

Bibliography

- Acemoglu, D. (2002). Directed technical change. *Review of Economic Studies*, 69, 781–809.
- Acemoglu, D. (2003). Patterns of skill premia. *Review of Economic Studies*, 70, 199–230.
- Aghion, P., & Howitt, P. (1990). *A model of growth through creative destruction* (NBER Working Paper 3223).
- Aghion, P., & Howitt, P. (1992). A model of growth through creative destruction. *Econometrica*, 60, 323–351.
- Aghion, P., & Howitt, P. (1998). *Endogenous growth theory*. Cambridge, MA: MIT.
- Allen, R. G. D. (1967). *Macro-economy theory: A mathematical treatment*. London: Macmillan.
- Allen, W. R. (Ed.). (1965). *International trade theory: Hume to Ohlin*. New York: Random House.
- Alonso-Villar, O. (2005). The effects of transport costs revisited. *Journal of Economic Geography*, 5, 589–604.
- Amir, R. (2005). Supermodularity and complementarity in economics: An elementary survey. *Southern Economic Journal*, 71, 636–660.
- Amiti, M., & Davis, D. R. (2011). Trade, firms, and wages: Theory and evidence. *Review of Economic Studies*, 79, 1–36.
- Anderson, J. E. (1979). A theoretical foundation for the gravity equation. *American Economic Review*, 69, 106–116.
- Anderson, J. E. (1981). The Heckscher-Ohlin and Travis-Vanek theorems under uncertainty. *Journal of International Economics*, 11, 239–247.
- Anderson, S. P., Schmitt, N., & Thisse, J.-F. (1995). Who benefits from antidumping legislation? *Journal of International Economics*, 38, 321–337.
- Andersson, F., & Forslid, R. (2003). Tax competition and economic geography. *Journal of Public Economic Theory*, 5, 279–304.
- Annicchiarico, B., Orioli, F., & Trionfetti, F. (2012). National oligopoly and economic geography. *Annals of Regional Science*, 48, 71–99.
- Antràs, P., Garicano, L., & Rossi-Hansberg, E. (2006). Offshoring in a knowledge economy. *Quarterly Journal of Economics*, 121, 31–77.
- Antràs, P., & Helpman, E. (2004). Global sourcing. *Journal of Political Economy*, 112, 552–580.
- Aquino, A. (1981). Changes over time in the pattern of comparative advantage in manufactured goods: An empirical analysis for the period 1962–1974. *European Economic Review*, 15, 41–62.
- Arrow, K. J. (1964). The role of securities in the optimal allocation of risk bearing. *Review of Economic Studies*, 31, 91–96.
- Balassa, B. (1965). Tariff protection in industrial countries: An evaluation. *Journal of Political Economy*, 73, 573–594.
- Baldwin, Robert E. (1971). *Non-tariff distortions of international trade*. Washington, DC: The Brookings Institution.

- Baldwin, Robert E. (1982). The political economy of protectionism. In Bhagwati, J. N. (Ed.), *Import competition and response* (pp. 263–286). Chicago: Chicago University Press. (Reprinted in R. E. Baldwin, 1988, pp. 97–136)
- Baldwin, Robert E. (1988). *Trade policy in a changing world economy*. London: Harvester-Wheatsheaf.
- Baldwin, Robert E. (1992). Are economist's traditional trade policy views still valid? *Journal of Economic Literature*, 30, 804–829.
- Baldwin, Richard E. (1994). *Towards an integrated Europe*. London: Centre for Economic Policy Research.
- Baldwin, Richard E. (2001). The Core-Periphery model with forward-looking expectations. *Regional Science and Urban Economics*, 31, 21–49.
- Baldwin, Robert E. (2008). *The development and testing of Heckscher-Ohlin trade models*. Cambridge, MA: MIT.
- Baldwin, Richard E., Forslid, R., Martin, P., Ottaviano, G. I. P., & Robert-Nicoud, F. (2003). *Economic geography and public policy*. Princeton, NJ: Princeton University Press.
- Baldwin, Richard E., & Krugman, P. R. (2004). Agglomeration, integration and tax harmonisation. *European Economic Review*, 48, 1–23.
- Baldwin, Richard E., Martin, P., & Ottaviano, G. I. P. (2001). Global economic divergence, trade and industrialisation: The geography of growth takeoffs. *Journal of Economic Growth*, 6, 5–37.
- Baldwin, Richard E., & Ottaviano, G. I. P. (2001). Multiproduct multinationals and reciprocal FDI dumping. *Journal of International Economics*, 54, 429–448.
- Bandyopadhyay, S. (1997). Demand elasticities, asymmetry and strategic trade policy. *Journal of International Economics*, 42, 167–177.
- Bardhan, P. K. (1970). *Economic growth, development, and foreign trade: A study in pure theory*. New York: Wiley.
- Barker, J. (1977). International trade and economic growth: An alternative to the neoclassical approach. *Cambridge Journal of Economics*, 1, 153–172.
- Barone, E. (1908). *Principi di economia politica*. Roma: Athenaeum.
- Barro, R. J., & Sala-i-Martin, X. (2004). *Economic growth* (2nd ed.). New York: McGraw-Hill.
- Basu, K. (2001). On the goals of development. In G. Meier & J. Stiglitz (Eds.), *Frontiers of development economics: The future in perspective*. Washington, DC: World Bank and Oxford University Press.
- Batra, R. N., & Casas, F. R. (1973). Intermediate products and the pure theory of international trade: A neo-Heckscher-Ohlin framework. *American Economic Review*, 63, 297–311.
- Beccaria, C. (1764). Tentativo analitico sui contrabbandi, il Caffè' (Vol. 1). (Reprinted in P. Custodi (a cura di), 1804, *Scrittori italiani e classici di Economia Politica*, parte moderna, tomo XII, Milano, pp. 235–241)
- Beckmann, M. J. (1987). Location of economic activity. In J. Eatwell, M. Milgate, & P. Newman (Eds.), *The new Palgrave: A dictionary of economics* (Vol. 3). London: Macmillan.
- Behrens, K., Lamorgese, A., Ottaviano, G. I. P., & Tabuchi, T. (2009). Beyond the home market effect: Market size and specialization in a multi-country world. *Journal of International Economics*, 79, 259–265.
- Behrens, K., & Robert-Nicoud, F. (2010). Tempora mutantur: In search of a new testament for NEG, mimeo. Available at SSRN: <http://ssrn.com/abstract=1593769>
- Belloc, M. (2006). Institutions and international trade: A reconsideration of comparative advantage. *Journal of Economic Surveys*, 20, 3–26.
- Belloc, M., & Bowles, S. (2013). *Cultural-institutional persistence under autarchy, international trade, and factor mobility* (Working Paper 13-01-003). Santa Fe Institute.
- Bernard, A. B., Jensen, J. B., Redding, S. J., & Schott, P. K. (2007). Firms in international trade. *Journal of Economic Perspectives*, 21, 105–130.
- Bernard, A. B., Jensen, J. B., Redding, S. J., & Schott, P. K. (2012). The empirics of firm heterogeneity and international trade. *Annual Review of Economics*, 4, 283–313.
- Bernard, A. B., Redding, S. J., & Schott, P. K. (2007). Comparative advantage and heterogeneous firms. *Review of Economic Studies*, 74, 31–66.

- Bernhardt, D. (1984). Dumping costs and uncertainty. *Journal of Economic Dynamics and Control*, 8, 349–370.
- Bernhofen, D. M. (1995). Price dumping in intermediate good markets. *Journal of International Economics*, 39, 159–173.
- Bhagwati, J. N. (1958). Immiserizing growth: A geometrical note. *Review of Economic Studies*, 25, 201–205. (Reprinted in R. E. Caves & H. G. Johnson, Eds., 1968, pp. 300–305; in J. N. Bhagwati, Ed., 1981, pp. 301–306; and in J. N. Bhagwati, 1983a, pp. 301–306)
- Bhagwati, J. N. (1964). The pure theory of international trade: A survey. *Economic Journal*, 74, 1–78. (Reprinted in J. N. Bhagwati, 1983b, pp. 313–432)
- Bhagwati, J. N. (1965). On the equivalence of tariffs and quotas. In Various Authors (Eds.), *Trade, growth and the balance of payments: Essays in honour of G. Haberler* (pp. 53–67). Chicago: Rand McNally. (Reprinted in J. N. Bhagwati, 1983a, pp. 196–214)
- Bhagwati, J. N. (Ed.). (1969). *International trade—Selected readings*. Harmondsworth, UK: Penguin.
- Bhagwati, J. N. (1971). The generalized theory of distortions and welfare. In J. N. Bhagwati et al. (Eds.), pp. 69–90. (Reprinted in J. N. Bhagwati, Ed., 1981, pp. 171–189; and in J. N. Bhagwati, 1983a, pp. 73–96)
- Bhagwati, J. N. (1972). The Heckscher-Ohlin theorem in the multi-commodity case. *Journal of Political Economy*, 30, 1052–1055. (Reprinted in J. N. Bhagwati, 1983b, pp. 462–465)
- Bhagwati, J. N. (1973). The theory of immiserizing growth: Further application. In M. B. Connolly & A. K. Swoboda (Eds.), *International trade and money* (pp. 45–54). London: Allen & Unwin. (Reprinted in J. N. Bhagwati, 1983a, pp. 121–129)
- Bhagwati, J. N. (Ed.). (1974). *Illegal transactions in international trade: Theory and measurement*. Amsterdam: North-Holland.
- Bhagwati, J. N. (1981a). Alternative theories of illegal trade: Economic consequences and statistical detection. *Weltwirtschaftliches Archiv*, 117, 409–427. (Reprinted in J. N. Bhagwati, 1983a, pp. 325–342)
- Bhagwati, J. N. (Ed.). (1981b). *International trade—Selected readings*. Cambridge, MA: MIT.
- Bhagwati, J. N. (1982a). Directly unproductive, profit-seeking (DUP) activities. *Journal of Political Economy*, 90, 988–1002. (Reprinted in J. N. Bhagwati, 1983a, pp. 259–273)
- Bhagwati, J. N. (1982b). Shifting comparative advantage, protectionist demands, and policy response. In J. N. Bhagwati (Ed.), *Import competition and response*. Chicago: University of Chicago Press.
- Bhagwati, J. N. (1983a). *The theory of commercial policy—Essays in international economic theory* (R. C. Feenstra, Ed., Vol. 1). Cambridge, MA: MIT.
- Bhagwati, J. N. (1983b). *International factor mobility—Essays in international economic theory* (R. C. Feenstra, Ed., Vol. 2). Cambridge, MA: MIT.
- Bhagwati, J. N. (1987). VER, quid pro quo DFI and VIEs: Political-economy-theoretic analyses. *International Economic Journal*, 1, 1–14.
- Bhagwati, J. N. (1995). U.S. trade policy: The infatuation with free trade agreements. In J. N. Bhagwati & A. O. Krueger (Eds.), *The dangerous drift to preferential trade agreements*. Washington, DC: American Enterprise Institute.
- Bhagwati, J. N., Brecher, R. A., & Hatta, T. (1984). The paradoxes of immiserizing growth and donor-enriching “Recipient-immiserizing” transfers: A tale of two literatures. *Weltwirtschaftliches Archiv*, 120, 228–243.
- Bhagwati, J. N., & Hansen, B. (1973). A theoretical analysis of smuggling. *Quarterly Journal of Economics*, 87, 172–187. (Reprinted in J. N. Bhagwati, Ed., 1974; and in J. N. Bhagwati, 1983a, pp. 286–301)
- Bhagwati, J. N., & Hudec, R. E. (Eds.). (1996). *Fair trade and harmonization: Prerequisites for free trade?* (Economic analysis, Vol. I and Legal analysis, Vol. II). Cambridge, MA: MIT.
- Bhagwati, J. N., Jones, J. F., Mundell, R. A., & Vanek, J. (Eds.). (1971). *Trade, balance of payments and growth: Essays in international economics in Honour of C. Kindleberger*. Amsterdam: North-Holland.

