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CURRICULUM VITAE

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Date and place of birth: 19.5.65, Israel
Marital Status: Married + 2

EDUCATION

1983-1986	Tel Aviv University	Mathematics	B.Sc.
1987-1991	Tel-Aviv University	Mathematics	M.Sc.
1991-1994	Tel-Aviv University	Mathematics	Ph.D. (21.12.95)

Master thesis: *The Bayesian Formulation of Incomplete Information -
The Non-Compact Case*

Advisors: Prof. Dov Samet, Prof. Sergiu Hart

Doctoral dissertation: *Transfinite Levels of Mutual Knowledge and Belief in a group
of Players*

Advisors: Prof. Dov Samet, Prof. Ehud Lehrer

ACADEMIC AND PROFESSIONAL EXPERIENCE

1994-1995	University of Louvain	C.O.R.E.	Post-doctoral Fellow
3/96-9/96	Tel-Aviv University	Mathematics	Visiting Lecturer
4/97-9/2003	Tel-Aviv University	Economics	Lecturer
9/2000-8/2001	CALTECH	Economics	Visiting Assoc. Prof.
9/2003-5/2004	The Open University	Economics	Visiting Scientist
5/2004-5/2007	The Open University	Economics	Associate Professor
6/2007-	The Open University	Economics	Professor

AVIAD HEIFETZ - LIST OF PUBLICATIONS

TEXTBOOK

- [Strategic Thinking – Game Theory with Economics and Business Applications](#), The Open University of Israel Press, 2008 ([Hebrew](#))

ARTICLES

- A. Heifetz, [The Bayesian Formulation of Incomplete Information - the Non-Compact Case](#), *The International Journal of Game Theory*, vol. 21, pp. 329-338, 1993.
- S. Hart, A. Heifetz, D. Samet, [‘Knowing Whether,’ ‘Knowing that’ and the Cardinality of State Spaces](#), *Journal of Economic Theory*, Vol. 70, pp. 249-256, 1996.
- A. Heifetz, [Comment on Consensus without Common Knowledge](#), *Journal of Economic Theory*, Vol. 70, pp. 273-277, 1996.
- A. Heifetz, [Non-Well Founded Type Spaces](#), *Games and Economic Behavior*, Vol. 16, pp. 202-217, 1996.
- A. Heifetz, [Common Belief in Monotonic Epistemic Logic](#), *Mathematical Social Sciences*, Vol. 32, pp. 109-123, 1996.
- A. Heifetz, [Infinitary S5 Epistemic Logic](#), *Mathematical Logic Quarterly*, Vol. 43, pp. 333-342, 1997.
- A. Heifetz, D. Samet, [Knowledge Spaces with Arbitrarily High Rank](#), *Games and Economic Behavior*, vol. 22, pp. 260-273, 1998.
- A. Heifetz, H. Polemarchakis, [Partial Revelation with Rational Expectations](#), *Journal of Economic Theory*, vol. 80, pp. 171-181, 1998.
- A. Heifetz, D. Samet, [Topology-Free Typology of Beliefs](#), *Journal of Economic Theory*, vol. 82, pp. 324-341, 1998.
- A. Heifetz, [Iterative and Fixed Point Common Belief](#), *Journal of Philosophical Logic*, Vol. 28, pp. 61-79, 1999.
- A. Heifetz, [How Canonical is the Canonical Model? - A Comment on Aumann’s Interactive Epistemology](#), *The International Journal of Game Theory*, Vol. 28, pp. 435-442, 1999.
- A. Heifetz, A. Samet, [Hierarchies of Knowledge: An Unbounded Stairway](#), *Mathematical Social Sciences*, Vol. 38, pp. 157-170, 1999.
- A. Heifetz, D. Samet, [Coherent Beliefs are not Always Types](#), *Journal of Mathematical Economics*, Vol 32, pp. 475-488, 1999.

