

# **Curriculum Vitae: Ngo Van LONG**

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**Family name:** LONG

**Other Names:** Ngo Van

## **Office Address**

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## **Languages**

English, French, Vietnamese

## **Academic Qualifications**

1972: B.Ec., First Class Honours, La Trobe University, Victoria, Australia

1975: Ph.D., Australian National University

Thesis: International Borrowing for Resource Extraction

Thesis Supervisor: John D. Pitchford

Examiners: Edwin Burmeister, Ronald W. Jones, Brian Johns

## **Awards and honours**

1968 - 1971: Colombo Plan Scholarship, awarded by the Australian Government

1972: University Medal, La Trobe University

1972 - 1974: Australian National University Graduate Scholarship

1975: John Crawford Prize for the Ph.D. Thesis

2003 - 2016: Holder of James McGill Chair, Department of Economics, McGill University (renewed in 2010).

2005: Distinguished Alumnus, ANU College of Business & Economics, Australian National University

2010: Award for Distinction in Research, Faculty of Arts, McGill University

## **Research Interests and Contributions to Economics**

My research covers a wide range of issues in microeconomic theory with specialization in four separate but related fields of economics, stressing their complementarity and intersections:

1. **Resources and Environmental Economics**: Past publications focused on the theory of the extractive firm in a dynamic context, and the theory of environmental control. Current research focuses on energy policies in the context of climate change.
2. **Theory of International Trade**: Past publications focused on (i) the role of natural resources in international trade, and (ii) the political economy of lobbying for trade protection. Current research focuses on the theory of trade liberalization, trade in services, and international outsourcing.
3. **Theory of Dynamic Optimization and Dynamic Games in Economics**: Past publications focused on optimization problems in continuous time, with applications to growth theory, and dynamic interactions among far sighted firms. Current research focuses on dynamic games with asymmetric structures, such as dynamic leader-follower games, dynamic theory of principal-agent relationship.
4. **Applied Microeconomic Theory**: Past publications focused on oligopoly theory, vertical integration, and merger. Current research focuses on the theory of on-the-job training, investment in firm-specific human capital, and brain drain.

## **Academic Appointments**

January 1975 - December 1977: Lecturer in Economics, Australian National University

January 1978 - December 1983: Senior Lecturer in Economics, Australian National University

January 1984 - August 1987: Reader in Economics, Australian National University

August 1987 - December 1988: Professor of Economics, Australian National University

January 1989 – December 2002: Professor of Economics, McGill University

January 2003 - present: James McGill Professor of Economics, McGill University

### **Visiting Positions**

- Research Associate, Harvard University (1978)
- Visiting Professor, University of Mannheim, Mannheim, Germany (1982)
- Research Associate, Centre of Operations Research and Econometrics (CORE), Louvain-la-Neuve, Belgium (1982)
- Visiting Professor, Research Institute for Economics and Business Administration, Kobe University, Kobe, Japan (July 1986, August 1994)
- Visiting Professor, Carleton University, Ottawa, Canada (1986)
- Visiting Professor, Institut für Weltwirtschaft, Kiel, Germany (August 1989)
- Visiting Professor, Institute for Advanced Studies, Vienna, Austria (July 1990)
- Visiting Professor, Université d' Aix-Marseille II, Aix-en-Provence, France (May 1992, May 1993)
- Visiting Professor, Université de Toulouse, France (June 1998)
- Visiting Professor, Center for Economic Studies, University of Munich (June 1996, June 2004)
- Visiting Professor, School of Economics, University of Adelaide (July, 2009 and July 2010)

### **Courses Taught**

Microeconomic Theory (Graduate level); International Trade (Graduate and Undergraduate Levels); Open-economy Macroeconomics (Graduate and

Undergraduate Levels); Natural Resources and Environmental Economics (Graduate Level); Optimal Control Theory and Dynamic Games (Graduate and Undergraduate Level); Advanced Economic Theory (Undergraduate Level).

## **Other Professional Activities**

- Associate Editor, *Journal of International Economics* (1991-1993)
- Co-Editor, *Canadian Journal of Economics* (2001-2004)
- Member of Editorial Board, *European Journal of Political Economy* (May 1994 - present)
- Associate Editor, *International Game Theory Review* (June 1999 - present)
- Member of Editorial Board, *Journal of Environmental Economics and Management* (January 2000 – December 2008)
- Associate Editor, *Review of International Economics* (July 2001 - present)
- Member of Editorial Council, *Review of Development Economics* (March 2004 - present)
- Member of Editorial Board, *Australian Economic Papers* (May 2004 - present)
- Member of Editorial Board, *Mathematical Social Sciences* (March 2007 - present)
- Member of Editorial Board, *Trade and Development Review* (from January 2008)
- Member of Editorial Board, *Pacific Economic Review* (July 2008-present)
- Associate Editor, *Journal of Public Economic Theory* (Sept 2008-present)
- Member of Editorial Board, *Letters in Spatial and Resource Sciences*, from January 2010

- Associate Editor, *Asia-Pacific Journal of Accounting and Economics* (April 2010-present)
- Member of Editorial Board, *Environmental Economics and Policy Studies*, the official journal of the Society of Environmental Economics and Policy Studies, <http://www.springer.com/economics/environmental/journal/10018>). From September 2010.
- Fellow, **CIRANO** (Centre Inter-universitaire de Recherche en Analyse des Organisations), Montréal, Québec, Canada
- Research Fellow, the **CESifo** Research Network, Munich Society for the Promotion of Economic Research
- Research Fellow, **CIREQ** (Centre Inter-universitaire de Recherche en Economie Quantitative), Montréal, Québec, Canada
- Research Associate, **ACBEE** (Australian Centre for Biosecurity and Environmental Economics), The Australian National University.
- Member, Global Environmental and Climate Change Centre (**GEC3**), [www.mcgill.ca/gec3](http://www.mcgill.ca/gec3). From September 2010.
- Member, Comité d'évaluation, **Fonds québécois de la recherche sur la société et la culture**, Programme *Soutien aux équipes de recherche*, 2005
- Consultant for **Ontario Council of Graduate Studies** (evaluation of MA program in economics, University of Waterloo, 2002)
- Consultant for **Ontario Council of Graduate Studies** (evaluation of Ph. D, MA, and undergraduate programs in economics, University of Waterloo, 2009)