- Bhagwati, J. N., & Panagariya, A. (Eds.). (1996). *The economics of preferential trading agreements*. Washington, DC: American Enterprise Institute.
- Bhagwati, J. N., Panagariya, A., & Srinivasan, T. N. (1998). *Lectures on international trade* (2nd ed.). Cambridge, MA: MIT.
- Bhagwati, J. N., & Srinivasan, T. N. (1974). An alternative proof of the Bhagwati-Hansen results on smuggling and welfare. In J. N. Bhagwati (Ed.), *Illegal transactions in international trade: Theory and measurement* (pp. 23–26). Amsterdam: North-Holland.
- Bowen, H. P., Learner, E. E., & Sveinikaukas, L. (1987). Multifactor tests of the factor abundance theory. *American Economic Review*, 77, 791–809.
- Bown, C. P. (2010). Temporary Trade Barriers Database (TTBD). Available at <http://econ.worldbank.org/ttbd/>
- Brainard, S. L., & Martimort, D. (1997). Strategic trade policy with incompletely informed policymakers. *Journal of International Economics*, 42, 33–65.
- Brander, J. A. (1981). Intra-industry trade in identical commodities. *Journal of International Economics*, 11, 1–14.
- Brander, J. A., & Krugman, P. R. (1983). A “Reciprocal Dumping” model of international trade. *Journal of International Economics*, 15, 313–321.
- Brander, J. A., & Spencer, B. J. (1984). Tariff protection and imperfect competition. In H. Kierzkowski (Ed.) (pp. 194–206).
- Brander, J. A., & Spencer, B. J. (1985). Export subsidies and international market share rivalry. *Journal of International Economics*, 18, 83–100.
- Brecher, R. A., & Choudhri, E. U. (1982). The factor content of international trade without factor-price equalization. *Journal of International Economics*, 12, 277–283.
- Brecher, R. A., & Choudhri, E. U. (1984). New products and the factor content of international trade. *Journal of Political Economy*, 92, 965–971.
- Brems, H. (1980). *Inflation, interest and growth*. Lexington, MA: Lexington Books.
- Brock, W. A., & Magee, S. P. (1978). The economics of special interest politics: The case of the tariff. *American Economic Review*, 68, 246–250 (Papers and Proceedings).
- Brock, W. A., Magee, S. P., & Young, L. (1989). *Black hole tariffs and endogenous policy theory: Political economy in general equilibrium*. Cambridge, UK: Cambridge University Press.
- Broda, C., & Weinstein, D. E. (2006). Globalization and the gains from variety. *Quarterly Journal of Economics*, 121, 541–585.
- Brown, D. K., Deardoff, A. V., & Stern, R. M. (1996). In Bhagwati & Hudec (Eds.), *International labor standards and trade: A theoretical analysis* (pp. 227–280).
- Brühlhart, M., Carrère, C., & Trionfetti, F. (2012). *How wages and employment adjust to trade liberalization: Quasi-experimental evidence from Austria*. mimeo.
- Brühlhart, M., & Jametti, M. (2008). *Does tax competition tame the leviathan?* Université de Lausanne, mimeo.
- Brühlhart, M., Jametti, M., & Schmidheiny, K. (2012). Do agglomeration economies reduce the sensitivity of firm location to tax differentials? *Economic Journal*, 122, 1069–1093 .
- Brühlhart, M., & Parchet, R. (2011). *Alleged tax competition: The mysterious death of inheritance taxes in Switzerland*. Université de Lausanne, mimeo.
- Brühlhart, M., & Trionfetti, F. (2004). Public expenditure, international specialisation and agglomeration. *European Economic Review*, 48, 851–881.
- Brühlhart, M., & Trionfetti, F. (2009). A test of trade theories when expenditure is home biased. *European Economic Review*, 53, 830–845.
- Bruno, M., & Sachs, J. (1982). Energy and resource allocation: A dynamic model of the “Dutch Disease”. *Review of Economic Studies*, 49, 845–859.
- Burmeister, E., & Dobell, A. R. (1970). *Mathematical theories of economic growth*. New York: Macmillan.
- Burstein, A., & Vogel, J. (2012). *Globalization, technology, and the skill premium* (NBER Working Paper No. 16459), Cambridge, MA: National Bureau of Economic Research.
- Bustos, P. (2011). Trade liberalization, exports and technology upgrading: Evidence on the impact of MERCOSUR on Argentinian firms. *American Economic Review*, 101, 304–340.

- Casas, F. R. (1983). International trade with produced transport services. *Oxford Economic Papers*, 35, 89–109.
- Casas, F. R., & Choi, E. K. (1984). Trade imbalance and the Leontief paradox. *Manchester-School*, 52, 391–401.
- Casas, F. R., & Choi, E. K. (1985a). The Leontief paradox: Continued or resolved? *Journal of Political Economy*, 93, 610–615.
- Casas, F. R., & Choi, E. K. (1985b). Some paradoxes of transport costs in international trade. *Southern Economic Journal*, 51, 983–987.
- Casprini, F. (1979). L'incertezza nella teoria pura del commercio internazionale. In A. Vari (Ed.), *Economia internazionale: Teoria e prassi* (pp. 251–269). Milano: Giuffrè.
- Caves, R. E. (1965). “Vent for Surplus” models of trade and growth. In Various authors (Eds.) *Trade, growth and the balance of payments: Essays in honour of G. Haberler* (pp. 95–115). Chicago: Rand McNally.
- Caves, R. E. (1979). International cartels and monopolies in international trade. In R. Dornbusch & J. A. Frenkel (Eds.), *International economic policy* (pp. 39–73). Baltimore: Johns Hopkins.
- Caves, R. E. (1981). Intra-industry trade and market structure in the industrial countries. *Oxford Economic Papers*, 33, 203–223.
- Caves, R. E., Frankel, J. A., & Jones, R. W. (2006). *World trade and payments: An introduction* (10th ed.). Englewood Cliffs, NJ: Prentice Hall.
- Caves, R. E., & Johnson, H. G. (Eds.). (1969). *Readings in international economics*. London: Allen & Unwin.
- Chacholiades, M. (1978). *International trade theory and policy*. New York: McGraw-Hill.
- Chacholiades, M. (1981). *Principles of international economics*. New York: McGraw-Hill.
- Chacholiades, M. (1985). Circulating capital in the theory of international trade. *Southern Economic Journal*, 52, 1–22.
- Chamberlin, E. H. (1933). *The theory of monopolistic competition*. Cambridge, MA: Harvard University Press.
- Charlot, S., Gaigne, C., Robert-Nicoud, F., & Thisse, J.-F. (2006). Agglomeration and welfare: The core-periphery model in the light of Bentham, Kaldor, and Rawls. *Journal of Public Economics*, 90, 325–347.
- Charos, E. N., & Simos, E. O. (1988). The effects of human capital and R&D upon international trade flows: Evidence from a multi-input, multi-output model for the United States. *Weltwirtschaftliches Archiv*, 124, 701–712.
- Cheng, L. (1984). International competition in R&D and technological leadership: An examination of the Posner-Hufbauer hypothesis. *Journal of International Economics*, 17, 15–40.
- Chipman, J. S. (1965a). A survey of the theory of international trade: Part 1, The classical theory. *Econometrica*, 33, 477–519.
- Chipman, J. S. (1965b). A survey of the theory of international trade: Part 2, The neoclassical theory. *Econometrica*, 33, 685–760.
- Chipman, J. S. (1966). A survey of the theory of international trade: Part 3, The modern theory. *Econometrica*, 34, 18–76.
- Clement, M. O., Pfister, R. L., & Rothwell, K. J. (1967). *Theoretical issues in international economics*. Boston: Houghton Mifflin.
- Clifton, D. S., Jr., & Marxsen, W. S. (1984). An empirical investigation of the Heckscher-Ohlin theorem. *Canadian Journal of Economics*, 17, 32–38.
- Costinot, A. (2009). On the origins of comparative advantage. *Journal of International Economics*, 77, 255–264.
- Combes, P.-P. (1997). Industrial agglomeration under cournot competition. *Annales d'Economie et de Statistique*, 45, 161–182.
- Combes, P.-P., & Lafourcade, M. (2011). Competition, market access and economic geography: Structural estimations and predictions for France. *Regional Science and Urban Economics*, 41, 508–524.
- Combes, P.-P., Lafourcade, M., & Mayer, T. (2005). The trade-creating effects of business and social networks: Evidence from France. *Journal of International Economics*, 66, 1–29.

- Corden, W. M. (1966). The structure of a tariff system and the effective protective rate. *Journal of Political Economy*, 74, 221–237. (Reprinted in J. N. Bhagwati, Ed., 1969, pp. 284–308; and in J. N. Bhagwati, Ed., 1981, pp. 108–128)
- Corden, W. M. (1969). Effective protective rates in the general equilibrium model: A geometric note. *Oxford Economic Papers*, 21, 135–141.
- Corden, W. M. (1971a). *The theory of protection*. London: Oxford University Press.
- Corden, W. M. (1971b). The effects of trade on the rate of growth. In J. N. Bhagwati et al. (Eds.), *Trade, balance of payments and growth* (pp. 117–143). Amsterdam: North-Holland.
- Corden, W. M. (1974). *Trade policy and economic welfare*. Oxford, UK: Oxford University Press.
- Corden, W. M. (1984a). Booming sector and Dutch disease economics: Survey and consolidation. *Oxford Economic Papers*, 36, 359–380.
- Corden, W. M. (1984b). The normative theory of international trade. In R. W. Jones & P. B. Kenen (Eds.), *Handbook of international economics* (chap. 2). Amsterdam: North-Holland.
- Corden, W. M., & Neary, J. P. (1982). Booming sector and de-industrialization in a small open economy. *Economic Journal*, 92, 825–848.
- Cornes, R. (1992). *Duality and modern economics*. Cambridge, UK: Cambridge University Press.
- Costinot, A., & Vogel, J. (2010). Matching and inequality in the world economy. *Journal of Political Economy*, 118, 747–786.
- Crozet, M. (2004). Do migrants follow market potentials? An estimation of a new economic geography model. *Journal of Economic Geography*, 4, 439–458.
- Crozet, M., & Trionfetti, F. (2008). Trade costs and the home market effect. *Journal of International Economics*, 76, 309–321.
- Cuñat, A., & Melitz, M. (2007). Volatility, labour market flexibility, and the pattern of comparative advantage. *Journal of the European Economic Association*, 10, 225–254.
- Cunynghame, H. (1904). *A geometrical political economy*. Oxford, UK: Clarendon.
- Davies, S. W., & McGuinness, A. J. (1982). Dumping at less than marginal cost. *Journal of International Economics*, 12, 169–182.
- Davis, D. R. (1995). Intra-industry trade: A Heckscher-Ohlin Ricardo approach. *Journal of International Economics*, 39, 201–226.
- Davis, D. R. (1996). Critical evidence on comparative advantage? North-North trade in a multilateral world. *Journal of Political Economy*, 102, 1051–1060.
- Davis, D. R. (1998). The home market, trade and industrial structure. *American Economic Review*, 88, 1264–1276.
- Davis, D. R., & Weinstein, D. E. (1999). Economic geography and regional production structure, an empirical investigation. *European Economic Review*, 43, 379–407.
- Davis, D. R., & Weinstein, D. E. (2001). An account of global factor trade. *American Economic Review*, 91, 1423–1453.
- Davis, D. R., & Weinstein, D. E. (2002). Bones, bombs, and break points: The geography of economic activity. *American Economic Review*, 92, 1269–1289.
- Davis, D. R., & Weinstein, D. E. (2003). Market access, economic geography and comparative advantage, an empirical test. *Journal of International Economics*, 59, 1–23.
- Davis, D. R., & Weinstein, D. E. (2008). A search for multiple equilibria in urban industrial structure. *Journal of Regional Science*, 48, 29–65.
- Davis, D. R., Weinstein, D. E., Bradford, S. C., & Shimo, K. (1997). Using international and Japanese data to determine when the factor abundance theory of trade works. *American Economic Review*, 87, 421–446.
- Deardoff, A. V. (1979). Weak links in the chain of comparative advantage. *Journal of International Economics*, 9, 197–209. (Reprinted in J. N. Bhagwati, Ed., 1981, pp. 76–87)
- Deardoff, A. V. (1982). The general validity of the Heckscher-Ohlin theorem. *American Economic Review*, 72, 683–694.
- Deardoff, A. V. (1984). Testing trade theories and predicting trade flows. In R. W. Jones & P. B. Kenen (Eds.), *Handbook of international economics* (chap. 10). Amsterdam: North-Holland.
- Deardoff, A. V. (1994). The possibility of factor price equalization, revisited. *Journal of International Economics*, 36, 167–175.

