Harutaka Takahashi *Curriculum Vitae*

Contact Information

Address: 5-12-7 Fukasawa, Setagaya-ku Tokyo 158-0081, Japan

Telephone and Fax: +81 3 5707-7797

Email: haru@eco.meijigakuin.ac.jp

Date of Birth: October 7, 1950

Citizenship: Japanese

Education:

B.A.: Doshisha University, Japan, March 1973

M.A.: Kobe University of Commerce, Japan, March 1975

M.A.: University of Rochester, U.S.A., February 1981

Ph.D.: University of Rochester, U.S.A., September 1985

Ph.D. Thesis (1985):

"*Characterizations of Optimal Programs in Infinite Horizon Economies*"

Supervised by Lionel W. McKenzie

Employment:

・ Department of Economics, The University of Saskatchewan, Saskatoon, Saskatchewan, Canada

Assistant Professor: September 1986 – September 1988,

・Department of Economics, Meiji Gakuin University, Tokyo, Japan

Assistant Professor: September 1988 – September 1989

Associate Professor: September 1989 – September 1996

Professor: September1996 - March 2019

Professor Emeritus: April 2019 – Present.

・School of Social Sciences, Waseda University, Tokyo, Japan

Adjunct Professor: April 2008 – March 2018

Current Affiliation

・Graduate School of Economics, Kobe University,

2-1 Rokkodai-cho, Nada-ku, Kobe 657-8501, Japan

Research Fellow: April 2020 – Present.

Honors and Awards

The Fulbright Scholarship, 1977-79.

Teaching Experience

Intro. Microeconomics, Advanced Microeconomics, Intro. Macroeconomics, Advanced Macroeconomics, Managerial Economics, Econometrics, Financial Econometrics, Japanese Economy, Public Finance

References

- Professor Kazuo Nishimura, RIEB, Kobe University and KIER, Kyoto University, Japan, Email: nishimura7124@gmail.com

- Professor Alain Venditti, Aix-Marseille Univ., CNRS, EHESS, Central Marseille, AMSE & EDHEC Business School, France, Email: alain.venditti@univ-amu.fr

- Professor Ali Kahn, Department of Economics, Johns Hopkins University, Email: akhan@jhu.edu

Chapter in Books

1. "Nonbalanced Growth in a Neoclassical Two-Sector Optimal Growth Model," in K. Nishimura, A. Venditti and N. Yannelis eds., *Sunspots and Non-Linear Dynamics; Essays in Honor of Jean-Michel Grandmont,* Springer, 2017.

2. "A Turnpike Theorem with Public Capital," *in Optimization, Dynamics, and Economic Analysis, Physica-Verlag,* 2000.

3. "Factor Intensity and Hopf Bifurcations," (with K. Nishimura) in Gustav Feichtinger ed., *Dynamic Economic Models and Optimal Growth*, Elsevier Science, 1992.

4. "Turnpike Properties, and Comparative Dynamics of General Capital Accumulation Games," (with E. Dockner) in R. Becker, M. Boldrin and W. Thomson eds., *General Equilibrium, Growth, and Trade II*, Academic Press, 1993.

Journal Articles

1. "A dynamic theory of the declining aggregated labor income share: Intangible capital vs. tangible capital," with Antoine le Riche (Sichuan University)*, Research in Economics 75,*104-118, 2021.

2. "Role of latent tuberculosis infections in reduced COVID-19 mortality: Evidence from an instrumental variable method analysis," *Medical Hypotheses 144*, 2020.

3. "A new route to the rapid growth of the service sector: Rise of the standard of living," *Studies in Nonlinear Dynamics and Econometrics Vol. 23, issue 4*, 2019.

4. "Does the Capital-intensity Matter?: Evidence from the Post-war Japanese Economy and Other OECD Countries" (with Mashiyama and Tomoya Sakagami) *Macroeconomic DynamicsVol.16, Supplement S1, 2012.*

5. "Global Externalities, Endogenous Growth and Sunspot Fluctuations," *Advanced Studies Vol.53*, 2009.

6. "Optimal Balanced Growth in a General Multi-sector Endogenous Growth Model with Constant Returns," *Economic Theory Vol.37, #1*, 2008.

7. "Endogenous Fluctuations in Two-sector models: Role of Preferences," *Journal of Optimization Theory and Application Vol.128, #2,* 2006.

8. "Stable Optimal Cycles with Small Discounting in A Two-Sector Discrete-Time Model: A Non-bifurcation Approach," *Japanese Economic Review Vol52, No.3*, 2001.