- A. Heifetz, P. Mongin, [Probability Logic for Type Spaces](#), *Games and Economic Behavior*, Vol 35, pp. 31-53, 2001
- F. Forges, A. Heifetz, E. Minelli, [Incentive Compatible Core and Competitive Equilibria in Differential Information Economies](#), *Economic Theory*, Vol 18, pp. 349-365, 2001.
- A. Heifetz, E. Minelli, [Informational Smallness in Rational Expectations Equilibria](#), *Journal of Mathematical Economics*, Vol 38, pp. 197-218, 2002.
- A. Heifetz, E. Segev, [The Evolutionary Role of Toughness in Bargaining](#), *Games and Economic Behavior*, Vol 49, pp. 117-134, 2004.
- A. Heifetz, E. Segev, [Escalation and Delay in Protracted International Conflicts](#), *Mathematical Social Sciences*, Vol. 49. pp. 17-37, 2005.
- A. Heifetz, A. Pauzner, [Backward Induction with Players who Doubt Others' Faultlessness](#), *Mathematical Social Sciences*, Vol. 50, pp. 252-267, 2005.
- C. Fershtman, A. Heifetz, [Read My Lips, Watch for Leaps: Preference Equilibrium and Political Instability](#), *The Economic Journal*, Vol. 116, pp. 246-265, 2006.
- A. Heifetz, C. Shannon and Y. Spiegel, [What to Maximize if You Must](#), *Journal of Economic Theory*, Vol. 133 (1), pp. 31-57, 2007.
- A. Heifetz, M. Meier, and B. Schipper, [Interactive Unawareness](#), *Journal of Economic Theory*, Vol. 130 (1), pp. 78-94, 2006.
- A. Heifetz, [The Positive Foundation of the Common Prior Assumption](#), *Games and Economic Behavior*, Vol 56 (1), pp. 105-120, 2006.
- A. Heifetz, Z. Neeman, [On the Generic \(Im\)possibility of Full Surplus Extraction in Mechanism Design](#), *Econometrica*, Vol 74 (1), p. 213-233, 2006.
- A. Heifetz, E. Segev, E. Talley, [Market Design with Endogenous Preferences](#), *Games and Economic Behavior*, Vol 58, pp. 121-153, 2007.
- A. Heifetz, C. Shannon and Y. Spiegel, [The Dynamic Evolution of Preferences](#), *Economic Theory*, Vol. 32 (2), pp. 251-286, 2007.
- A. Heifetz, C. Ponsati, [All in Good Time](#), *International Journal of Game Theory*, Vol. 35, pp. 521-538, 2007.
- A. Heifetz, M. Meier, and B. Schipper, [A Canonical Model for Interactive Unawareness](#), *Games and Economic Behavior*, Vol. 62, pp. 304-324, 2008.
- A. Heifetz, E. Minelli, [An Economic Theorists' Reading of Simone Weil](#), *Economics and Philosophy*, Vol. 24, pp. 191-204, 2008.

CHAPTERS IN BOOKS

- Heifetz, A., Eliminating Redundancies in Partition Spaces, pp. 95-103 in M. Bacharach, L.A. Gerard-aret, P. Mongin and H. Shin (eds.), *Epistemic Logic and the Theory of Games and Decisions*, Kluwer Academic Publishers, The Netherlands, 1997.

HANDBOOK CHAPTERS AND ENCYCLOPEDIA ENTRIES

- R.J. Aumann, A. Heifetz, [Incomplete Information](#), in R.J. Aumann and S. Hart (eds.), *Handbook of Game Theory vol 3*, pp. 1665-1686, Elsevier/North Holland, 2002.
- A. Heifetz, [Epistemic Game Theory: Incomplete Information](#), *The New Palgrave Dictionary of Economics, 2nd Edition*, Palgrave Macmillan, 2008
- A. Heifetz, Topology, *The International Encyclopedia of the Social Sciences, 2nd Edition*, pp. 390-391 Gale, 2008

BOOK REVIEW

- Heifetz, [Book Review of “Rational Ritual – Culture, Coordination and Common Knowledge” by Michael Suk-Young Chwe](#), *The Economic Journal* Volume 114 Issue 493 P F146, 2004.

CONFERENCE PROCEEDINGS

- A. Heifetz, [Infinitary Epistemic Logic](#), *Proceedings of the 5th Conference on Theoretical Aspects of Reasoning about Knowledge*, San Francisco, 1994, pp. 95-107.
- A. Heifetz, P. Mongin, [The Modal Logic of Probability](#), *Proceedings of the 7th Conference on Theoretical Aspects of Rationality and Knowledge*, I. Gilboa, ed., Morgan Kaufmann, San Francisco, 1998, pp. 175-185.
- Heifetz, M. Meier, B. Schipper, [Multi-Person Unawareness](#), *Proceedings of the 9th Conference on Theoretical Aspects of Rationality and Knowledge*, M. Tennenholtz, ed., ACM, 2003, p. 145-158.
- A. Heifetz, M. Meier, B. Schipper, [A Canonical Model for Interactive Unawareness](#), *Proceedings of the 11th Conference on Theoretical Aspects of Rationality and Knowledge*, D. Samet, ed., Presses Universitaires de Louvain, 2007, p. 177-182.
- A. Heifetz, M. Meier, B. Schipper, [Unawareness, Beliefs and Games](#), *Proceedings of the 11th Conference on Theoretical Aspects of Rationality and Knowledge*, D. Samet, ed., Presses Universitaires de Louvain, 2007, p. 183-192.