## **Publications**

### **A. Books**

1. Exhaustible Resources, Optimality and Trade, (with M.C. Kemp), North Holland Publishing Company, Amsterdam and New York, **1980** (259 pages)

2. Essays in the Economics of Exhaustible Resources, (with M.C. Kemp), North Holland Publishing Company, Amsterdam and New York, **1984** (250 pages)
3. Labor Unions and the Theory of International Trade, (with M.C. Kemp and K. Shimomura), Elsevier Science Publishers (North Holland), Amsterdam, **1991** (250 pages)
4. Optimal Control Theory and Static Maximization in Economics, (with D. Léonard), Cambridge University Press, **1992** (353 pages)
5. Trade, Welfare, and Economic Policies: Essays in Honour of M.C. Kemp, (joint editor with H. Herberg), University of Michigan Press, **1993** (414 pages)
6. Differential Games, with Applications to Economics and Management Science, (with E. Dockner, S. Jorgensen, and G. Sorger), Cambridge University Press **2000** (350 pages)
7. Globalization and Emerging Issues in Trade Theory and Policies, (co-editor, with Binh Tran-Nam and Makoto Tawada), Emerald Press, U.K. **2008** (286 pages)
8. Dynamic Games in Economics: A Survey, World Scientific, Singapore, **2010** (275 pages).

#### **B. Articles in refereed journals**

1. On a Paradox in the Theory of International Capital Movements, *Economic Record*, 49 (127), **1973**, 440-446
2. International Borrowing for Resource Extraction, *International Economic Review*, 15 (1), **1974**, 168-183
3. The Theory of the Mining Firm and the Optimal Extraction of a Non-Renewable Resource, *Australian Economic Papers*, 13 (23), **1974**, 293-297

4. Resource Extraction Under the Uncertainty About Possible Nationalization, *Journal of Economic Theory*, 10 (1), **1975**, 42-53
5. Infant Industry Protection, Dynamic Internal Economies and the Non-Appropriability of Consumers' and Producers' Surplus, *Economic Record*, 51 (134), **1975**, 256-262
6. Infant Industry Protection: A Rejoinder, *Economic Record*, 51 (134), **1975**, 265-266
7. Risk Aversion and Wealth Effect on Portfolios with Many Assets: An Extension, *Review of Economic Studies*, 40 (131), **1975**, 473-477
8. Expectation Revision and Optimal Learning in a Foreign Investment Model, *International Economic Review*, 17 (2), **1976**, 247-261
9. On Some Unresolved Issues in Capital Theory: An Application of Samuelson's Correspondence Principle, (with E. Burmeister), *Quarterly Journal of Economics*, 19 (362), **1977**, 289-314. (Reprinted in R. Becker and E. Burmeister (eds.), *Growth Theory: Volume 2: Optimal Growth Theories*, International Library of Critical Writings in Economics, No. 10, Aldershot, Edward Elgar, UK, 1991, 270-295)
10. On Optimal Control Problems with Integrands Discontinuous With Respect to Time, (with M.C. Kemp), *Economic Record*, 53, **1977**, 405-420
11. The Optimal Consumption of Depletable Resources: Comment, (with M.C. Kemp), *Quarterly Journal of Economics*, 92 (366), **1978**, 345-353
12. Pontryagin's Principle for Problems with Isoperimetric Constraints and for Problems with Inequality Terminal Constraints: Comment, (with B.A. Forster), *Journal of Optimization Theory and Applications*, 25 (2), **1978**, 317-322
13. Production, Trade and Distribution under the Threat of Catastrophe: The Ricardian Case, (with H. Herberg and M.C. Kemp), *Zeitschrift für die gesamte Staatswissenschaft*, 134 (2), **1978**, 286-300
14. Optimal Inter-regional Movement of Labor: A Theoretical Model, *Australian Economic Papers*, 17, **1978**, 290-302

15. Two Theorems on Generalized Diminishing Returns and their Applications to Economic Analysis, *Economic Record*, 55, **1979**, 58-63
16. The Interaction between Resource-Poor and Resource-Rich Economies, (with M.C. Kemp), *Australian Economic Papers*, 18, **1979**, 258-267
17. On the Under-Exploitation of Natural Resources: A Model with Overlapping Generations, (with M.C. Kemp), *Economic Record*, 55, **1979**, 214-223
18. International Trade with an Exhaustible Resource: A Theorem of Rybczynski Type, (with M.C. Kemp), *International Economic Review*, 20, **1979**, 671-677
19. Money, Inflation and Maximizing Behaviour, (with M.C. Kemp), *Economics Letters*, 2, **1979**, 321-326
20. On Comparing Risks when the Probability Distributions are not Fully Known, *Australian Economic Papers*, December **1980**, 364-367
21. On Two Folk Theorems Concerning the Extraction of Exhaustible Resources, (with M.C. Kemp), *Econometrica*, 48, **1980**, 663-673
22. On the Possibility of Deriving Conclusion of Stolper-Samuelson Type when Commodity Prices are Random, (with M.C. Kemp and K. Okuguchi), *Economic Studies Quarterly*, 32 (2), **1981**, 111-116
23. Rybczynski Theorem in the Context of Exhaustible Resources: the Case of Time-Contingent Prices, (with M.C. Kemp), *International Economic Review*, 23 (3), **1982**, 699-710
24. Substitute for a Depletable Resource and the Monopolistic Conservationist Presumption, (with A.L. Hillman), *Australian Economic Papers*, 21, **1982**, 193-199
25. A Note on Solow's Survival Problem, (with M.C. Kemp), *Economic Letters*, 10, **1982**, 381- 384