- Deardorff, A. V. (1998). Determinants of bilateral trade, does gravity work in a neoclassical world? In J. A. Frankel (Ed.), *The regionalization of the world economy*. Chicago: University of Chicago Press and NBER.
- Deardorff, A. V. (2000). Factor prices and the factor content of trade revisited: What's the use? *Journal of International Economics*, 50, 73–90.
- Deardorff, A., & Stern, R. M. (1984). The effects of the Tokyo round on the structure of protection. In R. E. Baldwin & A. O. Krueger (Eds.), *The structure and evolution of recent U.S. trade policy* (pp. 361–388). Chicago: Chicago University Press for the NBER.
- Debreu, G. (1959). *Theory of value*. New York: Wiley.
- Diab, M. A. (1956). *The United States capital position in the structure of its foreign trade*. Amsterdam: North-Holland.
- Diewert, W. E. (1974). Applications of duality theory. In M. D. Intriligator & D. A. Kendrick (Eds.), *Frontiers of quantitative economics* (chap. 3). Amsterdam: North-Holland.
- Diewert, W. E. (1982). Duality approaches to microeconomic theory. In K. J. Arrow & M. D. Intriligator (Eds.), *Handbook of mathematical economics* (Vol. II, chap. 12). Amsterdam: North-Holland.
- Dinopoulos, E. (1988). A formalization of the “Biological” model of trade in similar products. *Journal of International Economics*, 25, 95–110.
- Dinopoulos, E., & Kreinin, M. (1989). Import quotas and VERs: A comparative analysis of a three-country framework. *Journal of International Economics*, 26, 169–178.
- Dinopoulos, E., Syropoulos, C., Xu, B., & Yotov, Y. V. (2011). Intraindustry trade and the skill premium: Theory and evidence. *Journal of International Economics*, 84, 15–25.
- Dixit, A. K. (1981). The export of capital theory. *Journal of International Economics*, 11, 279–294.
- Dixit, A. K. (1984). International trade policy for oligopolistic industries. In *Conference papers* (1983, Conference of the Royal Economic Society and the AUTE). *Supplement to the Economic Journal*, 94, 1–16.
- Dixit, A. K., & Norman, V. (1980). *Theory of international trade: A dual, general equilibrium approach*. Cambridge, UK: Cambridge University Press.
- Dixit, A. K., & Stiglitz, J. E. (1977). Monopolistic competition and optimum product diversity. *American Economic Review*, 67, 297–308.
- Dixit, A. K., & Woodland, A. (1982). The relationship between factor endowments and commodity trade. *Journal of International Economics*, 13, 201–214.
- Djajić, S. (1983). Intermediate inputs and international trade: An analysis of the real and monetary aspects of a change in the price of oil. *Journal of International Money and Finance*, 2, 179–195.
- Dorfman, R., Samuelson, P. A., & Solow, R. M. (1958). *Linear programming and economic analysis*. New York: McGraw-Hill.
- Dornbusch, R., Fischer, S., & Samuelson, P. A. (1977). Comparative advantage, trade, and payments in a Ricardian model with a continuum of goods. *American Economic Review*, 67, 823–839.
- Dreher, A. (2006). Does globalization affect growth? Evidence from a new index of globalization. *Applied Economics*, 38, 1091–1110.
- Dreher, A., Gaston, N., & Martens, P. (2008). *Measuring globalization—Gauging its consequences*. New York: Springer.
- Duesenberry, J. S. (1949). *Income, saving, and the theory of consumer behavior*. Cambridge, MA: Harvard University Press.
- Dumas, B. (1980). The theorems of international trade under generalized uncertainty. *Journal of International Economics*, 10, 481–498.
- Dunning, J. H. (1977). *Trade, location of economic activity and the MNE: A search for an eclectic approach*. In B. Ohlin, P. Hesselborn, & P. Wijkman (Eds.), *The international allocation of economic activity* (Proceedings of a nobel symposium held at Stockholm). London: Macmillan.
- Dunning, J. H. (1982). International business in a changing world environment. *Banca Nazionale del Lavoro Quarterly Review*, 143, 351–374.
- Eaton, J. (1979). The allocation of resources in an open economy with uncertain terms of trade. *International Economic Review*, 20, 391–403.

- Eaton, J., & Kierzkowski, H. (1984). Oligopolistic competition, product variety and international trade. In H. Kierzkowski (Ed.), *Monopolistic competition and international trade* (pp. 69–83). Oxford, UK: Oxford University Press.
- Eaton, J., & Kortum, S. (2002). Technology, geography, and trade. *Econometrica*, 70, 1741–1779.
- Economides, N. (1984). Do increases in preference similarity (across countries) induce increases in trade? An affirmative example. *Journal of International Economics*, 17, 375–381.
- Edgeworth, F. Y. (1894). The theory of international values, I, II, III. *Economic Journal*, 4, 35–50, 424–443, 606–638. (Reprinted in *Papers relating to political economy*, Vol. 11, pp. 3–60, by F. Y. Edgeworth, 1925, London: Macmillan)
- Edgeworth, F. Y. (1905). Review of H. Cunyngame's book "A Geometrical Political Economy". *Economic Journal*, 15, 62–71. (Reprinted in F. Y. Edgeworth, 1925, op. cit., Vol. III, pp. 136–144)
- El-Agraa, A. M. (1984). *Trade theory and policy*. London: Macmillan.
- Ellis, H. S., & Metzler, L. A. (Eds.). (1949). *Readings in the theory of international trade*. Philadelphia: Blakiston.
- Ellison, G., & Glaeser, E. L. (1997). Geographic concentration in U.S. manufacturing industries: A dartboard approach. *Journal of Political Economy*, 105, 889–927.
- Eltis, C. M. (1983). An alternative interpretation and empirical test of the linder hypothesis. *Quarterly Journal of Business and Economics*, 22, 53–62.
- Epifani, P., & Gancia, G. (2008). The skill bias of world trade. *Economic Journal*, 118, 927–960.
- Ethier, W. J. (1972). Nontraded goods and the Heckscher-Ohlin model. *International Economic Review*, 13, 132–147.
- Ethier, W. J. (1979). The theorems of international trade in time-phased economies. *Journal of International Economics*, 9, 225–238.
- Ethier, W. J. (1981). A reply to professors Metcalfe and Steedman. *Journal of International Economics*, 11, 273–277.
- Ethier, W. J. (1982a). National and international returns to scale in the modern theory of international trade. *American Economic Review*, 72, 389–405.
- Ethier, W. J. (1982b). The general role of factor intensity in the theorems of international trade. *Economics Letters*, 10, 337–342.
- Ethier, W. J. (1984). Higher dimensional trade theory. In R. W. Jones & P. B. Kenen (Eds.) (chap. 3).
- Ethier, W. J., & Horn, H. (1984). A new look at economic integration. In H. Kierzkowski (Ed.), *Monopolistic competition and international trade* (pp. 207–229). Oxford, UK: Oxford University Press.
- Ethier, W. J., & Svensson, L. E. O. (1986). The theorems of international trade with factor mobility. *Journal of International Economics*, 20, 21–42.
- Evenett, S. J., & Keller, W. (2002). On theories explaining the success of the gravity equation. *Journal of Political Economy*, 110, 281–316.
- Falvey, R. E. (1981). Commercial policy and intra-industry trade. *Journal of International Economics*, 11, 495–511.
- Falvey, R. E., & Kierzkowski, H. (1987). Product quality, intra-industry trade and (Im)perfect competition. In H. Kierzkowski (Ed.), *Protection and competition in international trade: Essays in honor of W.M. Corden* (pp. 143–161). Oxford, UK: Basil Blackwell.
- Fausti, S. (1992). Smuggling and parallel markets for exports. *International Trade Journal*, 6, 443–470.
- Feenstra, R. C., & Hanson, G. H. (1997). Foreign direct investment and relative wages: Evidence from Mexico's maquiladoras. *Journal of International Economics*, 42, 371–393.
- Feenstra, R. C., & Hanson, G. H. (1999). The impact of outsourcing and high-technology capital on wages: Estimates for the U.S., 1979–1990. *Quarterly Journal of Economics*, 114, 907–940.
- Feenstra, R. C., & Taylor, A. M. (2008). *International economics*. New York: Worth Publishers.
- Findlay, R. (1970). *Trade and specialization*. Harmondsworth, UK: Penguin.
- Findlay, R. (1984). Growth and development in trade models. In R. W. Jones & P. B. Kenen (Eds.), *Handbook of international economics* (chap. 4). Amsterdam: North Holland
- Findlay, R. (1995). *Factor proportions, trade, and growth*. Cambridge, MA: MIT.

- Findlay, R., & Grubert, H. (1959). Factor intensities, technological progress and the terms of trade. *Oxford Economic Papers*, 11, 111–121. (Reprinted in J. N. Bhagwati, Ed., 1969, pp. 327–340; and in J. N. Bhagwati, Ed., 1981, pp. 289–300)
- Findlay, R., & Wellisz, S. (1983). Some aspects of the political economy of trade restrictions. *Kyklos*, 36, 469–481.
- Fisher, F. M., & Hillman, A. L. (1984). The commodity pattern of trade and the Heckscher-Ohlin theorem in the presence of aggregate and commodity-specific factor-intensity reversals. *Journal of International Economics*, 17, 159–172.
- Flam, H., & Helpman, E. (1987). Industrial trade policy under monopolistic competition. *Journal of International Economics*, 22, 79–102.
- Ford, J. L. (1982). The Ricardian and Heckscher-Ohlin explanations of trade: A general proof of an equivalence theorem and its empirical implications. *Oxford Economic Papers*, 34, 141–145.
- Ford, J. L. (1985). Comments on P.J. Lloyd “The Ricardian-Ohlin explanation of trade: A comment on a general theorem which is not general”. *Oxford Economic Papers*, 37, 134–137.
- Forslid, R., & Ottaviano, G. I. P. (2003). An analytically solvable core-periphery model. *Journal of Economic Geography*, 3, 229–240.
- Frey, B. S. (1984). *International political economics*. Oxford, UK: Basil Blackwell.
- Friedman, J. W. (1977). *Oligopoly and the theory of games*. Amsterdam: North-Holland.
- Gabaix, X. (1999). Zipf’s law for cities: An explanation. *Quarterly Journal of Economics*, 114, 739–767.
- Gabel, H. L., & Neven, D. (1988). *Fair trade in commercial aircraft: The case of Boeing vs. Airbus industry*. Fontainebleau, France: INSEAD.
- Gabszewicz, J. J., Shaked, A., Sutton, J., & Thisse, J.-F. (1981). International trade in differentiated products. *International Economic Review*, 22, 527–534.
- Gaisford, J. D. (1995). International factor mobility, the factor content of trade and Leontief paradoxes. *Journal of International Economics*, 39, 175–183.
- Gale, D., & Nikaidô, H. (1965). The Jacobian matrix and global univalence of mappings. *Mathematische Annalen*, 159, 81–93. (Reprinted in P. K. Newman, Ed., 1968, pp. 68–80)
- Gandolfo, G. (1971). *Mathematical methods and models in economic dynamics*. Amsterdam: North-Holland.
- Gandolfo, G. (2009). *Economic dynamics* (4th ed.). Berlin/Heidelberg, Germany; New York: Springer.
- Garicano, L., & Rossi-Hansberg, E. (2006). Organization and inequality in a knowledge economy. *Quarterly Journal of Economics*, 121, 1383–1435.
- Ghosh, D. K. (1984). *Trade, distortion and growth*. New Delhi, India: Concept Publishing.
- Giersch, H. (Ed.). (1979). *On the economics of intra-industry trade*. Tübingen, Germany: J.C.B. Mohr.
- Goldberg, P., & Pavcnik, N. (2007). Distributional effects of globalization in developing countries. *Journal of Economic Literature*, 45, 39–82.
- Graham, F. D. (1923). The theory of international values reexamined. *Quarterly Journal of Economics*, 28, 54–86. (Reprinted in H. S. Ellis & L. A. Metzler, Eds., 1949, pp. 301–330; and in W. R. Allen, Ed., 1965, chap. 6)
- Greaney, T. M. (1996). Import now! An analysis of market-share Voluntary Import Expansions (VIEs). *Journal of International Economics*, 40, 149–163.
- Green, H. A. J. (1964). *Aggregation in economic analysis*. Princeton, NJ: Princeton University Press.
- Greenaway, D. (1983). *International trade policy: From tariffs to the new protectionism*. London: Macmillan.
- Greenaway, D. (Ed.). (1985). *Current issues in international trade: Theory and policy*. London: Macmillan.
- Greenaway, D., & Milner, C. (1986). *The economics of intra-industry trade*. Oxford, UK: Basil Blackwell.
- Grinols, E. L. (1984). A thorn in the lion’s paw: Has Britain paid too much for common market membership? *Journal of International Economics*, 16, 271–293.

