

PAVLO PROKOPOVYCH

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Work Address:
Kyiv School of Economics (KSE)
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Education:

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Economics	University of Michigan	2005
M.A.	Economics	University of Michigan	2003
M.A.	Economics	Kyiv-Mohyla Academy (EERC MA program), Kiev, Ukraine	2000
Candidate of Science	Applied Mathematics	V.Glushkov Institute of Cybernetics, Ukrainian Academy of Sciences, Kyiv, Ukraine	1989
M.Sc.	Applied Mathematics	Kyiv State University, Kyiv, Ukraine	1986

Fields:

Microeconomics, Game Theory, Industrial Organization

Courses Taught at the KSE

Microeconomics, Game Theory, Industrial Organization, Mathematics for Economists

Employment:

KSE, Professor, since November, 2021

KSE, Associate Professor, since October 2013

KSE (EERC), Assistant Professor, 2005-2013

Senior Economist, Kyiv Economics Institute, (2005-2017)

Senior Research Fellow, V.Glushkov Institute of Cybernetics, Ukrainian Academy of Sciences, Kyiv, Ukraine, Feb. 1993 to Aug. 1998

Research Fellow, V. Glushkov Institute of Cybernetics, Nov. 1990 to Feb. 1993

Junior Research Fellow, V. Glushkov Institute of Cybernetics, Dec. 1989 to Nov. 1990

Academic Publications in English:

“On nondegenerate equilibria of double auctions with several buyers and a price floor,” with Nicholas C. Yannelis, *Economic Theory*, Vol. 73, 625-654, 2022.

“On monotone approximate and exact equilibria of an asymmetric first-price auction with affiliated private information,” with Nicholas C. Yannelis, *Journal of Economic Theory*, Vol. 184, Article 104925, 2019.

“On strategic complementarities in discontinuous games with totally ordered strategies,” with Nicholas C. Yannelis, *Journal of Mathematical Economics*, Vol. 70, 147-153, 2017.

“Majorized Correspondences and Equilibrium Existence in Discontinuous Games”, *Economic Theory*, Vol. 61, pp. 541-552, 2016.

“On the Existence of Mixed Strategy Nash Equilibria,” with Nicholas C. Yannelis, *Journal of Mathematical Economics*, Vol. 52, pp. 87-97, 2014.

“The Single Deviation Property in Games with Discontinuous Payoffs,” *Economic Theory*, Vol. 53, pp. 383-402, 2013.

“On Equilibrium Existence in Payoff Secure Games,” *Economic Theory*, Vol. 48, pp. 5-16, 2011.

“Repeated Games with Present-Biased Preferences,” with Hector Chade and Lones Smith, *Journal of Economic Theory*, Vol. 139, pp. 157-175, 2008.

“Linear avoidance in the case of interaction of controlled objects groups,” with A.A. Chikrii, in *New trends in dynamic games and applications*, 259-269, *Ann. Internat. Soc. Dynam. Games*, 3, Birkhäuser Boston, Boston, MA, 1995.

Working Papers

“On Uniform Conditions for the Existence of Mixed Strategy Equilibria,” March 2012, with Nicholas C. Yannellis (some parts of it are included in the 2014 JME paper)

“Correlation in Repeated Games with Public Monitoring,” (its unabridged 2006 version “Correlation and Efficiency in Repeated Games”), unpublished

Recent Presentations

New Economic School, Moscow, Russia, September 2008

The 9th Society for the Advancement of Economic Theory Meeting, Ischia, Italy, 2009

Stockholm School of Economics, Sweden, September 2010

UECE Lisbon Meetings 2010: Game Theory and Applications, Lisbon, Portugal, November, 2010

The 11th Society for the Advancement of Economic Theory Meeting, Faro, Portugal, 2011

University of Naples Federico II, Naples, Italy, May 2012

The 12th Society for the Advancement of Economic Theory Meeting, Brisbane, Australia, 2012

The 13th Society for the Advancement of Economic Theory Meeting, Paris, France, 2013

The 15th Society for the Advancement of Economic Theory Meeting, Cambridge, UK, 2015

Nazarbayev University, Astana, Kazakhstan, 2015

The 17th Society for the Advancement of Economic Theory Meeting, Faro, Portugal, 2017

University of Vienna, Vienna, Austria, 2017

The 18th Society for the Advancement of Economic Theory Meeting, Taipei, Taiwan, 2018

The 19th Society for the Advancement of Economic Theory Meeting, Ischia, Italy, 2019

The 2019 Conference on Nonlinear Economic Dynamics (NED 2019), Kyiv, Ukraine

The 20th Society for the Advancement of Economic Theory Meeting, Seoul-online, 2021

Selected Academic Publications in Russian

The full list of publications in applied mathematics in Russian-language journals is available upon request. The spelling of my name in Russian is P.V. Prokopovich.