26. Conditions for Survival of a Small Resource-Importing Economy, (with M.C. Kemp), *Journal of International Economics*, 13, **1982**, 135-142
27. Optimal Quality Levels and Research Efforts by a Monopolist: The Case of Zero-One Demand, *Wien Quartalshefte*, 1, **1982**, 55- 62
28. On the Economics of Forests, (with M.C. Kemp), *International Economics Review*, 24 (1), **1983**, 113-131
29. Pricing and Depletion of an Exhaustible Resource when there is Anticipation of Trade Disruption, (with A.L. Hillman), *Quarterly Journal of Economics*, 98(2), **1983**, 215-233
30. The Effects of a Booming Export Industry on the Rest of the Economy, *Economic Record*, 58 (164), **1983**, 57-60
31. Dynamic Properties of a Simple Overlapping-Generations Model, (with W. Chang and M.C. Kemp), *Oxford Economic Papers*, 35, **1983**, 366-372
32. Lay-off Restraints and the Demand for Labour, (with H. Siebert), *Zeitschrift fur die gesamte Staatswissenschaft*, 139 (4), **1983**, 612-624
33. Money, Inflation and Maximizing Behavior: The Case of Many Countries, (with W. Chang and M.C. Kemp), *Journal of Macroeconomics*, 5 (3), **1983**, 251-263
34. On the Economics of International Fisheries, (with C. Chiarella, M.C. Kemp, and K. Okuguchi), *International Economic Review*, 25 (1), **1984**, 85-92
35. Three Pitfalls in the Construction of Family-Based Models of Population Growth, (with M.C. Kemp and D. Léonard), *European Economic Review*, 25, **1984**, 345-354
36. Eating a Cake of Unknown Size: the Case of a Growing Cake, (with M.C. Kemp), *Economic Letters*, 18 (2), **1985**, 67-69
37. An Equivalence Theorem in the Theory of Exhaustible Resources, (with D. Léonard), *Economic Letters*, 18 (1), **1985**, 93-95

38. Monopolistic Recycling of Oil Revenue and Intertemporal Bias in Oil Depletion and Trade, (with A.L. Hillman), *Quarterly Journal of Economics*, 100 (3), **1985**, 597-624
39. Sharp Points in Production Surface, (with M.C. Kemp and M. Tawada), *Oxford Economic Papers*, 37 (3), **1985**, 375-381
40. Surprise Price Shift, Tax Changes and the Supply Behaviour of Resource Extracting Firms, (with H.W. Sinn), *Australian Economic Papers*, 24 (45), **1985**, 278-289
41. Risk Aversion, Terms of Trade Uncertainty and Trade Policy, (with J.H. Cassing and A.L. Hillman), *Oxford Economic Papers*, 38 (2), **1986**, 234-242
42. Set-up Costs and the Theory of Exhaustible Resources, (with J.M. Hartwick and M.C. Kemp), *Journal of Environmental Economics and Management*, 13 (3), **1986**, 212-224
43. Education, Overlapping Generations, and the Existence of Equilibrium, (with M.C. Kemp), *Economic Letters*, 22, **1986**, 91-95
44. Trade Unions, Seniority and Unemployment, (with M.C. Kemp and D. Léonard), *European Economic Review*, 31 (5), **1987**, 1093-1112
45. Union Power in the Long Run, (with M.C. Kemp), *Scandinavian Journal of Economics*, 89 (1), **1987**, 103-113
46. Risk-averse Rent Seeking with Shared Rents, (with N. Vousden), *Economic Journal*, 97 (388), **1987**, 971-985
47. A Family-Based Model of Population Growth, (with M.C. Kemp and D. Léonard), *International Journal of Development Planning Literature*, 2, **1988**, 121-137
48. Optimal Forest Rotation under Monopoly and Competition, (with P. Crabbé), *Journal of Environmental Economics and Management*, 17, **1989**, 54-65
49. Trade Unions in an Open Economy: A General Equilibrium Analysis, (with R. Brecher), *Economic Record*, 65 (190), **1989**, 234-239

50. Optimal Foreign Borrowing: The Impact of the Planning Horizon on the Half and Full Debt Cycle, (with H.Siebert), *Zeitschrift für Nationalökonomie*, 49 (3), **1989**, 279-297
51. Innovation and the Transfer of Technology: A Leader-Follower Model, (with C. Chiarella and M.C. Kemp), *Economic Modelling*, 6 (4), **1989**, 452-456
52. On the Organization of Rural Markets and the Process of Economic Development: A Comment, *American Economic Review*, 75 (5), **1989**, 1297-1298
53. Union Power in the Long Run Reconsidered: Comment, (with M.C. Kemp), *The Scandinavian Journal of Economics*, 91 (4), **1989**, 747-748
54. The Relaxation of Price Control, The General Price Level, and Welfare, (with M.C. Kemp), *Journal of Macroeconomics*, 12 (2), **1990**, 221-246
55. On the Optimal Timing of Foreign Aid, (with M.C. Kemp and K. Shimomura), *Kobe Economics and Business Review*, 35, **1990**, 27-49
56. Union Power in the Long Run: the Case in which Capitalists Save Optimally, (with M.C. Kemp), *IFO-Studien*, 36 (4), **1990**, 229-244
57. Institutional Competition versus Ex-ante Harmonisation: the Case of Environmental Policy, (with H. Siebert), *Journal of Institutional and Theoretical Economics*, (Zeitschrift für die gesamte Staatswissenschaft), 147, **1991**, 296-311
58. Protectionist Responses and Declining Industries, (with N. Vousden), *Journal of International Economics*, 30, **1991**, 87-104
59. Rent-Seeking with Uncertain Opposition, (with R. Cairns), *European Economic Review*, 35, **1991**, 1223-1235
60. Pollution Control: A Differential Game Approach, *Annals of Operations Research*, 37, **1992**, 283-296