9. "Comparing Open-Loop with Markov Equilibria in a Class of Differential Games," (with N. V. Long and Koji Shimomura) *Japanese Economic ReviewVol.49 No.4*, 1999.

10. "Transitional Dynamics of Economic Integration and endogenous Growth," (with Tomoya Sakagami), *Journal of Economic Behavior and Organization vol. 33*, pp. 543-55, 1998.

11. " Capital Movements, Intersectoral Resource Shifts, and The Trade Balance with Recursive Preferences," *Pacific Economic Review Vol.2 #1, 1996.*

12. "Stability and Entry in a Dynamic Cournot Market," (with E. Dockner) *The Economic Studies Quarterly Vol.45#2*, 1994.

13. "The von Neumann Facet and a Global Asymptotic Stability,*" Annals of Operations Research Vol.37*, 1992.

14. "On the Saddle-Point Stability for a Class of Dynamic Games," (with E. Dockner) *Journal of Optimization Theory and Application Vol. 62 #2*, 1990.

15. "Further Turnpike Properties for General Capital Accumulation Games," (with E. Dockner) *Economics Letters Vol.28 #4*, 1988.

Publications in Japanese

1. "Re-examination of the median voter hypothesis in expenditures of local governments: The Japanese prefectural panel data," *Japan Economic Studies No. 50 (Japan Center for Economic Research),* 2004(refereed).

2. "Diagrammatical explanations for the resource allocation with public goods," *Fiscal Studies 4 (Japan Institute of Public Finance)*, 2008(refereed).

3. *Introduction to Empirical Analysis with EViews Vol.1 and Vol.2* (Nihon Hyoronsha, Tokyo), 2008.

4. *Studying Empirical Analysis with EViews* (Nihon Hyoronsha, Tokyo), 2013.

5. *Introduction to Data Analysis with EViews* (Tokyo Tosho, Tokyo), 2013.

Kobe University Working Papers

1. "A dynamic theory of the Feldstein-Horioka Puzzle and financial frictions: Re-estimation of the saving retention coefficient," Discussion Paper 2007, 2020. (Currently under revision for a possible publication in *International Economics*.)
2. "Toward a theory of the labor share's fall: A dynamic model of "superstar" Firm," Discussion Paper No.2127, 2021.

Works in Progress

1. "Balanced-budget fiscal rules in a two-sector finance constrained model," with Antoine Le Riche (Oxford Bricks), July 2022. (Currently submitting to *Pacific Economic Review*.)
2. "Improved prediction of new COVID-19 cases using a simple vector autoregressive model: Evidence from seven New York State counties," with Takayoshi Kitaoka (Meiji University), September 2022. (Currently submitting to *Biology Methods and Protocols*.)

Invited and Conference Presentation (last 5 years)

1. "A dynamic theory of the Feldstein-Horioka puzzle and financial frictions," in *The International Conference on Economic Structures 2022*, March 2022 in Yokohama.
2. "A dynamic theory of the declining aggregated labor income share: Intangible capital vs. tangible capital," in The International Conference "Real and Financial Interdependencies: Stability, international openness and regulation policies" in Marseille, June 2019.
3. "A nonlinear approach to growth and structural change: Towards a theory of the fall of the labor share," in *The 26th Symposium of the Society of Nonlinear Dynamics and Economics* at Keio University in March 2018.
4. "A new route to the rapid growth of the service sector: Rise of the standard of living," in The 18th Annual SAET Conference at Academia Sinica in June 2018.
5. "A Two-sector growth model with endogenous technical progress: when Romer meets Uzawa," in The 14th Viennese Conference on Optimal Control and Dynamics in July 2018.

6. "A new route to structural change in a continuous-time two-sector optimal growth model: consumption externalities," in *Real and Financial Interdependences: new approaches with dynamic equilibrium models* at the Paris School of Economics in July 2017.

7. "Existence and Indeterminacy of Feedback Nash Equilibria in Capital Accumulation Games," in 10th NED Conference in Pisa, September 2017.

Journal Referee (last 5 years)

Econometrica, Economic Theory, Japanese Economic Review, Journal of Public Economic Theory, Hitotsubashi Journal of Economics, Journal of Economic Dynamics and Control, Journal of Macroeconomic Dynamics, International Journal of Economic Theory, Journal of International Money and Finance, Mathematical Social Sciences, Statistics in Medicine.

As of September 10, 2022