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EDUCATION

University of California, Berkeley	Ph.D. December 1989 (Economics)
University of Wisconsin	M.A. May 1981 (Statistics)
Miami University	B.S. December 1979 (Mathematics), B.A. (Economics)

EMPLOYMENT

Full Professor, Tel Aviv University, Dept. of Public Policy, 2007 - present.

Research Fellow, Centre for Economic Policy Research (CEPR), 1999 - present.

Head, School of Government and Policy, Tel Aviv University, 2007 - present

Chair, Department of Public Policy, Tel Aviv University, 2002 - 2007.

Professor, Michigan State University, Dept. of Economics, 2003-2004.

Associate Professor, Tel Aviv University, Dept. of Public Policy, 2001 - 2007.

Visiting Associate Professor, Haas School of Business, UC-Berkeley, 2000-2001

Visiting Associate Professor, University of Texas, Department of Economics, 1996-1997.

Senior Lecturer, Tel Aviv University, Dept. of Public Policy, 1996 - 2001.

Lecturer, Tel Aviv University, Department of Economics, 1991 - 1996.

Assistant Professor, Boston University, Department of Finance and Economics, 1989 - 1992.

HONORS

Named as a Fellow of the *International Journal of Industrial Organization* (1997) for significant contributions to the Journal

Gave keynote speech at the 2nd Nordic Workshop in Industrial Organization, Norwegian School of Economics and Business Administration, Bergen, Norway, 1999

Gave keynote speech at 7th ZEW Conference on the Economics of Information and Communication Technologies, Mannheim, Germany, 2009

JOURNAL EDITORIAL POSITIONS

Editor, *International Journal of Industrial Organization* (2005 - present)

Panel Member, *Economic Policy* (2005 – 2007)

Associate Editor, *International Journal of Industrial Organization* (1996 - 2004)

Associate Editor, *Journal of Industrial Economics* (1996 - 2002)

PROFESSIONAL SERVICE

Member, Scientific Committee, Annual Workshop on the Economics of Information Security (WEIS) from 2007 - present

Member, Scientific Committee, Annual CEPR Workshop on Applied Industrial Organization, from 2005 - present

Member, ACM Workshop on Digital-Rights Management program committee, 2002

Member, 17th European Economic Association Annual Congress program committee, 2002

Member, Telecommunications Policy Research Conference program committee, 1999-2001

Served on a Ministry of Communications & Ministry of Finance Committee responsible for re-balancing tariffs in the Telecommunications Industry (1998)

PUBLICATIONS IN REFEREED JOURNALS

- “Network Security: Vulnerabilities and Disclosure Policy,” 2007 (with Jay Pil Choi and Chaim Fershtman), forthcoming, *Journal of Industrial Economics* 2009
- “A Consistent Weighted Ranking Scheme with an Application to NCAA College Football Rankings,” (with Itay Fainmesser and Chaim Fershtman), forthcoming 2009, *Journal of Sports Economics*
- “Indirect Network Effects and Adoption Externalities”, 2008, (with Jeffrey Church and David Krause) *Review of Network Economics* 7 (2008): 325-346.
- “Open Source Software: Motivation and Restrictive Licensing,” 2007, (with Chaim Fershtman) *International Economics and Economic Policy*, 4: 209-225.
- “The Effect of Native Language on Internet Use,” 2006, *The International Journal of the Sociology of Language*, 182:25-40.
- “Personal Value Priorities of Economists,” 2006, (with Sonia Roccas, Lilach Sagiv, Amy Wrzesniewski, *Human Relations*, 58: 1227-1252
- “Technology, Trade, and Adjustment to Immigration in Israel,” 2004, (with Gordon Hanson and Matt Slaughter) *European Economic Review*, 48: 403-428
- “The DVD vs. DIVX Standard War: Empirical Evidence of Network Effects and Preannouncement Effects,” 2003, (with David Dranove), *Journal of Economics and Management Strategy*, 12: 363-386
- “Standards in Wireless Telephone Networks,” 2003, (with David Salant and Leonard Waverman), *Telecommunications Policy*, 27: 325-332
- “New Horizons: Telecommunications Policy in Israel in the 21st Century,” 2003, *Israel Economic Review*, 1:2, 101-111
- “Compatibility, Standardization, & Network Effects: Some Policy Implications,” 2002, *Oxford Review of Economic Policy*, 18: 80-91
- “The Dynamics of Competition in the Internet Search Engine Market,” 2001, *International Journal of Industrial Organization*, 19: 1103-1117
- “Standardization Policy and International Trade” (with Oz Shy), 2001, *Journal of International Economics*, 53: 363-383
- “The Dynamics of Technological Adoption in Hardware/Software Systems: The Case of Compact Disc Players, 2000” (with Michael Kende and Rafael Rob), *RAND Journal of Economics*, 31: 43-61