61. Some Properties of Egalitarian Economies, (with M.C. Kemp), *Journal of Public Economics*, 49, **1992**, 383-387
62. The Transition of a Socialist Firm into a Market Economy, (with H. Siebert), *Journal of Economics, (Zeitschrift fur Nationalokonomie)*, 56 (1), **1992**, 1-21
63. The Dynamic Rybczynski Theorem and its Dual, *Journal of International Economic Integration*, 7, **1992**, 137-150
64. Cyclical and Non-cyclical Redistributive Taxation, (with M.C. Kemp and K. Shimomura), *International Economic Review*, 34, **1993**, 415-430
65. International Pollution Control: Cooperative versus Non-cooperative Strategies, (with E. Dockner), *Journal of Environmental Economics and Management*, 24, **1993**, 13-29
66. Entry Deterrence and Overexploitation of the Fishery, (with P. Crabbé), *Journal of Economic Dynamics and Control*, 17 (4), **1993**, 679-704
67. On the Effects of the Distribution of Initial Endowments in a Non-Renewable Resource Duopoly, (with G. Gaudet), *Journal of Economic Dynamics and Control*, 18, **1994**, 1189-1198
68. On Optimal Enclosure and Optimal Timing of Enclosure, *Economic Record*, 70 (221), **1994**, 141-145
69. Optimal Resource Royalties with Unknown and Temporally Independent Extraction Cost Structure, (with G. Gaudet and P. Lasserre), *International Economic Review*, 36 (3), **1995**, 715-749
70. The Effect of Trade Liberalization on Cost-reducing Horizontal Mergers, (with N. Vousden), *Review of International Economics*, 3 (2), **1995**, 141-155
71. Modelling Reciprocal Trade Liberalization: the Political-economy and National-welfare Perspectives, (with A. L. Hillman and P. Moser), *Swiss Journal of Economics and Statistics*, 131 (3), **1995**, 503-515

72. Vertical Integration, Foreclosure, and Profits in the Presence of Double Marginalization, (with G. Gaudet), *Journal of Economics and Management Strategy*, 5 (3), **1996**, 409-432
73. Dynamic Incentive Contracts with Uncorrelated Private Information and History-dependent Outcomes , (with G. Gaudet and P. Lasserre), *The Japanese Economic Review*, 47 (4), **1996**, 321-334
74. Lobbying for Protection by Heterogeneous Firms, (with A. Soubeyran), *European Journal of Political Economy*, 12 (1), **1996**, 19-32
75. Analysis of Nash Equilibria in a Class of Capital Accumulation Games, (with E. Dockner and G. Sorger), *Journal of Economic Dynamics and Control*, 20 (3), **1996**, 1209-1235
76. Customs Union and Gains from Trade under Oligopoly, (with A. Soubeyran), *the Japanese Economic Review*, 48 (2), **1997**, 166-175
77. Cost Heterogeneity, Industry Concentration, and Strategic Trade Policy, (with A. Soubeyran), *Journal of International Economics*, 43, **1997**, 207-220
78. Some Results on the Markov Equilibria of a Class of Homogeneous Differential Games, (with K. Shimomura), *Journal of Economic Behavior and Organization*, 33 (3), **1998**, 557-566
79. R&D Spillovers and Location Choice under Cournot Rivalry, (with A. Soubeyran), *Pacific Economic Review*, 3 (2), **1998**, 105-119
80. Oligopolistic Trade and Competition in Wages Legislations, (with A. Soubeyran), *Japanese Economic Review*, 49, **1998**, 158-170
81. Profile: Murray C. Kemp, (with H. Wan, Jr.), *Review of International Economics*, 6, **1998**, 698-705
82. On Opposition to Rent-Seeking: Implications for Developing Economies, (with R. Cairns), *Review of Development Economics*, 2, **1998**, 282-292

83. Real Investment Decisions under Adjustment Costs and Asymmetric Information, (with P. Lasserre and G. Gaudet), *Journal of Economic Dynamics and Control*, 23, **1998**, 71-95
84. Efficiency-Inducing Taxation for Polluting Oligopolists, (with H. Benckekroun), *Journal of Public Economics*, 70, **1998**, 325-342
85. Asymmetric Contributions to Research Joint-Ventures, (with A. Soubeyran), *Japanese Economic Review*, 50 (2), **1999**, 122-137
86. Constant Consumption and Economic Depreciation of Natural Capital, (with J.M. Hartwick), *International Economic Review*, 40 (1), **1999**, 53-62
87. Upstream-Downstream Specialization by Integrated Firms in a Partially Integrated Industry, (with G. Gaudet and A. Soubeyran), *Review of Industrial Organization*, 14, **1999**, 321-335
88. Education, Moral Hazard, and Endogenous Growth, (with K. Shimomura), *Journal of Economic Dynamics and Control*, 23 (5), **1999**, 675-698
89. Comparing Open Loop and Markov Perfect Equilibria in a Class of Differential Games, (with K. Shimomura and H. Takahashi), *Japanese Economic Review*, 50 (4), **1999**, 457-469
90. Industry Concentration and Optimal Discriminatory Commercial Policies, (with A. Soubeyran), *Journal of International Trade and Economic Development*, 8 (3), **1999**, 241-256
91. Existence and Uniqueness of Cournot Equilibrium: A Contraction Mapping Approach, (with A. Soubeyran), *Economics Letters*, 67, **2000**, 231-236
92. Permis de Pollution et Oligopole Asymétrique, (with A. Soubeyran), *Economie et Prévision*, No. 143-144, **2000**, 83-90
93. Cost Manipulation Games in Oligopoly, with Cost of Manipulating, (with A. Soubeyran), *International Economic Review*, 42 (2), **2001**, 505-533

