASA-Ames Interchange, NCA2-IR390-403
ARO Grant DAAG 29-85-K0191
NSF Grant DMS85-03294
DARPA Grant in the ACMP program
ONR Grant N00014-86-K-0691

MASTERS STUDENTS SUPERVISED

1977 Shamir Efroni, A partition technique for the solution of potential flow problems by integral equation methods, New York University

1979 Hillel Tal-Ezer, On a fourth order accurate implicit finite difference scheme for hyperbolic conservation laws, Tel Aviv University

Date: 1994