- Grinols, E. L. (1985). International trade with incomplete markets. *Economica*, 52, 245–255.
- Grossman, G. M. (1983). Partially mobile capital: A general approach to two-sector trade theory. *Journal of International Economics*, 15, 1–17.
- Grossman, G. M. (Ed.). (1992). *Imperfect competition and international trade*. Cambridge, MA: MIT.
- Grossman, G. M., & Helpman, E. (1991a). *Innovation and growth in the global economy*. Cambridge, MA: MIT.
- Grossman, G. M., & Helpman, E. (1991b). Endogenous product cycles. *Economic Journal*, 101, 1214–1229.
- Grossman, G. M., & Helpman, E. (1991c). Quality ladders and product cycles. *Quarterly Journal of Economics*, 106, 557–586.
- Grossman, G. M., & Helpman, E. (1991d). Growth and welfare in a small open economy. In E. Helpman & A. Razin (Eds.), *International trade and trade policy* (chap. 8). Cambridge, MA: MIT.
- Grossman, G. M., & Razin, A. (1985). The pattern of trade in a Ricardian model with country-specific uncertainty. *International Economic Review*, 26, 193–202.
- Grossman, G. M., & Richardson, J. D. (1985). *Strategic trade policy: A survey of the issues and early analysis* (Special papers in international economics, Vol.15). Princeton, NJ: International Finance Section, Princeton University.
- Grossman, G. M., & Rossi-Hansberg, E. (2008). A simple theory of offshoring. *American Economic Review*, 98, 1978–1997.
- Grubel, H. G. (1967). Intra-industry specialization and the pattern of trade. *Canadian Journal of Economics and Political Science*, 23, 347–388.
- Grubel, H. G., & Lloyd, P. J. (1975). *Intra-industry trade: The theory and measurement of international trade in differentiated products*. London: Macmillan.
- Guerrieri, P., & Padoa-Schioppa, C. (1996). Strategic trade policy: A review of the theoretical debate. *International Trade Journal*, 10, 85–103.
- Gupta, S. D. (Ed.). (1997). *The political economy of globalization*. Boston/Dordrecht, The Netherlands/London: Kluwer.
- Haberler, G. (1936). *The theory of international trade with its applications to commercial policy*. London: Hodge & Co. (English translation, revised by the author, of the 1933 German edition)
- Haberler, G. (1990). Strategic trade policy and the new international economics: A critical analysis. In R. W. Jones & A. O. Krueger (Eds.), *The political economy of international trade* (pp. 25–30). Oxford, UK: Basil Blackwell.
- Hadley, G., & Kemp, M. C. (1966). Equilibrium and efficiency in international trade. *Metroeconomica*, 18, 125–141.
- Hahn, F. (1982). The neo-Ricardians. *Cambridge Journal of Economics*, 6, 353–374. (Reprinted in *Equilibrium and macroeconomics*, pp. 353–386, by F. Hahn, 1984, Oxford, UK: Blackwell)
- Hamilton, C., & Svensson, L. E. O. (1983). Should direct or total factor intensities be used in tests of the factor proportions hypothesis? *Weltwirtschaftliches Archiv*, 119, 453–463.
- Hamilton, C., & Svensson, L. E. O. (1984). Do countries' factor endowments correspond to the factor contents in their bilateral trade flows? *Scandinavian Journal of Economics*, 86, 84–97.
- Hanink, D. M. (1990). Linder, again. *Weltwirtschaftliches Archiv*, 126, 257–267.
- Hanson, G. H., & Xiang, C. (2004). The home market effect and bilateral trade patterns. *American Economic Review*, 94, 1108–1129.
- Harcourt, G. C. (1972). *Some Cambridge controversies in the theory of capital*. Cambridge, UK: Cambridge University Press.
- Harkness, J. P. (1978). Factor abundance and comparative advantage. *American Economic Review*, 68, 784–800.
- Harkness, J. P. (1983). The factor-proportions model with many nations, goods and factors: Theory and evidence. *Review of Economics and Statistics*, 65, 293–305.
- Harrigan, J. (1994). Scale economies and the volume of trade. *Review of Economics and Statistics*, 76, 321–328.

- Harrigan, J. (1996). Openness to trade in manufactures in the OECD. *Journal of International Economics*, 40, 23–39.
- Harrigan, J. (1997). Technology, factor supplies, and international specialization: Examining the neoclassical model. *American Economic Review*, 87, 475–494.
- Harris, R. (1984). Applied general equilibrium analysis of small open economies with scale economies and imperfect competition. *American Economic Review*, 74, 1016–1032.
- Harrod, R. F. (1953). Factor-price relations under free trade. *Economic Journal*, 68, 245–255.
- Hartquist, D. A. (1987). Trade wars—Arming for battle. *North Carolina Journal of International Law and Commercial Regulation*, 12, 37–58.
- Hartwick, J. M. (1979). Distribution of world income in the Ricardo-Mill model of international trade. *Journal of International Economics*, 9, 117–126.
- Hatta, T. (1984). Immiserizing growth in a many-commodity setting. *Journal of International Economics*, 17, 335–345.
- Hazari, B. R., & Sgro, P. M. (2001). *Migration, unemployment and trade*. Dordrecht, The Netherlands: Kluwer.
- Hazari, B. R., Sgro, P. M., & Suh, D. C. (1981). *Non-traded and intermediate goods and the pure theory of international trade*. London: Croom-Helm.
- Head, K., & Mayer, T. (2004). The empirics of agglomeration and trade. In J. V. Henderson & J.-F. Thisse (Eds.), *Handbook of urban and regional economics* (Vol. 4, chap. 59). Amsterdam: North Holland.
- Head, K., & Mayer, T. (2006). Regional wages and employment responses to market potential in the EU. *Regional Science and Urban Economics*, 36, 573–595.
- Head, K., & Mayer, T. (2013). Gravity equations: Workhorse, toolkit, and cookbook. In E. Helpman, G. Gopinath, & K. Rogoff (Eds.), *Handbook of international economics* (Vol. 4). Amsterdam: Elsevier (forthcoming).
- Head, K., & Ries, J. (2001). Increasing returns versus national product differentiation as an explanation for the pattern of US-Canada trade. *American Economic Review*, 91, 858–876.
- Head, K., Mayer, T., & Ries, J. (2002). On the pervasiveness of home market effects. *Economica*, 69, 357–370.
- Heckscher, E. F. (1949), 1919. The effect of foreign trade on the distribution of income. In H. S. Ellis & L. A. Metzler (Eds.), pp. 272–300, 1949. (English translation of the original 1919 article in *Ekonomisk Tidskrift*, 21, 497–512)
- Helpman, E. (1981). International trade in the presence of product differentiation, economies of scale and monopolistic competition: A Chamberlin-Heckscher-Ohlin approach. *Journal of International Economics*, 11, 305–340.
- Helpman, E. (1984a). The factor content of international trade. *Economic Journal*, 94, 84–94.
- Helpman, E. (1984b). Increasing returns, imperfect markets, and trade theory. In R. W. Jones & P. B. Kenen (Eds.) (chap. 7).
- Helpman, E. (1987). Imperfect competition and international trade: Evidence from fourteen industrialized countries. *Journal of the Japanese and International Economics*, 1, 62–81.
- Helpman, E. (1990). *Monopolistic competition in trade theory* (Special paper in international economics, Vol. 16). Princeton, NJ: Princeton University, International Finance Section.
- Helpman, E. (1998). The size of regions. In D. Pines, E. Sadka, & I. Zilcha (Eds.), *Topics in public economics: Theoretical and applied analysis* (pp. 33–54). Cambridge, UK: Cambridge University Press.
- Helpman, E., Itskhoki, O., & Redding, S. (2010). Inequality and unemployment in a global economy. *Econometrica*, 78, 1239–1283.
- Helpman, E., & Krugman, P. R. (1985). *Market structure and foreign trade*. Brighton, Sussex: Wheatsheaf Books.
- Helpman, E., & Krugman, P. R. (1989). *Trade policy and market structure*. Cambridge, MA: MIT Press.
- Helpman, E., & Razin, A. (1978). *A theory of international trade under uncertainty*. New York: Academic.

- Helpman, E., & Razin, A. (Eds.). (1991). *International trade and trade policy*. Cambridge, MA: MIT Press.
- Henderson, J. M., & Quandt, R. E. (1980). *Microeconomic theory: A mathematical approach* (3rd ed.). New York: McGraw-Hill.
- Herberg, H. (1969). On the shape of the transformation curve in the case of homogeneous production functions. *Zeitschrift für die gesamte Staatswissenschaft*, 125, 202–210.
- Herberg, H. (1990). Welfare effects of non-tariff barriers: A general equilibrium analysis. *Weltwirtschaftliches Archiv*, 126, 511–522.
- Herberg, H., Kemp, M. C., & Tawada, M. (1982). Further implications of variable returns to scale. *Journal of International Economics*, 13, 65–84.
- Hicks, J. R. (1932). *The theory of wages*. London: Macmillan. (2nd ed.: 1963)
- Hicks, J. R. (1939, 1946). *Value and capital*. Oxford, UK: Oxford University Press.
- Hicks, J. R. (1981). *Wealth and welfare* (Collected essays on economic theory, Vol. 1). Oxford, UK: Basil Blackwell.
- Hill, J. K., & Mendez, J. A. (1983). Factor mobility and the general equilibrium model of production. *Journal of International Economics*, 15, 18–26.
- Hillman, A. L., & Ursprung, H.-W. (1988). Domestic politics, foreign interests, and international trade policy. *American Economic Review*, 7, 719–745.
- Hirsch, S. (1967). *Location of industry and international competitiveness*. London: Oxford University Press.
- Hirsch, S. (1975). The product cycle model of international trade: A multi-country cross section analysis. *Oxford Bulletin of Economics and Statistics*, 37, 305–317.
- Hirshleifer, J. (1970). *Investment, interest, and capital*. Englewood Cliffs, NJ: Prentice-Hall.
- Hocking, R. D. (1980). Trade in motor cars between the major European producers. *Economic Journal*, 90, 504–519.
- Hoff, K. (1994). A reexamination of the neoclassical trade model under uncertainty. *Journal of International Economics*, 36, 1–27.
- Horiba, Y. (1974). General equilibrium and the Heckscher-Ohlin theory of trade: The multi-country case. *International Economic Review*, 15, 440–449.
- Hotelling, H. (1929). Stability in competition. *Economic Journal*, 34, 41–57.
- Houthakker, H. S. (1957). An international comparison of household expenditure patterns, commemorating the centenary of Engel's law. *Econometrica*, 25, 532–551.
- Hufbauer, G. C. (1966). *Synthetic materials and the theory of international trade*. Cambridge, MA: Harvard University Press.
- Hummels, D., & Levinsohn, J. A. (1995). Monopolistic competition and international trade: Reconsidering the evidence. *Quarterly Journal of Economics*, 110, 799–836.
- Jensen, B. S., & Wong, K.-Y. (Eds.). (1998). *Dynamics, economic growth, and international trade*. Ann Arbor, MI: University of Michigan Press.
- Johnson, H. G. (1950). Optimum welfare and maximum revenue tariffs. *Review of Economic Studies*, 19, 28–35. (Reprinted (in part) as Appendix to chap. II in H. G. Johnson, 1958)
- Johnson, H. G. (1953). Optimum tariffs and retaliation. *Review of Economic Studies*, XXI, 142–153. (Reprinted in H. G. Johnson, 1958, chap. II)
- Johnson, H. G. (1955). Economic expansion and international trade. *The Manchester School of Economic and Social Studies*, 23, 95–112. (Reprinted in H. G. Johnson, 1958, chap. III)
- Johnson, H. G. (1957). Factor endowments, international trade and factor prices. *Manchester School of Economic and Social Studies*, 25, 270–283. (Reprinted in H. G. Johnson, 1958, pp. 17–30; and in R. E. Caves & H. G. Johnson, Eds., 1969, pp. 78–89)
- Johnson, H. G. (1958). *International Trade and Economic Growth*. London: Allen & Unwin.
- Johnson, H. G. (1959). Economic development and international trade. *Nationaløkonomisk Tidsskrift*, 97, 253–272. (Reprinted in H. G. Johnson, 1962, chap. IV)
- Johnson, H. G. (1960). The economic theory of customs union. *Pakistan Economic Journal*, 10, 14–32. (Reprinted (with appendix) in H. G. Johnson, 1962, chap. III)
- Johnson, H. G. (1962). *Money, trade and economic growth*. London: Allen & Unwin.
- Johnson, H. G. (1969). The standard theory of tariffs. *Canadian Journal of Economics*, 2, 333–352.