“Normal Lagrangians in differential pursuit games,” with V.I. Lyashko, (Russian. English summary) *Dopov. Nats. Akad. Nauk Ukr. Mat* (Reports of the Ukrainian Academy of Sciences). *Prirodozn. Tekh. Nauki*, no. 5, 98—101 (1997)

“Nonlinear approach problem in the class of measurable strategies,” *J. Automat. Inform. Sci.*, v 28, no 1, 139-144 (1996) (translated from *Avtomatika*).

“Lower semicontinuous dependences in differential pursuit games,” with A.A. Chikrii, (Russian. English, Ukrainian summary) *Kibernet. Sistem. Anal.*, no. 4, 96-108, 188 (1995); translation in *Cybernet. Systems Anal*, 31, no. 4, 562-570 (1996). (available at www.springerlink.com)

“The problem of evasion from a group for inertial objects of a single type,” with A.A. Chikrii, (Russian. Russian summary) *Differentsialnye Uravneniya* 30, no. 6, 998-1004, 1101-1102 (1994); translation in *Differential Equations* 30, no. 6, 924-929 (1994)

“A linear evasion problem with interaction of groups of objects,” with A.A. Chikrii, (Russian. Russian summary) *Prikl. Mat. Mekh.* 58, no. 4, 12-21 (1994); translation in *J. Appl. Math. Mech.* 58, no. 4, 583-591 (1994) (available at www.sciencedirect.com)

“The evasion problem in the interaction of groups of linear objects,” with A.A. Chikrii, (Russian) *Dokl. Ross. Akad. Nauk*, no. 5, 591-593 (1993); translation in *Russian Acad. Sci. Dokl. Math.* 48, no. 3, 626-629 (1994).

“Simple pursuit of one evader by a group,” with A.A. Chikrii, (Russian. English, Ukrainian summary) *Kibernet. Sistem. Anal.*, no. 3, 131-137, 190 (1992); translation in *Cybernet. Systems Anal.* 28, 438-444 (1993) (available at www.springerlink.com)

“The problem of group pursuit in differential-difference games,” *J. Automat. Inform. Sci.* 25 (1992), no. 3, 14-19 (1993); translated from *Avtomatika*, no. 3, 14-19, 94 (1992).

“Quasilinear conflict-control processes with nonfixed time,” with A.A. Chikrii, (Russian) *Prikl. Mat. Mekh.* 55, no. 1, 63-71 (1991); translation in *J. Appl. Math. Mech.*, 55, no. 1, 48-55 (1992) (available at www.sciencedirect.com)

“Pursuit and evasion problem for interacting groups of moving objects,” with A.A. Chikrii, (Russian. English summary) *Kibernetika* (Kiev), no. 5, 59-63, 78, 134 (1989); translation in *Cybernetics* 25, no. 5, 634-640 (1990) (available at www.springerlink.com).

Policy-related publications in magazines and newspapers in English

“Business Sense: The big question: Is default noose hanging over Ukraine?” Kyiv Post, March, 2009

<http://www.kyivpost.com/content/business/business-sense-the-big-question-is-default-noose-h.html>

“Is an economic recession inevitable for Ukraine?” Kyiv Post, Oct. 8, 2008

<http://www.kyivpost.com/content/business/is-an-economic-recession-inevitable-for-ukraine.html>

“No economic strategy, no coalition,” Kyiv Post, July 13, 2006

<http://www.kyivpost.com/opinion/op-ed/no-economic-strategy-no-coalition-24793.html>

“Inflation Dominates 2008 Economic Outlook,” Ukrainian Observer & U.S.-Ukraine Business Council Business Journal, January 2008

“Is Ukraine’s economic growth speculation led,” Ukrainian Observer, June 2007

“More stable economic growth policy needed,” Ukrainian Observer, March 2007

“Some Comments of the “Investment-Innovation” Model of economic Development, Ukrainian Observer, December 2006

“Considering the Option of Federalism,” Ukrainian Observer, September 2006

Refereeing Services: Economic Theory, Journal of Mathematical Economics, Games and Economic Behavior, Journal of Economic Theory, Theoretical Economics, Journal of Economic Behavior and Organization, Mathematical Social Sciences, Mathematics of Operations Research, Operations Research Letters, Economic Inquiry, Economic Theory Bulletin, Control and Cybernetic, Pure and Applied Functional Analysis

Editorial Work: A member of the editorial board of Economic Theory and Economic Theory Bulletin (2017-)

Other Work: Member of the Ukraine’s National Council for Science and Technology Development Issues (2017-2019)

Membership

Economic Theory fellow, Society for the Advancement of Economic Theory, Econometric Society