

**Ehud LEHRER, Ph.D.**

Department of Statistics and OR  
School of Mathematical Sciences  
Tel Aviv University

## **CURRICULUM VITAE**

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|--------------------------|------------------------------------------------|
| Home Address:            | 5 Barazani St., Ramat Aviv<br>Tel Aviv, Israel |
| Tel. No.:                | 03-641 0259 (home)<br>03-640 8822 (work)       |
| Date and place of birth: | 29.9.54 Jerusalem                              |
| Marital status:          | Married                                        |
| No. of children:         | Three                                          |

## **EDUCATION**

|           |                                                                                                                                                                                                                                                                      |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1977-1979 | B.Sc., Mathematics, Economics and Statistics<br>The Hebrew University of Jerusalem<br>Date of award: September 1979                                                                                                                                                  |
| 1980-1981 | M.Sc., Mathematics<br>The Hebrew University of Jerusalem<br>Date of award: September 1981<br>Title of Masters Thesis: Topological mixing and uniquely ergodic systems<br>Name of Supervisor: Professor Benjamin Weiss                                                |
| 1982-1987 | Ph.D., Mathematics (summa cum laude)<br>The Hebrew University of Jerusalem<br>Date of award: September 1987<br>Title of Doctoral Dissertation: Equilibrium payoffs in repeated games with non-standard information<br>Name of Supervisor: Professor Robert J. Aumann |

## **ACADEMIC AND PROFESSIONAL EXPERIENCE**

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|-------------------|-------------------------------------------------------------------------------------------------------------------|
| 1985-1987         | Instructor, Department of Mathematics, The Hebrew University of Jerusalem, Israel                                 |
| 1987-1990         | Assistant Professor, J.L. Kellogg Graduate School of Management, Northwestern University, Evanston, Illinois, USA |
| 1989-1990         | Assistant Professor, Dept. of Math. Northwestern University, USA                                                  |
| 1990-1992         | Associate Professor, J.L. Kellogg Graduate School of Management, Northwestern University, Evanston, Illinois, USA |
| Oct 1990-Sep 1993 | Alon Fellow, Dept. of Stats. and OR, School of Math. Sci, Tel Aviv University                                     |

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| 1990- 1992     | Senior Lecturer, Department of Statistics, Tel Aviv University                                                         |
| 1992- Aug 1996 | Professor, J.L. Kellogg Graduate School of Management, Northwestern University, Evanston, Illinois, USA                |
| 1992-1996      | Associate Professor, Dept. of Statistics and Operations Research, School of Mathematical Sciences, Tel Aviv University |
| 1997-present   | Professor, Dept. of Statistics and Operations Research, School of Mathematical Sciences, Tel Aviv University           |
| 2006-2008      | Chair, Dept. of Statistics and Operations Research, School of Mathematical Sciences, Tel Aviv University               |

## COURSES

Non-cooperative game theory; Cooperative game theory; Mathematical economics; Statistics for economists; Information, games and probability.

## LIST OF INTERESTS

**Economic Theory:** Economics of information, interactive models, auctions, risk measures.

**Game Theory:** Repeated games, value of information, stochastic games, Bayesian games, learning to play equilibrium, approachability, equilibrium with partial information.

**Decision Science:** Decision under uncertainty, Savage model, non-additive models, integral for capacities, partially specified probabilities.

**Probability:** Merging of probability measures, approachability in large spaces, Ergodic theory.

**Interactive Epistemology:** Agreeing to agree, Common knowledge.

## FELLOWSHIPS AND MEMBERSHIPS IN SOCIETIES

Council member of the Game Theory Society.

Fellow of the Econometric Society.

## EDITORIAL POSITIONS

Editor: *Games and Economic Behavior*

## GRANTS AND AWARDS

Oct 1990 Alon Fellowship

Jun 1991-May 1993 National Science Foundation, Grant No. SES-9022305.

Jun 1993-May 1996 National Science Foundation, Grant No. SES-9223156.

Oct 1997-Sep 2000 Binational Science Foundation, Grant No. 96-00043.

Oct 1999-Sep 2002 The Israel Science Foundation, Grant No. 178/99.

Oct 2000-Sep 2003 Binational Science Foundation, Grant No. 1999440.  
 Oct 2004-Sep 2008 The Israel Science Foundation, Grant No. 762/04.  
 Oct 2005-Sep 2007 Binational Science Foundation, Grant No. 2004-092.  
 Oct 2005-Sep 2007 French-Israel Mathematics Fund (joint with Eilon Solan)

### **M.Sc. STUDENTS SUPERVISED**

|           |                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------|
| 1992-1993 | Eilon Solan, Undiscounted stochastic games, Tel Aviv University.                                              |
| 1994-1995 | Leeat Yariv, Subjects in games with incomplete information on one side, Tel Aviv University.                  |
| 1996-1997 | Zeev Arnon, Optimal covering of hamming spaces, Tel Aviv University.                                          |
| 2000-2001 | Emanuel Milman, Uniform properties of stochastic games and approachability, Tel Aviv University.              |
| 2001-2002 | Galit Ashkevazi, Relative utility and the prosperity index, Tel Aviv University.                              |
| 2002-2004 | Yaron Azrieli, Categories and prototypes, Tel Aviv University.                                                |
| 2004-2005 | Yuval Heller, A minority-proof cheap-talk protocol, Tel Aviv University.                                      |
| 2004-2005 | Nirit Klunover, Ultimatum bargaining behavior of people affected by Schizophrenia, Tel Aviv University.       |
| 2005-2006 | Ricky Roet Green, Truth in surveys: is it possible to make participants say the truth? , Tel Aviv University. |
| 2005-2007 | Roe Teper, On some properties of nonadditive integration, Tel Aviv University.                                |
| 2008-2009 | Yoni Gur, On Nash equilibrium in network location games, Tel Aviv University.                                 |
| 2009-2010 | Yaarit Even, The Shapley value in partially-specified cooperative games, Tel Aviv University.                 |

### **Ph.D STUDENTS SUPERVISED**

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|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1991-1994 | Aviad Heifetz, Infinite levels of mutual knowledge and belief in a group of players (with Professor Dov Samet, Faculty of Management), Tel Aviv University. |
| 1992-1995 | Ran Smorodinsky, Convergence to equilibrium in multi-stage games, Tel Aviv University.                                                                      |
| 2002-2006 | Eran Shmaya, Quantum probability and game theory, Tel Aviv University.                                                                                      |
| 2003-2008 | Galit Ashkevazi-Golan, Games with imperfect monitoring, Tel Aviv University.                                                                                |

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| 2005-2008    | Yaron Azrieli, Three essays on steady states of recurring non-cooperative games, Tel Aviv University. |
| 2007-present | Roe Teper, Tel Aviv University.                                                                       |

Date: April 2010