- Johnson, H. G. (1971a). Trade and growth: A geometric exposition. *Journal of International Economics*, 1, 83–101.
- Johnson, H. G. (1971b). The theory of trade and growth: A diagrammatic analysis. In J. N. Bhagwati et al. (Eds.) (pp. 144–167).
- Jones, A. J. (1979). The theory of economic integration. In J. K. Bowers (Ed.), *Inflation, development and integration* (Essays in honour of A. J. Brown, pp. 193–213). Leeds, UK: Leeds University Press.
- Jones, K. (1984). The political economy of voluntary export restraint agreements. *Kyklos*, 37, 82–101.
- Jones, R. W. (1956). Factor proportions and the Heckscher-Ohlin theorem. *Review of Economic Studies*, 24, 1–10. (Reprinted in R. W. Jones, 1979, chap. 1; and in J. N. Bhagwati, Ed., 1969, pp. 77–92)
- Jones, R. W. (1961). Comparative advantage and the theory of tariffs: A multi-country multi-commodity model. *Review of Economic Studies*, 28, 161–175. (Reprinted in R. W. Jones, 1979, chap. 3)
- Jones, R. W. (1965). The structure of simple general equilibrium models. *Journal of Political Economy*, 73, 557–572. (Reprinted in R. W. Jones, 1979, chap. 4; and in J. N. Bhagwati, Ed., 1981, chap. 3)
- Jones, R. W. (1967). International capital movements and the theory of tariffs and trade. *Quarterly Journal of Economics*, 81, 1–38. (Reprinted in R. W. Jones, 1979, chap. 12)
- Jones, R. W. (1971). A three-factor model in theory, trade, and history. In J. N. Bhagwati et al. (Eds.) (pp. 3–21). (Reprinted in R. W. Jones, 1979, chap. 6)
- Jones, R. W. (1979). *International trade: Essays in theory*. Amsterdam: North-Holland.
- Jones, R. W., & Dei, F. (1983). International trade and foreign investment: A simple model. *Economic Inquiry*, 21, 449–464.
- Jones, R. W., & Kenen, P. B. (Eds.). (1984). *Handbook of international economics* (Vol. I). Amsterdam: North-Holland.
- Jones, R. W., & Krueger, A. O. (Eds.). (1990). *The political economy of international trade*. Oxford, UK: Basil Blackwell.
- Jones, R. W., & Neary, J. P. (1984). The positive theory of international trade. In R. W. Jones & P. B. Kenen (Eds.) (chap. 1).
- Judd, K. L. (1998). *Numerical methods in economics*. Cambridge, MA: MIT Press.
- Kamien, M. I., & Schwartz, N. L. (1991). *Dynamic optimization* (2nd ed.). Amsterdam: North-Holland.
- Kemp, M. C. (1964). *The pure theory of international trade*. Englewood Cliffs, NJ: Prentice Hall.
- Kemp, M. C. (1969a). *A contribution to the general equilibrium theory of preferential trading*. Amsterdam: North-Holland.
- Kemp, M. C. (1969b). *The pure theory of international trade and investment*. Englewood Cliffs, NJ: Prentice Hall.
- Kemp, M. C. (1976). *Three topics in the theory of international trade: Distribution, welfare and uncertainty*. Amsterdam: North-Holland.
- Kemp, M. C., & Long, N. V. (1984). The role of natural resources in trade models. In R. W. Jones & P. B. Kenen (Eds.) (chap. 8).
- Kierzkowski, H. (Ed.). (1984). *Monopolistic competition and international trade*. Oxford, UK: Oxford University Press.
- Kierzkowski, H. (1985). Models of international trade in differentiated goods. In D. Greenaway (Ed.) (pp. 7–24).
- Kierzkowski, H. (Ed.). (1987). *Protection and competition in international trade: Essays in honor of W.M. Corden*. London: Basil Blackwell.
- Kind, H. J., Midelfart-Knarvik, K. H., & Schjelderup, G. (2000). Competing for capital in a 'Lumpy' world. *Journal of Public Economics*, 78, 253–274.
- Kleinman, E., & Kop, Y. (1984). Who trades with whom—The income pattern of international trade. *Weltwirtschaftliches Archiv*, 120, 499–521.

- Kohler, W. K. (1988). Modeling Heckscher-Ohlin comparative advantage in regression equations: A critical survey. *Empirica* (Austrian Economic Papers), 15, 263–293.
- Kol, J., & Tharakan, P. K. M. (1989). *Intra-industry trade: Theory, evidence and extensions*. New York: St. Martin's Press.
- Komiya, R. (1967). Non-traded goods and the pure theory of international trade. *International Economic Review*, 8, 132–152.
- Kowalczyk, C., & Wonnacott, R. J. (1992). *Hubs and spokes, and free trade in the americas* (NBER Working Paper 4198), Cambridge, MA: National Bureau of Economic Research.
- Krauss, M. B. (1972). Recent developments in customs union theory: An interpretive survey. *Journal of Economic Literature*, 10, 413–436.
- Krauss, M. B. (1979). *A geometric approach to international trade*. Oxford, UK: Basil Blackwell.
- Kravis, I. B. (1956). "Availability" and other influences on the commodity composition of trade. *Journal of Political Economic*, 64, 143–155.
- Kreinin, M. E. (1965). Comparative labor effectiveness and the Leontief scarce factor paradox. *American Economic Review*, 55, 131–140.
- Kreps, D. M. (1990). *Microeconomic theory*. Princeton, NJ: Princeton University Press.
- Krueger, A. O. (1974). The political economy of the rent-seeking society. *American Economic Review*, 64, 291–303.
- Krueger, A. O. (2000). NAFTA's effects: A preliminary assessment. *World Economy*, 23, 761–775.
- Krugman, P. R. (1979). Increasing returns, monopolistic competition, and international trade. *Journal of International Economics*, 9, 469–479. (Reprinted in J. N. Bhagwati, Ed., 1981, pp. 88–100)
- Krugman, P. R. (1980). Scale economies, product differentiation, and the pattern of trade. *American Economic Review*, 70, 950–959.
- Krugman, P. R. (1981). Intraindustry specialization and the gains from trade. *Journal of Political Economy*, 89, 959–974.
- Krugman, P. R. (1983). New theories of trade among industrial countries. *American Economic Review*, 73, 343–347 (Papers and Proceedings).
- Krugman, P. R. (1990). *Rethinking international trade*. Cambridge, MA: MIT Press.
- Krugman, P. R. (1991a). *Geography and trade*. Cambridge, MA: MIT Press.
- Krugman, P. R. (1991b). Increasing returns and economic geography. *Journal of Political Economy*, 99, 483–499.
- Krugman, P. R. (1991). History versus expectations. *Quarterly Journal of Economics*, 106, 651–667.
- Krugman, P. R. (1993a). On the relationship between trade theory and location theory. *Review of International Economics*, 1, 110–122.
- Krugman, P. R. (1993b). The hub effect: Or, threeness in interregional trade. In W. J. Ethier, E. Helpman, & J. P. Neary (Eds.), *Theory, policy and dynamics in international trade*. Cambridge, UK: Cambridge University Press.
- Krugman, P. R. (1997). What should trade negotiators negotiate about? *Journal of Economic Literature*, 35, 113–120.
- Krugman, P. R. (2000). Technology, trade and factor prices. *Journal of International Economics*, 50, 51–71.
- Krugman, P. R., Obstfeld, M., & Melitz, M. J. (2011). *International economics: Theory and policy* (9th ed.). New York: Addison-Wesley.
- Krugman, P. R., & Venables, A. J. (1995). Globalization and the inequality of nations. *Quarterly Journal of Economics*, 110, 857–880.
- Laffer, A. B., & Miles, M. A. (1982). *International economics in an integrated world*. Glenview, IL: Scott, Foresman.
- Lai, E. L. C. (1995). The product cycle and the world distribution of income: A reformulation. *Journal of International Economics*, 39, 369–382.
- Laird, S., & Yeats, A. (1990). Trends in non-tariff barriers of developed countries, 1966–86. *Weltwirtschaftliches Archiv*, 126, 299–325.

- Lancaster, K. (1957). The Heckscher-Ohlin trade model: A geometric treatment. *Economica*, 24, 19–39. (Reprinted in J. N. Bhagwati, Ed., 1969, pp. 49–74)
- Lancaster, K. (1966). A new approach to consumer theory. *Journal of Political Economy*, 74, 132–157.
- Lancaster, K. (1971). *Consumer demand: A new approach*. New York: Columbia University Press.
- Lancaster, K. (1980). Intra-industry trade under perfect monopolistic competition. *Journal of International Economics*, 10, 151–175.
- Lane, J. (1985). An empirical estimate of the effects of labor-market distortions on the factor content of U.S. trade. *Journal of International Economics*, 18, 187–193.
- Leamer, E. E. (1980). The Leontief paradox, reconsidered. *Journal of Political Economy*, 80, 495–503.
- Leamer, E. E. (1984). *Sources of comparative advantage: Theory and evidence*. Cambridge, MA: MIT Press.
- Leamer, E. E. (2000). What's the use of factor contents? *Journal of International Economics*, 50, 17–49.
- Leamer, E. E., & Levinsohn, J. (1995). International trade theory: The evidence. In G. M. Grossman & K. Rogoff (Eds.), *Handbook of international economics* (Vol. III). Amsterdam: North-Holland.
- Leontief, W. W. (1953). Domestic production and foreign trade: The American position reexamined. *Proceedings of the American Philosophical Society*, 97, 332–349. (Reprinted in *Input-output economics*, by W. Leontief, 1966, chap. 5 (pages refer to this reprint) New York: Oxford University Press; and in J. N. Bhagwati, Ed., 1969, pp. 93–139)
- Leontief, W. W. (1956). Factor proportions and the structure of American trade: Further theoretical and empirical analysis. *Review of Economics and Statistics*, 38, 386–407. (Reprinted in W. Leontief, 1966, *Input-Output Economics*, op. cit., chap. 6)
- Lerner, A. P. (1936). The symmetry between import and export taxes. *Economica*, 3, 306–313. (Reprinted in R. E. Caves & H. G. Johnson, Eds., 1968, pp. 197–203)
- Lerner, A. P. (1952). 1933. Factor prices and international trade. *Economica*, 19, 1–15. (This article reproduces the text of a paper prepared for a seminar at the London School of Economics in 1933, as it was originally written). Reprinted in *Essays in economic analysis*, pp. 67–84, by A. P. Lerner, 1953, London: Macmillan.
- Levchenko, A. A. (2007). Institutional quality and international trade. *Review of Economic Studies*, 74, 791–819.
- Lindbeck, A. (Ed.). (1979). *Inflation and employment in open economies*. Amsterdam: North-Holland.
- Linder, S. B. (1961). *An essays on trade and transformation*. New York: Wiley.
- Lipsey, R. G. (1960). The theory of customs unions: A general survey. *Economic Journal*, 70, 496–513. (Reprinted in R. E. Caves & H. G. Johnson, Eds., 1968, pp. 261–278; in J. N. Bhagwati, Ed., 1969, pp. 218–241; and in J. N. Bhagwati, Ed., 1981, pp. 265–282)
- Lipsey, R. G. (1970). *The theory of customs unions: A general equilibrium analysis*. London: Weidenfeld and Nicolson.
- Lipsey, R. G., & Lancaster, K. (1956). The general theory of second best. *Review of Economic Studies*, 24, 11–32.
- Lloyd, P. J. (1974). A more general theory of price distortions in open economies. *Journal of International Economics*, 4, 365–386.
- Lloyd, P. J. (1982). 3 × 3 theory of customs unions. *Journal of International Economics*, 12, 41–63.
- Lloyd, P. J. (1985). The Ricardian and Heckscher-Ohlin explanations of trade: A comment on a general theorem which is not general. *Oxford Economic Papers*, 37, 138–141.
- Long, N. V. (1983). The effects of a booming export industry on the rest of the economy. *Economic Record*, 59, 57–60.
- Long, N. V., & Wong, K.-Y. (1998). Endogenous growth and international trade: A survey. In B. S. Jensen & K.-Y. Wong (Eds.), *Dynamics, economic growth, and international trade*. Ann Arbor, MI: University of Michigan Press.