94. Protection, Lobbying, and Market Structure, (with A. L. Hillman and A. Soubeyran), *Journal of International Economics*, 54, **2001**, 383-409
95. International Cross-Ownership and Strategic Trade Policies, (with A. Soubeyran), *Review of International Economics*, 9 (1), **2001**, 1-15
96. Drugs and Pests: Intertemporal Production Externalities, (with R.C. Cornes and K. Shimomura), *Japan and the World Economy*, 13 (3), **2001**, 255-278
97. A Differential Game Model of Tariff War, (with M.C. Kemp and K. Shimomura), *Japan and the World Economy*, 13 (3), **2001**, 279-298
98. Transboundary Fishery: A Differential Game Model, (with H. Benckroun), *Economica*, 69, **2002**, 207-221
99. Depreciation Rules and Value Invariance with Extractive Firms, (with J. M. Hartwick and L. Karp), *Journal of Economic Dynamics and Control*, 26, **2002**, 99-116
100. On the Multiplicity of Efficiency-Inducing Tax Rules, (with H. Benckroun), *Economics Letters*, 76 (3), **2002**, 331-336
101. Optimal Food Allocation in a Slave Economy, (with R. Rees, J. Komlos, and U. Woitek), *Journal of Population Economics*, 16 (1), **2003**, 21-36
102. A New Proof of the Maximum Principle, (with K. Shimomura), *Economic Theory*, 22 (3), **2003**, 671-674
103. Recycling Redux: A Nash-Cournot Approach, (with G. Gaudet), *Japanese Economic Review*, 54 (4), **2003**, 409-419
104. Relative Wealth, Status Seeking, and Catching Up, (with K. Shimomura), *Journal of Economic Behavior and Organization*, 53 (4), **2004**, 529-542
105. Can Financial Intermediation Induce Economic Fluctuations?, (with J. Bhattacharya and S. Banerji), *Journal of Economic Dynamics and Control*, 28 (11), **2004**, 2215-2238

106. Dynamic Duopoly with Congestion Effects, (with D. Laussell and M. de Montmarin), *International Journal of Industrial Organization*, 22 (5), **2004**, 655-677
107. Overcoming the Natural Resource Constraints Through Dedicated R&D: Contrasting the Non Renewable and the Renewable Resource Economies", (with M. Moreaux and J.-P. Amigues), *International Journal of Global Environmental Issues*, 4 (1), November **2004**, 11-37
108. Selective Punishment of Polluters: an Inf-Convolution Approach, (with A. Soubeyran), *Economic Theory*, 25 (2), **2005**, 421-454
109. International Trade and Cultural Diversity with Preference Selection, (with V. Bala), *European Journal of Political Economy*, 21 (1), **2005**, 143-162
110. Outsourcing and Technology Spillovers, *International Review of Economics and Finance*, 14 (3), **2005**, 297-304
111. Fragmentation and Services, (with R. Riezman and A. Soubeyran), *North American Journal of Economics and Finance*, 16 (1), **2005**, 137-152
112. Capacity Utilization and Investment in Environmental Quality, *Environmental Modeling and Assessment*, 11 (2), **2006**, 166-177
113. Insecure Property Rights and Growth: The Roles of Appropriation Costs, Wealth Effects, and Heterogeneity, (with G. Sorger), *Economic Theory*, Vol. 28 (3), August **2006**, 513-529
114. Corrupt Local Government as Resource Farmers: the Helping Hand and the Grabbing Hand, (with E. Dalgic), *European Journal of Political Economy*, 22 (1), March **2006**, 115-138
115. Ressources naturelles, impatience et progrès technique, (with J.-P. Amigues and M. Moreaux), *Revue Economique*, 57 (2), March **2006**, 185-218
116. Maximin, A Direct Approach to Sustainability, (with R. Cairns), *Environmental and Development Economics*, 11 (3), June **2006**, 275-300



117. Temporary Natural Resource Cartels, (with H. Benchekroun and G. Gaudet), *Journal of Environmental Economics and Management*, 52(3), **2006**, 663-674
118. The Curse of Windfall Gains in a Non-Renewable Resource Oligopoly, (with H. Benchekroun), *Australian Economic Papers* 45(2), **2006**, 99-105
119. Moral Hazards, Bankruptcy Costs, and International Financial Mobility, (with S. Banerji), *Review of Development Economics*, 11 (2), **2007**, 369-384
120. Trade, Wage Gaps, and Specific Human Capital Accumulation, (with R. Riezman and A. Soubeyran), *Review of International Economics*, 15 (1), **2007**, 75-92
121. Voluntary Contribution to Public Good: Non-neutrality Results, (with K. Shimomura), *Pacific Economic Review*, 12 (2), **2007**, 153-170
122. A Theory of Favoritism under International Oligopoly, (with A. Soubeyran), *Review of International Economics*, 15 (3), **2007**, 481-498
123. Iterated Strict Dominance in General Games, (with Yi-Chun Chen and Xiao Luo), *Games and Economic Behavior*, 61 (2), **2007**, 299-315
124. Fair Trade Goods Versus Conventional Goods: Some Theoretical Considerations, (with Viet Do), *Trade and Development Review*, 1 (1), **2008**, 21-39
125. Electoral Incentives, Institutions and Rent-Seeking, (with B. Sengupta), *Indian Growth and Development Review*, 1 (2), **2008**, 133-146 (lead article)
126. The Build Up of Cooperative Behavior among Non-cooperative Agents (with H. Benchekroun), *Journal of Economic Behavior and Organization*, 67 (1), **2008**, 293-252

127. Liberalization of Government Procurements: Welfare Effects of Foreign Entry, *India Macroeconomics Annual* 2007, Centre for Studies in Social Sciences, Calcutta, **2008**, 105-124
128. How does state ownership affect optimal export taxes? (with Frank Staehler) *Economics Bulletin*, 6 (37), **2008**, 1-7, <http://economicsbulletin.vanderbilt.edu/2008/volume6/EB-08F10025A.pdf>
129. A Class of Performance-based Subsidy Rules, (with H. Benchekroun), *Japanese Economic Review*, 59 (4), **2008**, 381-400
130. Trade Policy and Mixed Enterprises, (with F. Staehler), *Canadian Journal of Economics*, 42 (2), May **2009**, 590-614
131. A Tale of Two Ports, (with K-Y. Wong), *Review of International Economics*, 17 (2), **2009**, 261-279
132. Foreign Aid in the Presence of Corruption: A Differential Game, (with M.C. Kemp), *Review of International Economics*, 17 (2), **2009**, 230-243
133. Koji Shimomura: A Memoir, (with Makoto Yano), *Review of International Economics*, 17 (2), May **2009**, 209-229
134. Resource Grabbing by Status-Conscious Agents (with Shengzu Wang), *Journal of Development Economics*, 89 (1), May **2009**, 39-50
135. Extracting Several Resource Deposits of Unknown Size: Optimal Order (with M. C. Kemp), *German Economic Review*, 10, **2009**, 401-421
136. A Contest Model of Government Procurements, (with Frank Staehler), *European Journal of Political Economy*, 25, **2009**, 479-488
137. A Mixed Bentham-Rawls Criterion for Intergenerational Equity: Theory and Implications, (with Francisco Alvarez-Cuadrado), *Journal of Environmental Economics and Management*, 58 (2), **2009**, 154-168