- “Systems Competition, Vertical Merger, and Foreclosure,” 2000, (with Jeffrey Church), *Journal of Economics and Management Strategy*, 9:25-51
- “Estimating the Effect of Tax Reform in Differentiated Product Oligopolistic Markets,” 1999, (with Chaim Fershtman and Sarit Markovich), *Journal of Public Economics*, 74:151-170
- “Deregulation and Reform in the Israeli Domestic Telecommunications Market,” 1999, *The Economic Quarterly* (in Hebrew: An English version is available at my web site), 3: 439-455
- “Adoptions and Orphans in the Early Microcomputer Market,” 1999 (with Shane Greenstein and David Salant), *The Journal of Industrial Economics*, XLVII: 87-106
- “The Effect of the Arab Boycott on Israel: The Automobile Market,” 1998, (with Chaim Fershtman), *The RAND Journal of Economics*, 29: 193-214
- “Tickling the Tolerance: Currency Reputation and Opportunism in Medieval France,” (with Nathan Sussman), 1997, *The Journal of Money, Credit, and Banking*:29(4)
- “Sequential Auctions of Interdependent Objects: Israeli Cable Television Licenses,” 1997, *The Journal of Industrial Economics*, XLV: 227-244
- “Strategic Entry Deterrence: Complementary Products as an Installed Base,” (with Jeffrey Church), 1996, *European Journal of Political Economy (Symposium on Standardization)*, 12:331-354
- “Compatibility Standards and Complementary Network Externalities in the PC Software Market,” 1995, *Review of Economics and Statistics*, 77: 599-608, 1995
- “Hollygopoly: Oligopolistic Competition for (Hollywood) Movies,” (with David Salant), 1995, *The Antitrust Bulletin*, 40: 699-712
- “A Selective Survey of the Literature on Indirect Network Externalities,” 1995, *Research in Law and Economics*, 17: 23-31
- “Licensing a Sequence of Innovations, (with Katharine Rockett),” 1995, *Economics Letters*, 47:101-107
- “Hedonic Price Indexes for Spreadsheets and an Empirical Test for Network Externalities,” 1994, *The RAND Journal of Economics*, 25: 160-170
- “Disadvantageous Semicollusion,” (with Chaim Fershtman), 1994, *International Journal of Industrial Organization*, 12: 141-296, reprinted in Cartels, S. Salant and M. Lowenstein eds., Elgar Publishing 2005
- “Experimentation and Learning with Network Externalities,” (with Arthur Fishman), 1994, *Economics Letters*, 44: 103-108

“The Development of the Cable Television Industry in Israel, 1994,” *Telecommunications Policy*, 18: 342-347

“Planned Obsolescence as an Engine of Technological Progress,” (with Arthur Fishman and Oz Shy), 1993, *Journal of Industrial Economics*, XLI: 361-370

“Complementary Network Externalities and Technological Adoption,” (with Jeffrey Church), 1993, *International Journal of Industrial Organization*, 11: 239-260