- Lopez, R. A., & Pagoulatos, E. (1994). Rent seeking and the welfare costs of trade barriers. *Public Choice*, 79, 149–160.
- Lösch, A. (1954, 1940). *Economics of location*. New Haven, CT: Yale University Press (English translation of 1940 German original).
- Ludema, R. D., & Wooton, I. (2000). Economic geography and the fiscal effects of regional integration. *Journal of International Economics*, 52, 331–357.
- Magee, S. P. (1980). *International trade*. Reading, MA: Addison-Wesley.
- Mainwaring, L. (1984). *Value and distribution in capitalist economies*. Cambridge, UK: Cambridge University Press.
- Mainwaring, L. (1988). A neo-ricardian analysis of international trade. In I. Steedman (Ed.), *Stratford economics* (Vol. 2, pp. 201–217). Aldershot, UK: Elgar.
- Mainwaring, L. (1991). *Dynamics of uneven development* (pp. 201–217). Aldershot, UK: Elgar.
- Manasse, P., & Turrini, A. (2001). Trade, wages, and ‘Superstars’. *Journal of International Economics*, 54, 97–117.
- Markusen, J. R. (1981). Trade and the gains from trade with imperfect competition. *Journal of International Economics*, 11, 531–551.
- Markusen, J. R., & Melvin, J. R. (1979). Tariffs, capital mobility, and foreign ownership. *Journal of International Economics*, 9, 395–409.
- Markusen, J. R., Melvin, J. R., Kaempfer, W. H., & Maskus, K. E. (1995). *International trade: Theory and evidence*. New York: McGraw-Hill.
- Markusen, J. R., & Svensson, L. E. O. (1985). Trade in goods and factors with international differences in technology. *International Economic Review*, 26, 175–192.
- Markusen, J. R., & Venables, A. J. (1988). Trade policy with increasing returns and imperfect competition: Contradictory results from competing assumptions. *Journal of International Economics*, 24, 299–316.
- Marshall, A. (1879, 1930). *The pure theory of foreign trade*. (Privately circulated in 1879; reprinted in 1930 and subsequently by London School of Economics, Reprints of Scarce Tracts on Political Economy, London, Lund Humphries)
- Marshall, A. (1923). *Money, credit and commerce*. London: Macmillan.
- Martin, J. P., & Neary, J. P. (1980). Variable labour supply and the pure theory of international trade: An empirical note. *Journal of International Economics*, 10, 549–559.
- Martin, J. P., & Rogers, C. A. (1995). Industrial location and public infrastructure. *Journal of International Economics*, 39, 335–351.
- Martin, L., & Panagariya, A. (1984). Smuggling, trade and price disparity: A crime-theoretic approach. *Journal of International Economics*, 17, 201–217.
- Martin, P., & Ottaviano, G. I. P. (1999). Growing locations: Industry location in a model of endogenous growth. *European Economic Review*, 43, 281–302.
- Martin, P., & Ottaviano, G. I. P. (2001). Growth and agglomeration. *International Economic Review*, 42, 947–968.
- Martin, S. (1993). *Advanced industrial economics*. Oxford, UK: Blackwell.
- Mas-Colell, A., Whinston, M. D., & Green, J. R. (1995). *Microeconomic theory*. Oxford, UK/New York: Oxford University Press.
- Maskus, K. E. (1985). A test of the Heckscher-Ohlin-Vanek theorem: The Leontief commonplace. *Journal of International Economics*, 19, 201–212.
- Mayer, W. (1993). Lobbying for tariff policies. *Review of International Economics*, 1, 221–233.
- McDermott, J. (1985). The Rybczynski theorem: Short-run adjustment. *Southern Economic Journal*, 51, 241–249.
- McKenzie, L. (1954a). On equilibrium in Graham’s model of world trade and other competitive systems. *Econometrica*, 22, 147–161.
- McKenzie, L. (1954b). Specialization and efficiency in world production. *Review of Economic Studies*, 21, 165–180.
- McKenzie, L. (1955). Specialization in production and the production possibility locus. *Review of Economic Studies*, 23, 56–64.

- McMillan, J. (1989). *Game theory in international economics*. Chur, Switzerland/New York: Harwood Academic Publishers.
- Meade, J. E. (1952). *A geometry of international trade*. London: Allen & Unwin.
- Meade, J. E. (1955). *The theory of international economic policy* (Trade and welfare, Vol. 2). London/New York: Oxford University Press.
- Melitz, M. (2003). The impact of trade on intra-industry reallocation and aggregate industry productivity. *Econometrica*, 71, 1695–1725.
- Messerlin, P. A. (1981). The political economy of protectionism: The bureaucratic case. *Weltwirtschaftliches Archiv*, 117, 469–496.
- Metcalfe, J. S., & Steedman, I. (1981). On the transformation of theorems. *Journal of International Economics*, 11, 267–271.
- Metzler, L. A. (1949). Tariffs, the terms of trade, and the distribution of national income. *Journal of Political Economy*, 57, 1–29. (Reprinted in *Collected papers*, pp. 159–197, by L. A. Metzler, 1973, Harvard University Press; and in R. E. Caves & H. G. Johnson, Eds., 1968, pp. 24–57)
- Mill, J. S. (1848). *Principles of political economy* (1st ed.). London: Parker. (Reprint of the 9th ed. by W. J. Ashley Ed., 1909, London: Longmans Green; reproduced in facsimile 1961, New York: Kelley)
- Minhas, B. S. (1962). The homohypallagic production function, factor intensity reversals, and the Heckscher-Ohlin theorem. *Journal of Political Economy*, 70, 138–156. (Reprinted in J. N. Bhagwati, Ed., 1969, pp. 140–168)
- Moore, M. O., & Suranovic, S. M. (1992). Lobbying vs. administered protection: Endogenous industry choice and national welfare. *Journal of International Economics*, 32, 289–303.
- Morey, E. S. (1984). Confuser surplus. *American economic review*, 74, 163–173.
- Morkre, M. E., & Kelly, K. H. (1994). *Effects of unfair imports on domestic industries: US antidumping and countervailing duties cases, 1980 to 1988*. Washington, DC: Bureau of Economics, Federal Trade Commission.
- Mosak, J. L. (1944). *General-equilibrium theory in international trade* (Cowles Commission Monograph No.7). Bloomington, IN: Principia Press.
- Motta, M. (1992). Sunk costs and trade liberalisation. *Economic Journal*, 102, 578–587.
- Mundell, R. A. (1957a). A geometry of transport costs in international trade theory. *Canadian Journal of Economics and Political Science*, 23, 331–348. (Reprinted in R. A. Mundell, 1968, chap. 5)
- Mundell, R. A. (1957b). International trade and factor mobility. *American Economic Review*, 47, 321–335. (Reprinted in R. A. Mundell, 1968, chap. 6; in R. E. Caves & H. G. Johnson, Eds., 1968, pp. 101–114; and in J. N. Bhagwati, Ed., 1981, pp. 17–20)
- Mundell, R. A. (1968). *International economics*. New York: Macmillan.
- Murata, Y. (2003). Product diversity, taste heterogeneity, and geographic distribution of economic activities: Market vs. non-market interactions. *Journal of Urban Economics*, 53, 126–144.
- Murray, T., Schmidt, W., & Walter, I. (1978). Alternative forms of protection against market disruption. *Kyklos*, 31, 624–637.
- Myint, H. (1958). The “Classical Theory” of international trade and the underdeveloped countries. *Economic Journal*, 68, 317–337.
- Neary, J. P. (1984). The Heckscher-Ohlin model as an aggregate. In A. Ingham & A. M. Ulph (Eds.), *Demand, equilibrium and trade: Essays in honour of Ivor F. Pearce* (pp. 57–76). London: Macmillan.
- Neary, J. P. (1985a). The observational equivalence of the Ricardian and Heckscher-Ohlin explanations of trade patterns. *Oxford Economic Papers*, 37, 142–147.
- Neary, J. P. (1985b). Two-by-two international trade theory with many goods and factors. *Econometrica*, 53, 1233–1247.
- Neary, J. P. (1991). Export subsidies and price competition. In E. Helpman & A. Razin (Eds.), *International trade and trade policy* (chap. 5). Cambridge, MA: MIT Press.
- Neary, J. P. (1995). Factor mobility and international trade. *Canadian Journal of Economics*, 28(Special Issue), S4–S23.

- Neary, J. P. (2001). Of hype and hyperbolas: Introducing the new economic geography. *Journal of Economic Literature*, 39, 536–561.
- Neary, J. P. (2002). Foreign competition and wage inequality. *Review of International Economics*, 10, 680–693.
- Neary, J. P. (2009). *International trade in general oligopolistic equilibrium*. Oxford University, mimeo.
- Neary, J. P., & Tharakan, J. (2012). International trade with endogenous mode of competition in general equilibrium. *Journal of International Economics*, 86, 118–132.
- Negishi, T. (1972). *General equilibrium theory and international trade*. Amsterdam: North-Holland.
- Negishi, T. (1982). The labour theory of value in the Ricardian theory of international trade. *History of Political Economy*, 14, 199–210.
- Newman, P. K. (Ed.). (1968). *Readings in mathematical economics* (Vol. I). Baltimore: Johns Hopkins University Press.
- Nikaidô, H. (1956). On the classical multilateral exchange problem. *Metroeconomica*, 8, 135–145. (Reprinted in P. K. Newman, Ed., 1968, pp. 116–126)
- Nikaidô, H. (1957). A supplementary note to “On the Classical Multilateral Exchange Problem”. *Metroeconomica*, 9, 209–210. (Reprinted in P. K. Newman, Ed., 1968, pp. 127–128)
- Nocco, A. (2005). The rise and fall of regional inequalities with technological differences and knowledge spillovers. *Regional Science and Urban Economics*, 35, 542–569.
- Norman, V. D., & Venables, A. J. (1995). International trade, factor mobility, and trade costs. *Economic Journal*, 105, 1488–1504.
- Norton, D. A. G. (1988). On the economic theory of smuggling. *Economica*, 55, 107–118.
- Nunn, N. (2007). Relation-specificity, incomplete contracts and the pattern of trade. *Quarterly Journal of Economics*, 122, 569–600.
- Ohlin, B. (1933). *Interregional and international trade*. Cambridge, MA: Harvard University Press (Rev. ed., 1967). (Excerpts are contained in W. R. Allen, Ed., 1965, chap. 7)
- Ohlin, B., Hesselborn, P., & Wijkman, P. M. (Eds.). (1977). *The international allocation of economic activity*. London: Macmillan.
- Olson, M. (1964). *The logic of collective action*. Cambridge, MA: Harvard University Press.
- Oniki, H., & Uzawa, H. (1965). Patterns of trade and investment in a dynamic model of international trade. *Review of Economic Studies*, 32, 15–38.
- Ottaviano, G. I. P. (1999). Integration, geography, and the burden of history. *Regional Science and Urban Economics*, 29, 245–256.
- Ottaviano, G. I. P. (2001). Monopolistic competition, trade, and endogenous spatial fluctuations. *Regional science and urban economics*, 31, 51–77.
- Ottaviano, G. I. P., & Robert-Nicoud, F. L. (2006). The ‘Genome’ of NEG models with vertical linkages: A positive and normative synthesis. *Journal of Economic Geography*, 6, 113–139.
- Ottaviano, G. I. P., Tabuchi, T., & Thisse, J.-F. (2002). Agglomeration and trade revisited. *International Economic Review*, 43, 409–435.
- Ottaviano, G. I. P., & van Ypersele, T. (2005). Market size and tax competition. *Journal of International Economics*, 67, 25–46.
- Padoan, P. C. (1977). Una nota sulla distinzione fra beni “commerciabili” e beni “non commerciabili”. *Note Economiche*, 3, 90–102.
- Panagariya, A. (2000). Evaluating the factor-content approach to measuring the effect of trade on wage inequality. *Journal of International Economics*, 50, 91–116.
- Pareto, V. (1906). *Manuale d’economia politica*. Milano: Societa’ editrice libraria. (Reprinted, with translation of the mathematical Appendix of the French edition, 1965, Roma, Bizzarri; French translation (with new mathematical Appendix): V. Pareto, 1909, *Manuel d’économie politique*, Paris, Giard et Brière; English translation from the French edition: V. Pareto, 1971, *Manual of Political Economy*, New York: A.M. Kelley)
- Parrinello, S. (1970). Introduzione a una teoria neoricardiana del commercio internazionale. *Studi Economici*, 25, 267–321.
- Parrinello, S. (1979). Distribution, growth, and international trade. In I. Steedman (Ed.) (pp. 159–187).