138. Optimal Tariffs on Exhaustible Resources in the Presence of Cartel Behavior (with Stephen Jui-Hsien Chou), *Asia-Pacific Journal of Accounting and Economics*, 16 (3), **2009**, 239-254
139. Recycling with Endogenous Consumer Participation, (with Soham Baksi), *Australian Economic Papers*, 48 (4), **2009**, 281-295.
140. A Dynamic Game of Status-seeking with Public Capital and an Exhaustible Resource (with S. Katayama), *Optimal Control, Applications and Methods*, Vol. 31 , **2010**, 43-53.
141. A Dynamic Principal-Agent Problem as a Feedback Stackelberg Differential Game (with G. Sorger), *Central European Journal of Operations Research*, Volume 18, Issue 4 (**2010**), Pages 491-509.  
<http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s10100-010-0172-5>
142. A Decomposition of the Home-Market Effect" (with Toru Kikuchi), *Economics Bulletin*, Volume 30(4), (**2010**), pp. 2759-2768.  
<http://www.accessecon.com/Pubs/EB/2010/Volume30/EB-10-V30-I4-P254.pdf>
143. A Simple Model of Service Offshoring with Time Zone Differences (with Toru Kikuchi), *North American Journal of Economics and Finance*, **2010**, vol. 21, pages 217-227.
144. Dynamic Games in the Economics of Natural Resources: A Survey," *Dynamic Games and Applications*, **2011**, Vol. 1 (1), pages 115-148; DOI 10.1007/s13235-010-0003-2
145. The Relative Income Hypothesis, (with Francisco Alvarez-Cuadrado), *Journal of Economic Dynamics and Control*, (**2011**), Vol. 35, pp 1498-1501.
146. Innovation and Trade with Heterogeneous Firms, (with Frank Staehler and Horst Raff), *Journal of International Economics*, (**2011**), 84:149-159.
147. Should the Goods and the Selfish be Taxed Differently? (With Frank Staehler), *Scandinavian Journal of Economics*, **forthcoming**.

148. Relative Consumption and Renewable Resource Extraction under Alternative Property Rights Regimes (with Francisco Alvarez-Cuadrado), *Resource and Energy Economics*, **forthcoming**.
149. Welfare Effects of Reducing Home Bias in Government Procurements: A Dynamic Contest Model," *Review of Development Economics*, **forthcoming**.
150. Envy and Inequality, (with Francisco Alvarez-Cuadrado), *Scandinavian Journal of Economics*, **forthcoming**.
151. A Decomposition of Ricardian Trade Gains, (with Toru Kikuchi), *International Review of Economics and Finance*, (2012), 21:173-176.
152. Shift Working and Trade in Labor Services with Time Zone Differences, (with Toru Kikuchi), *Pacific Economic Review*, **(forthcoming)**.
153. Applications of Dynamic Games to Global and Transboundary Issues: A Review, Strategic Behavior and the Environment, Vol. 2 **(forthcoming)**

### **C. Contributions to Edited Volumes**

1. Optimal Control Theorems, (with N. Vousden), Essay 1 in J.D. Pitchford and S.J. Turnovsky (eds.), *Applications of Control Theory to Economic Analysis*, North-Holland, Amsterdam, **1977**, 11-34
2. Optimal Exploitation and Replenishment of a Natural Resource, Essay 4 in J.D. Pitchford and S.J. Turnovsky (eds.), *Applications of Control Theory to Economic Analysis*, North-Holland, Amsterdam, **1977**, 81-106
3. On Optimal Order of Exploitation of Deposits of an Exhaustible Resource: The Case of Certainty, (with M.C. Kemp), in H. Siebert (ed.), *Erschöpfbare Ressourcen: Arbeitstagung des Vereins für Sozialpolitik*, Duncker & Humboldt, Berlin, **1980**, 301-317
4. Some Properties of the Per Capita Production Set in the Two-Sector Model of Economic Growth, in M.C. Kemp (ed.), *Production Sets*, Academic Press, **1982**, 145-158
5. On the Development of a Substitute for an Exhaustible Natural Resource, (with M.C. Kemp), in W. Eichhorn (ed.), *Economic Theory of Natural Resources*, Physica Verlag, Wurzburg, **1982**, 47-63