WORKING PAPERS

- An Evolutionary Perspective on Goal Seeking and S-Shaped Utility (with Yoram Hamo).
- Free Entry Equilibrium in a Market for Certifiers (With Hans Hvide)
- Arbitrage and Equilibrium with Exchangeable Risks (with Enrico Minelli and Heracles Polemarchakis).
- Unawareness, Beliefs and Games (with Martin Meier and Burkhard Schipper).
- Aspiration Traps (with Enrico Minelli).
- Rationalizable Expectations (with Elchanan Ben-Porath)
- Dynamic Unawareness and Rationalizable Behavior (with Martin Meier and Burkhard Schipper)

CURRENT RESEARCH PROJECTS

- Arabian Babblers Play Nash Equilibrium (with Roni Ostreiher)
- Vitality (with Enrico Minelli)

EDITORIAL BOARD

Games and Economic Behavior

Mathematical Social Sciences

TEACHING EXPERIENCE

Undergraduate Courses: Intermediate Microeconomics A, B; Selected Topics in Information Economics, The Rationality of Irrationality

Graduate Courses: Advanced Topics in Mathematics for Economists, Reasoning about Knowledge, The Evolution of Conventions and Preferences

PhD STUDENT

- Ella Segev (The faculty of Management, Tel Aviv University, 2002)

ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS

- 1991 Game Theory Conference, Stony Brook, U.S.A.
- 1992 4th Conference on Theoretical Aspects of Reasoning about Knowledge, Monterey, U.S.A.
- 1994 Conference on Epistemic Logic, Games and Decisions, Marseilles, France.
- 1994 5th Conference on Theoretical Aspects of Reasoning about Knowledge, Monterey, U.S.A.
- 1995 The 3rd European Workshop in General Equilibrium, Barcelona, Spain
- 1995 Game Theory Conference in honor of R. Aumann, Jerusalem
- 1996 The Summer Workshop of the Stanford Institute of Theoretical Economics, Stanford University
- 1996 LOFT 2 Conference – Logical and Other Foundations of Games and Decisions, ICER, Torino.
- 1997 Conference on Cooperation and Information, Cergy-Pontoise University, Paris.
- 1998 7th Conference on Theoretical Aspects of Rationality and Knowledge (TARK), Northwestern University.
- 1999 Conference of the Society for the Advancement of Economic Theory, Rhodes.
- 2001 Southwest Economic Theory Conference (SWET), CalTech
- 2002 The 11th European Workshop in General Equilibrium, Athens, Greece
- 2004 The 1st Israeli Game Theory Conference, Tel Aviv University
- 2004 Robust Mechanism Design, Yale University
- 2004 Society for Economic Design (SED) 2004, Universitat de les Illes Balears
- 2004 2nd World Congress of the Game Theory Society, Marseille
- 2006 Unawareness workshop, Stanford University
- 2007 Policies for Happiness, Siena
- 2007 11th Conference on Theoretical Aspects of Rationality and Knowledge (TARK), Brussels
- 2007 Game Theory Conference, Stony Brook, U.S.A
- 2007 Game Theory Conference in honor of Ehud Kalai, the Hebrew University
- 2008 Workshop on Interactive awareness and interactive beliefs in games, Milano
- 2008 3rd World Congress of the Game Theory Society, Evanston

ACADEMIC AND PROFESSIONAL AWARDS

1984	Tel-Aviv University, Faculty of Exact Sciences	Dean distinction
1985	Tel-Aviv University, Faculty of Exact Sciences	Dean distinction
1994	Tel-Aviv University, Mathematics Department	Distinction Award in Ph.D. Studies in memory of Dr. Jacob Belcher

GRANTS

1996-2001	Training and Mobility of Researchers (TMR) network “Cooperation and Information”, funding joint research and scholarships in the universities of Cergy-Pontoise (France), Caen (France), Bielefeld (Germany) Louvain (Belgium), Alicante (Spain) and Tel Aviv (Israel).
2000	“On the Role of Emotions in Bargaining – an Evolutionary Perspective” - grant from the Hammer fund for Economic Cooperation
2001	“The Role of Delay and Violence in the Israeli-Arab Negotiations” - grant from the Hammer fund for Economic Cooperation
2002	“Fuzziness in International Relations” - grant from the Hammer fund for Economic Cooperation
2002-2004	“Rationalizable Expectations” – grant from the Israel Science Foundation (joint with Elchanan Ben-Porath)

OTHER ACADEMIC ACTIVITIES

- Member of the Program Committee of the TARK VII Conference (Theoretical Aspects of Rationality and Knowledge), Summer 1998.
- Member of the Theoretical and Applied Economics Program Committee for the 58th European Meeting of the Econometric Society, Summer 2003.
- Member of the Program Committee of the Society of Economic Design Conference, Summer 2004
- Co-organized the 2nd Israeli Game Theory Conference in honor of Robert Aumann, 2005 Nobel Laureate in Economics, The Open University of Israel, January 2006
- Co-organized a workshop on Unawareness, Stanford University, April 2006.
- Member of the Program Committee of the TARK XI Conference (Theoretical Aspects of Rationality and Knowledge), June 2007.
- Co-organized the 3rd Israeli Game Theory Conference, The Open University of Israel, December 2008
- Chair of the Program Committee of TARK XII Conference (Theoretical Aspects of Rationality and Knowledge), July 2009