- Parrinello, S. (1988). On foreign trade and the Ricardian model of trade. *Journal of Post Keynesian Economics*, 10, 585–601.
- Pasinetti, L. (1977). *Lectures on the theory of production*. New York: Columbia University Press.
- Pasinetti, L. (1981). *Structural change and economic growth—A theoretical essays on the dynamics of the wealth of nations*. Cambridge, UK: Cambridge University Press.
- Pearce, I. F. (1952). The factor price equalization myth. *Review of Economic Studies*, 19, 111–120. (With mathematical appendix in collaboration with S. F. James)
- Pearce, I. F. (1970). *International trade*. London: Macmillan.
- Petith, H. C. (1974). The pattern of trade in a neoclassical growth model with a general saving function. *Journal of International Economics*, 4, 387–393.
- Philpot, G. (1970). Labor quality, returns to scale and the elasticity of factor substitution. *Review of Economics and Statistics*, 52, 194–199.
- Pinto, B. (1986). Repeated games and the “Reciprocal Dumping” model of trade. *Journal of International Economics*, 20, 357–366.
- Pitt, M. A. (1981). Smuggling and price disparity. *Journal of International Economics*, 11, 447–458.
- Pollak, R. A. (1971). Additive utility function and linear engel curves. *Review of Economic Studies*, 38, 221–230.
- Pomery, J. (1979). Uncertainty and international trade. In R. Dornbusch & J. Frenkel (Eds.), *International economic policy: Theory and evidence* (chap. 4). Baltimore: Johns Hopkins University Press.
- Pomery, J. (1984). Uncertainty in trade models. In R. W. Jones & P. B. Kenen (Eds.) (chap. 9).
- Pomfret, R. (1989). The economics of voluntary export restraint agreements. *Journal of Economic Surveys*, 3, 199–211.
- Pomfret, R. (1992). *International trade policy with imperfect competition* (Special paper in *International economics*, Vol. 17). Princeton, NJ: Princeton University, International Finance Section.
- Posner, M. V. (1961). International trade and technical change. *Oxford Economic Papers*, 13, 323–341.
- Prusa, T. J. (1992). Why are so many antidumping petitions withdrawn? *Journal of International Economics*, 33, 1–20.
- Puga, D. (1999). The rise and fall of regional inequalities. *European Economic Review*, 43, 303–334.
- Puga, D., & Venables, A. J. (1997). Preferential trading arrangements and industrial location. *Journal of International Economics*, 43, 347–368.
- Qiu, L. D. (1995). Why can’t countervailing duties deter export subsidization? *Journal of International Economics*, 39, 249–272.
- Razawi, H. (1984). An economic model of OPEC coalition. *Southern Economic Journal*, 51, 419–428.
- Redding, S., & Venables, A. J. (2004). Economic geography and international inequality. *Journal of International Economics*, 62, 53–82.
- Redding, S. J. (2010). The empirics of new economic geography. *Journal of Regional Science*, 50, 297–311.
- Redding, S. J. (2011). Theories of heterogeneous firms and trade. *Annual Review of Economics*, 3, 77–105.
- Redding, S. J., & Sturm, D. (2008). The costs of remoteness: Evidence from German division and reunification. *American Economic Review*, 98, 1766–1797.
- Ricardo, D. (1817). *On the principles of political economy and taxation* (1st ed.). London: J. Murray. (Reprinted as Vol. 1 of *The works and correspondence of david Ricardo*, by P. Sraffa, Ed., 1951, Cambridge University Press)
- Ricci, L. A. (1999). Economic geography and comparative advantage: Agglomeration versus specialization. *European Economic Review*, 43, 357–377.
- Riedel, J. (1976). Intermediate products and the theory of international trade: A generalization of the pure intermediate goods case. *American Economic Review*, 66, 441–447.

- Robert-Nicoud, F. L. (2005). The structure of simple 'New Economic Geography' models (or, on identical twins). *Journal of Economic Geography*, 5, 201–234.
- Robinson, J. (1954). The production function and the theory of capital. *Review of Economic Studies*, 21, 81–106. (Reprinted (in part) in *Collected economic papers*, Vol. 11, pp. 114–131, by J. Robinson, 1960, Oxford, UK: Blackwell)
- Robson, P. (1998). *The economics of international integration* (4th ed.). London: Allen & Unwin.
- Romalis, J. (2004). Factor proportions and the structure of commodity trade. *American Economic Review*, 91, 67–97.
- Romer, P. M. (1994). The origins of endogenous growth. *Journal of Economic Perspectives*, 8, 3–22.
- Ruffin, R. J. (1984). International factor movements. In R. W. Jones & P. B. Kenen (Eds.) (chap. 5).
- Rybczynski, T. M. (1955). Factor endowment and relative commodity prices. *Economica*, 22, 336–341. (Reprinted in R. E. Caves & H. G. Johnson, Eds., 1968, pp. 72–77)
- Salop, S. C. (1979). Monopolistic competition with outside goods. *Bell Journal of Economics*, 10, 141–156.
- Salter, W. E. G. (1959). Internal and external balance: The role of price and expenditure effects. *Economic Record*, 35, 226–238.
- Salvatore, D. (2010). *International economics: Trade and finance* (10th ed.). New York: Wiley.
- Samuelson, P. A. (1947). *Foundations of economic analysis*. Cambridge, MA: Harvard University Press (enlarged edition, 1983).
- Samuelson, P. A. (1948). International trade and the equalisation of factor prices. *Economic Journal*, 58, 163–184. (Reprinted in P. A. Samuelson, 1966b, chap. 67)
- Samuelson, P. A. (1949). International factor price equalisation once again. *Economic Journal*, 59, 181–197. (Reprinted in P. A. Samuelson, 1966b, chap. 68; in R. E. Caves & H. G. Johnson, Eds., 1968, pp. 58–71; and in J. N. Bhagwati, Ed., 1981, pp. 3–16)
- Samuelson, P. A. (1953). Prices of factors and goods in general equilibrium. *Review of Economic Studies*, 21, 1–20. (Reprinted (with postscript) in P. A. Samuelson, 1966b, chap. 70)
- Samuelson, P. A. (1954). The transfer problem and transport costs, II: Analysis of effects of trade impediments. *Economic Journal*, 63, 264–289. (Reprinted in P. A. Samuelson, 1966b, pp. 1012–1037)
- Samuelson, P. A. (1962). Parable and realism in capital theory: The surrogate production function. *Review of Economic Studies*, 29, 193–206. (Reprinted in P. A. Samuelson, 1966a, chap. 28)
- Samuelson, P. A. (1965). Equalization by trade of the interest rate along with the real wage. In Various Authors (Eds.), *Trade, growth and the balance of payments: Essays in honour of G. Haberler* (pp. 35–52). Chicago: Rand McNally. (Reprinted in P. A. Samuelson, 1966b, chap. 71)
- Samuelson, P. A. (1966a). Edited by J. E. Stiglitz, *Collected scientific papers* (Vol. I). Cambridge, MA: MIT Press.
- Samuelson, P. A. (1966b). Edited by J. E. Stiglitz, *Collected scientific papers* (Vol. II). Cambridge, MA: MIT Press.
- Samuelson, P. A. (1967). Summary on factor price equalization. *International Economic Review*, 8, 286–295. (Reprinted in P. A. Samuelson, 1972, chap. 161)
- Samuelson, P. A. (1971). Ohlin was right. *Swedish Journal of Economics*, 73, 365–384. (Reprinted in P. A. Samuelson, 1977, pp. 667–686)
- Samuelson, P. A. (1972). Edited by R. Merton, *Collected scientific papers* (Vol. III). Cambridge, MA: MIT Press.
- Samuelson, P. A. (1977). Edited by H. Nagatani & K. Crowley, *Collected scientific papers* (Vol. IV). Cambridge, MA: MIT Press.
- Sanyal, K. K., & Jones, R. W. (1982). The theory of trade in middle products. *American Economic Review*, 72, 16–31.
- Sarkar, A. (1984). A dynamic assignment problem. *International Economic Review*, 25, 663–670.
- Sarkar, A. (1985). A model of trade in intermediate goods. *Journal of International Economics*, 19, 85–98.

- Savosnick, K. M. (1958). The box diagram and the production possibility curve. *Ekonomisk Tidskrift*, 60, 183–197.
- Schefold, B. (1985). Cambridge price theory: Special model or general theory of value? *American Economic Review*, 75, 140–145 (Papers and Proceedings).
- Schucknecht, L. (1992). *Trade protection in the European community*. Reading, UK: Harwood Academic Publishers.
- Sgro, P. M. (1986). *The theory of duality and international trade*. New York: New York University Press.
- Shaked, A., & Sutton, J. (1982). Relaxing price competition through product differentiation. *Review of Economic Studies*, 49, 3–13.
- Shaked, A., & Sutton, J. (1983). Natural oligopolies. *Econometrica*, 51, 1469–1483.
- Shaked, A., & Sutton, J. (1984). Natural oligopolies and international trade. In H. Kierzkowski (Ed.) (pp. 34–50).
- Sheikh, M. A. (1974). Smuggling, production and welfare. *Journal of International Economics*, 4, 335–364. (Reprinted in J. N. Bhagwati, Ed., 1981, pp. 233–242)
- Smith, A. (1984). Capital theory and trade theory. In R. W. Jones & P. B. Kenen (Eds.) (chap. 6).
- Smith, M. A. M. (1977). Capital accumulation in the open two-sector economy. *Economic Journal*, 87, 273–282. (Reprinted in J. N. Bhagwati, Ed., 1981, pp. 329–341)
- Snape, R. H. (1977). Effects of mineral development on the economy. *Australian Journal of Agricultural Economics*, 21, 147–156.
- Södersten, B., & Reed, G. (1994). *International economics* (3rd ed.). London: Macmillan.
- Solow, R. M. (1992). *Siena lectures on endogenous growth theory*. University of Siena, Department of Economics Monographs series No. 6. (A revised and enlarged edition has been published in Italian as R. M. Solow, 1994, *Lezioni sulla teoria della crescita endogena* (with appendices by Serena Sordi). Roma: La Nuova Italia Scientifica).
- Spaventa, L. (1968). Realism without parables in capital theory. In *Récherches récentes sur la fonction de production* (pp. 15–45). Namur, Belgium: Centre d'Etudes et de Recherches Universitaires de Namur.
- Spence, A. M. (1976). Product selection, fixed costs, and monopolistic competition. *Review of Economic Studies*, 43, 215–235.
- Sraffa, P. (1960). *Production of commodities by means of commodities*. Cambridge, UK: Cambridge University Press.
- Steedman, I. (Ed.). (1979). *Fundamental issues in trade theory*. London: Macmillan.
- Steedman, I. (1979). *Trade amongst growing economies*. Cambridge, UK: Cambridge University Press.
- Stern, R. M. (1973). Tariffs and other measures of trade control: A survey of recent developments. *Journal of Economic Literature*, 11, 857–888.
- Stern, R. M. (1975). Testing trade theories. In P. B. Kenen (Ed.), *International trade and finance*. Cambridge, UK: Cambridge University Press.
- Stern, R. M. (2003). Labor standards and trade agreements. *Revue d'Economie du Développement*, 17, 125–150.
- Stern, R. M., & Maskus, K. E. (1981). Determinants of the structure of U.S. foreign trade, 1958–1976. *Journal of International Economics*, 11, 207–224.
- Stolper, W. F., & Samuelson, P. A. (1941). Protection and real wages. *Review of Economic Studies*, 9, 50–73. (Reprinted in J. N. Bhagwati, Ed., 1969, pp. 245–268; and in P. A. Samuelson, 1972, pp. 831–846)
- Svensson, L. E. O. (1984). Factor trade and goods trade. *Journal of International Economics*, 16, 365–378.
- Swann, D. (2000). *The economics of Europe: From common market to European union* (9th ed.). London: Penguin.
- Tabuchi, T., & Thisse, J.-F. (2002). Taste heterogeneity, labor mobility and economic geography. *Journal of Development Economics*, 69, 155–177.
- Takacs, W. E. (1978). The nonequivalence of tariffs, import quotas, and voluntary export restraints. *Journal of International Economics*, 8, 565–573.

