

February 2017

ACADEMIC CURRICULUM VITAE

Prof. AVIAD HEIFETZ

Executive Vice President for Academic Affairs

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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
10/2007-3/2009	The Open University	Economics	Department chair
8/2009-7/2011	Northwestern University	Kellogg/MEDS	Visiting Professor
1/2014 -	The Open University		Executive Vice President for Academic Affairs

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)

EDITORIAL BOARDS

Games and Economic Behavior (2008-now)
 International Journal of Game Theory (2011-2013)
 Mathematical Social Sciences (2006-2013)

REFEREE SERVICE (Partial List)

Journals: Econometrica, American Economic Review, Review of Economic Studies, Economics Letters, European Economic Review, Economic Journal, Rand Journal of Economics, Journal of Economic Theory, Games and Economic Behavior, Theoretical Economics, International Journal of Game Theory, Journal of Mathematical Economics, Economic Theory, Mathematical Social Sciences, Theory and Decision, Evolutionary Economics, The Economics Bulletin, Managerial and Decision Economics, Journal of Philosophical Logic, Israel Journal of Mathematics, Synthese, Journal of Applied Logic, Logic Language and Information, Erkenntnis, Oeconomia, Journal of Industrial Organization, Games journal

Publishers: Cambridge University Press, MIT Press

Grant Proposals: NSF,ERC

ACADEMIC SERVICE

2013 - elected member of the Council of the Game Theory Society

PhD STUDENT

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

OPEN UNIVERSITY OF ISRAEL – ACADEMIC SERVICE (Partial List)

2005 - Head of Economics field

2006 - 2009 Chair, Economics and Management department (undergraduate programs in Economics, Management, Accounting, Industrial Engineering and Management; MBA program)

2011 - member of university appointment committees for lecturer and senior lecturer, associate and full professor

2012 - member of the university council

2014 - Executive Vice President for Academic Affairs

TEACHING EXPERIENCE

Undergraduate Courses: Intermediate Microeconomics A, B; Selected Topics in Information Economics (Tel Aviv University), The Rationality of Irrationality (CALTECH)

Graduate Courses: Advanced Topics in Mathematics for Economists (Tel Aviv University), Reasoning about Knowledge, The Evolution of Conventions and Preferences (CALTECH)

MBA courses: Managerial Economics (Kellogg/MEDS)

OPEN UNIVERSITY OF ISRAEL – COURSE DEVELOPMENT

Undergraduate courses

- Strategic Thinking – Game Theory with Economics and Business Applications (original textbook), 2007
- International Trade (supervision of study guide written by Eliyahu Yeret), 2013
- Current Theories of Economic and Social Justice (Reader accompanied by original study guide), 2013

MBA course

- Game Theory with Business Applications (original study guide), 2012

AVIAD HEIFETZ - LIST OF PUBLICATIONS

[Google Scholar page](#)

TEXTBOOK

- [Game Theory – Interactive Strategies in Economics and Management](#), Cambridge University Press, 2012

Chinese translation: [博弈论——经济管理互动策略](#), 2015

Originally appeared as

[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.
- E. Ben-Porath, A. Heifetz, [Common knowledge of rationality and market clearing in economies with asymmetric information](#), *Journal of Economic Theory*, Vol. 146, pp. 2608-2626, 2011
- S. Pruett-Jones and A. Heifetz, [Optimal Marauding in Bowerbirds](#), *Behavioral Ecology*, pp. 607-614, 2012
- R. Ostreiher, S. Pruett-Jones, A. Heifetz, [Asymmetric Contests at the Nest](#), *Behavioral Ecology and Sociobiology* Vol. 66, pp. 1237-1246, 2012
- A. Heifetz, M. Meier and B. Schipper, [Unawareness, Beliefs, and Speculative Trade](#), *Games and Economic Behavior*, Vol. 77, pp. 100-121, 2013
- A. Heifetz, M. Meier and B. Schipper, [Dynamic Unawareness and Rationalizable Behavior](#), *Games and Economic Behavior*, Vol. 81, pp. 50-68, 2013
- S. Alon and A. Heifetz, [The Logic of Knightian Games](#), *Economic Theory Bulletin*, 2 (2), 161-182, 2014
- A. Heifetz and A. Perea, [On the Outcome Equivalence of Backward Induction and Extensive Form Rationalizability](#), *International Journal of Game Theory*, Vol. 44(1), pp 37-59, 2015
- A. Heifetz and E. Minelli, [Aspiration Traps](#), *The B.E. Journal of Theoretical Economics (Contributions tier)*, Vol 15(2), pp. 125–142, 2015
- A. Heifetz and E. Minelli, [Overlapping Consensus Thin and Thick: John Rawls and Simone Weil](#), *Philosophical Investigations*, 2015, forthcoming
- A. Heifetz, [On Sublimation and The Erotic Experience: Simone Weil and Hans Loewald](#), *Psychoanalytic Psychology*, 2016, forthcoming
- A. Heifetz and R. Ostreiher, [The Blessing of Having Younger Nestmates: the Case of the Arabian Babbler](#), *Behavioral Ecology*, Vol. 27 (2), pp. 393-400, 2016
- J. Ganguli, A. Heifetz and B.S. Lee, [Universal interactive preferences](#), *Journal of Economic Theory*, Vol. 162, pp. 237–260, 2016