6. The Efficiency of Competitive Markets in a Context of Exhaustible Resources, (with M.C. Kemp), in W. Eichhorn (ed.), *Economic Theory of Natural Resources*, Physica Verlag, Wurzburg, **1982**, 205-211
7. The Optimal Investment in Research and the Choice of Quality Levels by a Discriminating Monopolist, in G. Feichtinger (ed.), *Optimal Control Theory and Economic Analysis*, North-Holland, Amsterdam, **1982**, 245-267
8. On the Evaluation of National Income in a Dynamic Economy, (with M.C. Kemp), in G. Feiwel (ed.), *Samuelson and Neoclassical Economics*, Marinus Nijhoff Publishing, Boston, **1982**, 185-198
9. On the Transition from an Exhaustible Resource Stock to an Inexhaustible Substitute, (with N.M. Hung and M.C. Kemp), in A. Ingham and A.M. Ulph (eds.), *Demand, Equilibrium and Trade*, Macmillan, London, **1984**, 105-122
10. On the Short-Run and Long-Run Effects of a Resource Boom, in H. Siebert (ed.), *The Resource Sector in An Open Economy*, Lecture Notes in Economics and Mathematical System, No. 200, Springer-Verlag, New York, **1984**
11. The Role of Natural Resources in Trade Models, (with M.C. Kemp), Chapter 8 in R.W. Jones and P.B. Kenen (eds.), *Handbook of International Economics*, North-Holland Publishing Company, Amsterdam, New York and Oxford, **1984**, 376-417
12. Risk and Resource Economics: the State of the Art, in D.W. Pearce, H. Siebert and I. Walter (eds.), *Risk and the Political Economy of Resource Development*, Macmillan, London, **1984**, 59-74
13. Lay-off Restraints, Employment Subsidies, and the Demand for Labour, (with H. Siebert), in G. Feichtinger (ed.), *Optimal Control Theory and Economic Analysis (Vol. II)*, North-Holland Publishing Company, Amsterdam and New York, **1985**, 283-312
14. Debt Cycles with Endogenous Interest Rates, (with H. Siebert), in K.P. Kistner et al. (eds.), *Operations Research Proceedings*, Springer Verlag, **1990**, 555-572

15. Cyclical International Capital Flow, in A. Takayama et al. (eds.), *Trade Policy and International Adjustments*, Academic Press, New York, **1991**, 95-110
16. Optimal Exploitation of Migratory Fish Stocks: the Multispecies Case, in R. Arnason and T. Bjorndal (eds.), *The Economics of Migratory Fish Stocks*, Springer Verlag, Berlin, **1991**, 59-72
17. The Political Economy of the International Debt Crisis, in A.L. Hillman (ed.), *Markets and Politicians*, Kluwer Academic Publisher, Boston, **1991**, 339-356
18. A Dynamic Formulation of the Foreign Aid Process, (with M.C. Kemp and K. Shimomura), in G. Feichtinger (ed.), *Dynamic Economics Models and Optimal Control*, North-Holland, Amsterdam, **1992**, 91-103
19. An Addendum to the Feichtinger Paper on Limit Cycles, in G. Feichtinger (ed.), *Dynamic Economic Models and Optimal Control*, North-Holland, Amsterdam, **1992**, 185-187
20. A Contribution to the Theory of Economic Planning: A Family-based Model of Population Growth, (with M.C. Kemp and D. Léonard), in S. Bhagwan Dahiya (ed.), *Theoretical Foundation of Development Planning*, Vedams Books International, New Delhi, **1992**
21. The Terms of Trade and Real Income, (with J.D. Pitchford), in H. Herberg and N.V. Long (eds.), *Trade, Welfare, and Economic Policies*, University of Michigan Press, **1993**, 367-378
22. Tariffs and Export Subsidies when Domestic Markets are Oligopolistic: A Comment, in J. Mercenier and T.N. Srinivasan (eds.), *Applied General Equilibrium Analysis and Economic Development*, University of Michigan Press, Ann Arbor, **1994**, 213-215
23. Minimum Wage and Youth Unemployment, (with M.C. Kemp and K. Shimomura), in P. Arestis, G. Palma and M. Sawyer (eds.), *Markets, Employment and Economic Policy*, Routledge, London, **1997**, 315-327
24. Greater Cost Dispersion Improves Oligopoly Profit: Asymmetric Contributions to Joint-Venture, in J. A. Poyago-Theotoky (ed.),

- Competition, Cooperation, Research and Development: The Economics of Research Joint Ventures*, Macmillan, London, **1997**, 126-137
25. Endogenous Growth and International Trade: A Survey, (with K.-y. Wong), in Bjarne Jensen and K.-y. Wong (eds.), *Dynamics, Trade, and Growth*, University of Michigan Press, Ann Arbor, Michigan, **1997**, 11-74
  26. Endogenous Growth, Trade and Specialization under Variable Returns to Scale, (with K. Nishimura and K. Shimomura), in Bjarne Jensen and K.-y. Wong (eds.), *Dynamics, Trade, and Growth*, University of Michigan Press, Ann Arbor, Michigan, **1997**, 127-150
  27. On the Evaluation of National Income in a Dynamic Economy: Generalization, (with M.C. Kemp), in Klaus Jäger and Karl-Josef Koch (eds.), *Trade, Growth, and Economic Policies in Open Economies*, Springer Verlag, Berlin, **1998**, 101-110
  28. Modelling Global Common Fisheries Exploitation and Regulation, Chapter 16 in S. Mahendrarajah, A. Jakeman and M. McAleer (eds.), *Modelling Change in Integrated Economic Environment*, John Wiley & Sons, Sussex, UK, **1999**
  29. International Trade and Natural Resources, in J. Van den Bergh (ed.), *Handbook of Environmental and Resource Economics*, Edward Elgar, London, **1999**, 75-88
  30. Pollution, Pigouvian Taxes, and Asymmetric International Oligopoly, (with A. Soubeyran), in E. Petrakis, E. Sartzetakis, and A. Xepapadeas (eds.), *Environmental Regulation and Market Structure*, Edward Elgard, London, **2000**, 175-194
  31. Optimal Control Theory, in *International Encyclopedia of the Social and Behavioral Sciences*, Editors; Neil Smelser and Paul Baltes, Elsevier Science Publisher, 16, **2001**, 10879-10882
  32. Redistributive Taxation in Closed and Open Economies, (with K. Shimomura), in A. Woodland (ed.), *Economic Theory and International Trade*, Edward Elgar, **2002**, 104-123

