

TAKUO SUGAYA

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Education:

B.A., International Relations, University of Tokyo, 2005

M.A., Economics, University of Tokyo, 2007

M.A., Economics, Princeton University, 2009

Ph.D., Economics, Princeton University, 2012 (Expected)

Dissertation: Essays on Repeated Games with Private Monitoring

Job Market Paper: Folk Theorem in Repeated Games with Private Monitoring

I show that the folk theorem generically holds for N -player repeated games with private monitoring when each player's number of signals is sufficiently large. Neither cheap talk communication nor public randomization is necessary.

Fields of Interests:

Microeconomic Theory, Game Theory, Political Economy and Microeconomic Foundation of Money.

Publications:

"Recursive Methods in Discounted Stochastic Games: An Algorithm for $\delta \rightarrow 1$ and a Folk Theorem" (with Johannes Hörner, Satoru Takahashi and Nicolas Vieille). *Econometrica* 79, July 2011, 1277-1318.

Research Papers:

"Belief-Free Review Strategy Equilibrium without Conditional Independence." Revise requested from *Theoretical Economics*.

"Asynchronous Revision Games with Deadline: Unique Equilibrium in Coordination Games" (with Yuichiro Kamada). Revise requested from *Theoretical Economics*.

"Folk Theorem in a Repeated Prisoners' Dilemma without Conditional Independence."

"The Folk Theorem in Repeated Games with Private Monitoring."

"Coordination Failure in Repeated Games with Private Monitoring" (with Satoru Takahashi).

"Characterizing the Limit Set of PPE Payoffs with Unequal Discounting."

"Valence Candidates and Ambiguous Platforms in Policy Announcement Games" (with Yuichiro Kamada).

"The Real Indeterminacy of the Unemployment Rate in a Dynamic General Equilibrium Model."

Teaching Experience:

Mathematics for Economists (G), Teaching Assistant (Prof. Satoru Takahashi)
Game Theory (U), Teaching Assistant (Prof. Dilip Abreu)
Introductory Macroeconomics (U), Teaching Assistant (Prof. Alan Blinder)

Professional Activities:

Seminars and conference presentations at

2011	Micro Lunch Seminar at Yale University
2010-2011	Stony Brook
2008-2011	Summer Workshop in Economic Theory
2010	Econometric Society World Congress
2009	Econometric Society Far Eastern and South Asian Meeting
2007	JEA Meeting

Referee for *American Economic Review*, *Econometrica*, *Games and Economic Behavior*, *International Journal of Game Theory*, *Journal of Economic Theory* and *Theoretical Economics*.

Research Assistant for Professor Stephen Morris (Summer 2008, Summer 2009, Summer 2010)

Honors, Awards, and Fellowships:

2011-2012	Charlotte Elizabeth Procter Fellowship (university-wide competitive honorific fellowship awarded to students displaying the highest scholarly excellence in graduate work during the year)
2007-2009	Murata Overseas Scholarship Foundation
2007	Research Fellow of the Japan Society for the Promotion of Science
2005-2007	Shin-Nihon Scholarship
2005	Presidential Award from University of Tokyo
2005	Valedictorian of the Department of Social and International Relations, University of Tokyo

Languages: English (fluent), Japanese (native)

Software Skills: Matlab, Mathematica

References:

Stephen Morris (advisor)	Department of Economics, Princeton University, Fisher Hall, Princeton, NJ 08544-1021 <u>Phone:</u> +1-609-258-4032 <u>Email:</u> smorris@princeton.edu
Yuliy Sannikov	Department of Economics, Princeton University, Fisher Hall, Princeton, NJ 08544-1021 <u>Fax:</u> +1-609-258-6419 <u>Email:</u> sannikov@gmail.com
Satoru Takahashi	Department of Economics, Princeton University, Fisher Hall, Princeton, NJ 08544-1021 <u>Phone:</u> +1-609-258-7919 <u>Email:</u> satorut@princeton.edu
Johannes Hörner	Department of Economics, Yale University, 30 Hillhouse Avenue, Room 23A, New Haven, CT 06520 <u>Phone:</u> +1-203-432-5352 <u>Email:</u> johannes.horner@yale.edu