- R. Ostreiher and A. Heifetz, [The Sentinel Behaviour of Arabian Babbler Floaters](#), Royal Society Open Science 4 (2): 160738, 2017

Popular science cover:

- S. Wong, [Bird lookouts make alarm calls to save themselves, not the group](#), *New Scientist*, February 8, 2017
- J. Virskus, [Study says birds are selfish, but are they really?](#), *From the Grapevine*, February 23, 2017

PUBLISHED LECTURE

- A. Heifetz, [Games and Science](#), *Games and Economic Behavior* 68, 789-792, 2010.

CHAPTERS IN BOOKS

- A. Heifetz, [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
- A. Heifetz, E. Segev, E. Talley, [Legislation with Endogenous Preferences](#), in N. Vulkan and A. Roth (eds.), *The Handbook of Market Design*, pp. 456-486, Oxford University Press, 2013

PUBLISHED INTERVIEW

- A. Heifetz, Epistemic Logic - 5 Questions, in V.F. Hendricks and O. Roy (eds.) *Epistemic Logic: 5 Questions*, Automatic Press/VIP, 2010

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.
- S. Ghosh, A. Heifetz, R. Verbrugge, [Do players reason by forward induction in dynamic perfect information games?](#), in R. Ramanujam (ed.), *Proceedings of the 15th conference on Theoretical Aspects of Rationality and Knowledge (TARK)*, 2015

WORKING PAPERS

- [Robust Multiplicity with a Grain of Naiveté](#) (with Willemien Kets)
- [Gratification and Flourishing: Well-being in Interaction](#) (with Enrico Minelli)
- [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).

CURRENT RESEARCH PROJECTS

- Comprehensive Rationalizability (with Martin Meier and Burkhard Schipper)

ACTIVE PARTICIPATION IN SCIENTIFIC CONFERENCES

- 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
- 2012 Conference on Bounded Rationality, the Hebrew University
- 2012 LOFT 10, Seville

- 2012 SING 8, Budapest
- 2012 4th World Congress of the Game Theory Society, Istanbul
- 2013 14th Conference on Theoretical Aspects of Rationality and Knowledge (TARK), Chennai
- 2013 5th Israeli Game Theory Conference, Tel Aviv University
- 2013 2nd international workshop on Game Theory, Epistemic Logic and Related Topics, Tsukuba University
- 2014 8th conference on Logic and Other Foundations of Game Theory and Decision Theory (LOFT), Bergen
- 2015 Joint conferences on “Logic, Game Theory, and Social Choice 8” and “The 8th Pan-Pacific Conference on Game Theory” (LGS 8 & 8 PPCGT), Academia Sinica, Taipei
- 2015 15th conference of the Society for the Advancement of Economic Theory (SAET), Cambridge
- 2016 9th conference on Logic and Other Foundations of Game Theory and Decision Theory (LOFT), Maastricht
- 2016 5th World Congress of the Game Theory Society, Maastricht
- 2016 16th Congress of the International Society for Behavioral Ecology (ISBE), Exeter

CONFERENCE PROGRAM COMMITTEES

- 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

- Member of the Program Committee of the TARK XIII Conference (Theoretical Aspects of Rationality and Knowledge), July 2011.
- Member of the Program Committee of the TARK XIV Conference (Theoretical Aspects of Rationality and Knowledge), January 2013.