33. Common Property Resource and Private Capital Accumulation, (with S. Katayama), in G. Zaccour (ed.), *Optimal Control and Differential Games*, Kluwer Academic Publishers, London, **2002**, 193-209
34. Economic Openness and the Gains from International Trade and Investment : the Case of Vietnam (with Binh Tran-Nam), in Chi Do Pham D and Binh Tran-Nam (eds.), *The Vietnamese Economy: Awakening the Dormant Dragon*, Routledge Curzon, London, **2003**, 105-123
35. Lobbying for Tariff Protection and Allocation of Entrepreneurial Resources, (with A. Hillman and A. Soubeyran), in S. Katayama and Kaz Miyagiwa (eds.), *New Developments in International Trade: Theoretical and Empirical Investigations*, Kobe Economic and Business Research Series No. 16, **2003**, 129-146
36. Relative Wealth, Catching Up, and Economic Growth, (with K. Shimomura), in S. Dowrick, R. Pitchford and S. Turnovsky (eds.), *Economic Growth and Macroeconomic Dynamics*, Cambridge University Press, Cambridge, UK, **2004**, 18-45
37. Lobbying and Market Structure: the Case of Bertrand Rivalry, in S. Katayama and H. Ursprung (eds.), *International Economic Policies in a Globalized World*, Springer Verlag, Berlin, **2005**, 33-53
38. Capital Resource Substitution, Overshooting, and Sustainable Development, (with H. Bencheekroun and S. Katayama), in C. Deissenberg and R. Hartl (eds.), *Optimal Control and Dynamic Games: Applications in Finance, Management Science and Economics*, (Volume 7: Advances in Computational Management Science), Springer Verlag, Berlin, **2005**, 41-62
39. Sustainable Development with Intergenerational and International Cooperation, in A. Sinha and S. Mitra (eds.), *Economic Development, Climate Change, and the Environment*, Routledge, London, **2006**, 116-148
40. Toward a Theory of a Just Savings Principle, in J. Roemer and K. Suzumura (eds.) *Intergenerational Equity and Sustainability*, Palgrave, London, **2007**, 291-319



41. International Outsourcing: Winners and Losers, (with Viet Do), Chapter 18 in Sugata Marjit & Eden Yu (eds) *Contemporary and Emerging Issues in Trade Theory and Policy*, (Frontiers of Economics and Globalization Volume 4), **2008**, Emerald Press, UK, 345-366
42. Liberalization of Government Procurements: Effects of Entry of Foreign Firms, Chapter 5, in B. Tran-nam, N. V. Long and M. Tawada (eds.), *Globalization and Emerging Issues in Trade Theory and Policies*, (Frontiers of Economics and Globalization Volume 5), **2008**, Emerald Press, UK, 57-73
43. "Differential games" , *Wiley Encyclopedia of Operations Research and Management Science*, **Forthcoming**
44. Static and Dynamic Games of Complete and Incomplete Information, (with Hassan Bencheekroun), in A. Batabayal and P. Peter Nijkamp (Eds.), *Research Tools in Natural Resource and Environmental Economics*, World Scientific Publishing, **Forthcoming**

#### **D. Working Papers**

1. Is Emulation Good for You? The Ups and Downs of Rivalry (with D. Leonard), *CIRANO Working Paper 2008s-02*, Cirano, Montreal, **2008**
2. Emulation in Teams and Families, (with D. Leonard), *CIRANO Working Paper 2009s-04*, Cirano, Montreal, **2009**
3. Innovation and Trade with Heterogeneous Firms, (with F. Staehler and H. Raff), *CESifo Working Paper 2796*, University of Munich, **2009**
4. Optimal Piecewise Linear Income Taxation, (with P. Apps and R. Rees), *CESifo Working Paper 2565*, University of Munich, **2009**
5. The Tragedy of the Commons in a Fishery When Relative Performance Matters (with Stephanie F. McWhinnie, *School of Economics Working Paper 2010-07*, University of Adelaide, **2010**.

6. Bio-fuels Subsidies and the Green Paradox (with Q. Grafton and T. Kompas), CESifo Working Paper 2960, Munich, **2010**.

### **E. Other Publications**

1. (In Vietnamese) Chính-sách mở-cửa và lợi-ích của mậu-dịch quốc-tế và đầu-tư nước-ngoài, by Ngo Van Long and Tran Nam Binh, in *Đánh-thức con- rồng ngủ-quên: Kinh- tế Việt-Nam đi vào thế-kỷ 21*, edited by Pham Do Chi and Tran Nam Binh, Published by Nhà Xuất-Bản Thành-Phố Hồ Chí Minh, Vietnam, **2001**, 281-302
2. Mathematical Models of Resources and Energy Economics, Section 6.154.23, *Encyclopedia of Life Support Systems*, UNESCO, <http://www.eolss.net>

## **Recent Graduate Students Supervision**

### **Ph. D. Students since 2003**

The following Ph.D. students have graduated under my supervision since 2003:

1. Engin Dalgic, Essays in Political Economy, Ph.D. awarded in 2004 (Currently working at the International Monetary Fund, Washington DC)
2. Soham Baksi, Essays in Environmental Policies, Corruption, and Energy, Ph.D. awarded in 2006 (Currently Associate Professor of Economics, University of Winnipeg)
3. Bodhisattva Sengupta, Fiscal Federalism, Public Good Production and Corruption, Ph.D. awarded in 2008 (Currently Assistant Professor, Madras School of Economics, India)
4. Stephen Chou, Essays on Strategic Trade Policies: Differentiated Products and Exhaustible Resources, Ph.D. awarded in 2008 (Currently Assistant Professor, National Tsinghua University, Taiwan)

5. Shengzu Wang, Economic Policies in Developing and Emerging Market Economies: Three Essays in International and Development Economics, Ph.D. awarded in 2008 (Currently working at the International Monetary Fund, Washington DC)
6. Viet Do, Three Essays in the Economics of Globalization, Ph.D. awarded in 2009 (Currently working at the Ministry of Finance, Vietnam)

Five Ph.D. students are currently under my supervision:

1. Meng-cheng Chien, On Currency Crises
2. Zongye Huang, On Global Imbalance
3. Isabel Galiana, On Dynamic Games in Environmental Economics
4. Samer Atallah, On Resource Curses (currently Assistant Professor at the American University in Cairo, 2011).
5. Eesha Sen-choudhury, On Evolution of Property Rights Regimes