“Coordinating Research Through Research Joint Ventures,” (with Suzanne Scotchmer), 1993, *Journal of Public Economics*, 51: 173-193

“Integration, Complementary Products and Variety,” (with Jeffrey Church), 1992, *Journal of Economics and Management Strategy*, 1: 651-675

“Network Effects, Software Provision, and Standardization,” (with Jeffrey Church), 1992, *Journal of Industrial Economics (Symposium on Compatibility)*, XL 1: 85-104

CHAPTERS IN BOOKS

“A Review of the Economics Literature on Standard Setting Organizations,” in “The Standards Edge: Unifier, or Divider,” forthcoming 2007, the Bolin Group

“Intellectual Property and Standardization Committee Participation in the U.S. Modem Industry,” (with Nataly Gantman and David Genesove) 2007, pps. 208-230 in *Standards and Public Policy*, Shane Greenstein and Victor Stango editors, Cambridge University Press.

“Software Patents,” (with Chaim Fershtman), 2006, pps. 11-29 (first chapter) in *Industrial Organization and the Digital Economy*, Gerhard Illing and Martin Peitz editors, MIT Press.

“Platform Competition in Telecommunications,” 2005, (with Jeffrey Church) pps. 117-153, in *The Handbook of Telecommunications Volume 2*, M. Cave, S. Majumdar, and I. Vogelsang editors, Elsevier

“Surviving a Standards War: Lessons Learned from The Life and Death of DIVX, (with David Dranove)” 2005, pps. 1-14 (first chapter) in *Advances in the Economics of Information Systems*, Kerem Tomak editor, *Idea Group Inc*

“Network Effects, Standardization, and the Internet: What have we learned from the DVD vs. DIVX Battle? (with David Dranove),” pps. 461-477, in *The Commodification of Information*, Niva Elkin-Koren and Neil Netanel editors, 2002, *Kluwer Law International*

“Quantifying the Trade Impact of Compatibility Standards and Barriers: An Industrial Organization Perspective,” pps. 137-153, in *Quantifying the Impact of Technical Barriers to Trade*, Keith Maskus and John Wilson editors, 2001, *University of Michigan Press*

“Sorting Out the Search Engine Market,” pps. 351-367, in *Communications Policy in Transition, The Internet and Beyond*, Ben Compaine and Shane Greenstein editors, 2001, *M.I.T. Press*.

OTHER PUBLICATIONS

“An Introduction to Key Themes in the Economics of Cyber-security,” forthcoming 2007 *Encyclopedia of Cyber Warfare and Cyber Terrorism*, Idea Group Inc

Review of “The Economics of Information Technology: An Introduction” by Hal R. Varian, Joseph Farrell, and Carl Shapiro, 2006, *Journal of Economic Literature* XLIV, 2:459-461.

“Network Effects (Empirical Studies),” 2006, *New Palgrave Dictionary of Economics*, 2nd edition, S. Durlauf and L. Blume editors, Palgrave Macmillan, London UK.

PAPERS SUBMITTED TO REFEREED JOURNALS

“Microstructure of Collaboration: The Network of Open Source Software,” 2009 (with Chaim Fershtman), available at <http://www.tau.ac.il/~gandal/OSS.pdf>, submitted to the *RAND Journal of Economics*

"Obesity and Price Sensitivity at the Supermarket," 2009 (with Anastasia Shabelansky), available at <http://www.tau.ac.il/~gandal/health.pdf>, submitted to *Forum for Health Economics & Policy*, Bepress

REFEREE FOR THE FOLLOWING JOURNALS

American Economic Review
Canadian Journal of Economics
European Economic Review
European Journal of Political Economy
International Journal of Industrial Organization
Journal of Economics and Management Strategy
Journal of Economic Behavior and Organization
Journal of Industrial Economics
Journal of International Economics
Journal of Organizational Computing and Electronic Commerce
Journal of Public Economics
National Science Foundation
RAND Journal of Economics
Review of Economics & Statistics
Review of Economic Studies