- Takayama, A. (1972). *International trade: An approach to the theory*. New York: Holt, Rinehart & Winston.
- Tharakan, P. K. M. (Ed.). (1983). *Intra-industry trade: Empirical and methodological aspects*. Amsterdam: North-Holland.
- Torrens, R. (1815). *An essay on the external corn trade* (1st ed.). London: J. Hatchard.
- Travis, W. P. (1964). *The theory of trade and protection*. Cambridge, MA: Harvard University Press.
- Trefler, D. (1993). International factor price differences: Leontief was right! *Journal of Political Economy*, 101, 961–987.
- Trefler, D. (1995). The case of the missing trade and other mysteries. *American Economic Review*, 85, 1029–1046.
- Trionfetti, F. (2001). Public procurement, economic integration, and income inequality. *Review of International Economics*, 9, 29–41.
- Trionfetti, F. (2012). Public debt and economic geography. *International Regional Science Review*. Published online 9 November 2012 as doi:10.1177/0160017612462873.
- Tsoulaklis, L. (1997). *The new European economy revisited* (3rd ed.). Oxford, UK: Oxford University Press.
- Unel, B. (2010). Firm heterogeneity, trade, and wage inequality. *Journal of Economic Dynamics & Control*, 34, 1369–1379.
- United Nations. (1975). *Standard international trade classification* (Revision 2). New York: UN (Statistical Office, Department of Economic and Social Affairs).
- Vanek, J. (1959). The natural resource content of foreign trade, 1870–1955, and the relative abundance of natural resources in the United States. *Review of Economics and Statistics*, 41, 146–153.
- Vanek, J. (1962). *International trade: Theory and economic policy*. Homewood, IL: Irwin.
- Vanek, J. (1963). Variable factor proportions and interindustry flows in the theory of international trade. *Quarterly Journal of Economics*, 77, 129–142.
- Vanek, J. (1966). Towards a more general theory of growth with technological change. *Economic Journal*, 76, 841–854.
- Vanek, J. (1968). The factor proportions theory: The n-factor case. *Kyklos* 21, 749–754.
- van Wijnbergen, S. (1984). The ‘Dutch Disease’: A disease after all? *Economic Journal*, 94, 41–55.
- Varian, H. R. (1992). *Microeconomic analysis* (3rd ed.). New York: Norton.
- Various Authors (Eds.). (1965). *Trade, growth and the balance of payments: Essays in honour of G. Haberler*. Chicago: Rand McNally.
- Various Authors. (1966). Paradoxes in capital theory: A symposium. *Quarterly Journal of Economics*, 80, 503–583.
- Various Authors. (1973). The theory of effective protection in general equilibrium: A symposium. *Journal of International Economics*, 3(3), 205–281.
- Various Authors. (1983). International factor mobility: A symposium. *Journal of International Economics*, 14(3/4), 209–412.
- Venables, A. J. (1985). Trade and trade policy with imperfect competition: The case of identical products and free entry. *Journal of International Economics*, 19, 1–19.
- Venables, A. J. (1987). Trade and trade policy with differentiated products: A Chamberlinian-Ricardian model. *Economic Journal*, 97, 700–717.
- Venables, A. J. (1990). International capacity choice and national market games. *Journal of International Economics*, 29, 23–42.
- Vernon, R. (1966). International investment and international trade in the product cycle. *Quarterly Journal of Economics*, 80, 190–207.
- Vernon, R. (1979). The product cycle hypothesis in a new international environment. *Oxford Bulletin of Economics and Statistics*, 41, 255–267.
- Vernon, R. (Ed.). (1970). *The technology factor in international trade*. New York: NBER.
- Viner, J. (1937). *Studies in the theory of international trade*. New York: Harper & Brothers.
- Viner, J. (1950). *The customs union issue*. New York: Carnegie Endowment for International Peace.

- Vona, S. (1990). Intra-industry trade: A statistical artifact or a real phenomenon? *Banca Nazionale del Lavoro Quarterly Review*, 175, 383–412.
- von Thünen, J. H. (1966), 1826. *Von Thünen's isolated state*. (English translation of 1826 German original, P. Hall, Ed., Oxford: Pergamon Press)
- Vori, S. (1984). L'ipotesi della "varietà" nelle nuove teorie del commercio internazionale: il modello e la sua verifica empirica. *Quaderni Sardi di Economia*, 14, 163–190.
- Vousden, N. (1990). *The economics of trade protection*. Cambridge, UK: Cambridge University Press.
- Wan, H. Y., Jr. (1971). *Economic growth*. New York: Harcourt Brace Jovanovich.
- Whitin, T. M. (1953). Classical theory, Graham's theory, and linear programming. *Quarterly Journal of Economics*, 47, 521–544.
- Williams, J. R. (1970). The resource content in international trade. *Canadian Journal of Economics*, 3, 111–122.
- Williamson, G. J. (2006). *Globalization and the poor periphery before 1950*. Cambridge, MA: MIT Press.
- Wilson, C. (1980). On the general structure of Ricardian models with a continuum of goods: Applications to growth, tariffs and technical change. *Econometrica*, 48, 1675–1702.
- Winters, L. A. (1989). Britain in Europe: A survey of quantitative trade studies. In A. Jacquemin & A. Sapir (Eds.), *The European internal market: Trade and competition*. Oxford, UK: Oxford University Press.
- Winters, L. A. (1992). The welfare and policy implications of the international trade consequences of "1992". *American Economic Review*, 82, 104–108 (Papers and Proceedings).
- Wong, K.-Y. (1995). *International trade in goods and factor mobility*. Cambridge, MA: MIT Press.
- Wood, A. (1994). Give Heckscher and Ohlin a chance! *Weltwirtschaftliches Archiv*, 130, 20–49.
- Woodland, A. D. (1982). *International trade and resource allocation*. Amsterdam: North-Holland.
- WTO. (1995). *Trading into the future: WTO-the World trade organization*. Geneva, Switzerland: World Trade Organization.
- Yabuuchi, S., & Tanaka, K. (1981). Non-traded inputs, interindustry flows, resource allocation and the ERP theory. *Journal of International Economics*, 11, 99–115.
- Yeaple, S. R. (2005). A simple model of firm heterogeneity and international trade, and wages. *Journal of International Economics*, 65, 1–20.
- Yeats, A. J. (1974). Effective tariff protection in the United States, the European economic community, and Japan. *The Quarterly Review of Economics and Business*, 14, 41–50.
- Yeung, P., & Tsang, H. (1972). Generalized production function and factor-intensity crossovers: An empirical analysis. *Economic Record*, 48, 387–399.
- Yntema, T. O. (1932). *A mathematical reformulation of the general theory of international trade*. Chicago: University of Chicago Press.
- Yoo, J.-H. (1993). The political economy of protection structure in Korea. In A. O. Krueger & T. Ito (Eds.), *Trade and protectionism*. Chicago: University of Chicago Press.

Index

- Absolute advantage, 12
Acemoglu, D., 365, 369, 372
Administered protection, 285
Administrative cost of tariffs, 221
Advance-deposit requirements, 241
Aghion, P., 163, 329, 586
Allen, R.G.D., 311
Alonso-Villar, 353
Amiti, M., 365, 402
Anderson, J.E., 498
Anderson, S.P., 291
Andersson, F., 362
Annicchiarico, B., 362
Annihilation of distance, 338
Antidumping, 289
Anti-trade growth, 301–303, 305, 552
Antràs, P., 365, 382
Arbitrage on goods, 288
Arrow, K.J., 495
ASEAN, 274
Availability, 165
- Backward linkages, 406, 620
Baldwin, Richard E., 196, 266, 359, 361
Baldwin, Robert E., 231, 246, 247, 283
Bandyopadhyay, S., 541
Bardhan, P.K., 573, 575
Barker, J., 169–171
Barone, E., 43, 114
Barriers to trade, 215, 230, 239, 277
Barro, R.J., 163, 329
Batra, R.N., 118, 120, 478
Beccaria, C., 151
Beckmann, M., 338
Behrens, K., 195, 362
Belloc, M., 23
- Bernard, A.B., 201, 210, 366
Bernhardt, D., 550
Bertrand, J., 205, 541
Best-reply functions, 203
Bhagwati, J.N., 29, 91, 95, 151, 153, 154, 207, 253, 272, 280, 287, 307, 457, 487, 498, 500, 533, 578
Biological model of trade, 207
Black-hole industrial agglomeration, 627
Border tax adjustments, 242, 291
Bowen, H.P., 93
Bowles, S., 23
Bowley, A.L., 33, 35, 70, 430
Box diagram, 34, 105, 313, 430
Brainard, S.L., 541
Brander, J.A., 202, 204, 248, 513, 515, 537, 541
Brecher, R.A., 94, 458
Brock, W.A., 283, 285, 547, 549
Broda, C., 210
Brühlhart, M., 195, 209, 361, 362, 609
Budget constraint(s), 41, 42, 59, 437–439, 506, 508, 582, 617
Burmeister, E., 311, 321
Burstein, A., 365
Bustos, P., 365
- Carrère, C., 362, 609
Cartels, 129, 234, 279, 530
Casas, F.R., 93, 118, 120, 473, 478
Chacholiades, M., 37, 55–57, 230
Chamberlin, E.H., 181
Characteristics of goods, 162, 163, 166
 and oligopolistic interaction, 206, 522
 and the variety hypothesis, 171
Charlot, S., 359

- Charos, E.N., 93
- Chipman, J.S., 11, 30, 54, 60, 68, 91, 411, 456, 457
- Choi, E.K., 93, 473
- Choudhri, E.U., 94
- c.i.f. and f.o.b., 115
- Circulating capital, 121, 423
- Clifton, D.S., Jr., 93, 95
- Cobb, C.W., 453, 617, 618
- Cobb-Douglas
 expenditure function, 617
 production function, 453, 618
- Combes, P.-P., 362
- Commercial policy, 215, 245, 277
- Commodity and factor prices, 67, 76, 125, 443, 453, 454
- Commodity price equalization, 137
- Common market, 266
- Comparative advantage, 13
- Comparative cost
 defined, 12, 13, 415
 graphic representation of, 15, 17
- Comparative cost theory, 11, 149, 411
 determination of terms of trade, 29
 generalizations, 23
 modern interpretations of, 19, 411, 413
 necessary condition, 12, 15, 24, 416
 specialization, 18, 21, 24, 25, 58, 424
 sufficient condition, 13, 16, 24
 trade balance equilibrium, 18
- Cone of diversification, 68
- Conjectural variations, 202
- Constant Elasticity of Substitution (CES)
 production function, 94, 453
 utility function, 506, 507, 618
- Constant returns to scale, 35, 36, 42, 63, 65, 73, 106, 109, 112, 122, 140, 161, 175, 187, 206, 330, 434, 443, 455, 467, 509, 617, 618
 defined, 432
- Consumers' surplus, 220, 233, 268, 269, 278, 290
- Consumption effect of a tariff, 219, 224
- Consumption gain from trade, 57
- Consumption point, 56, 59, 83, 136, 137, 152, 223, 257, 259, 260, 262, 308
- Consumption tax equivalent to a tariff, 219
- Contingent protection, 287
- Contract curve, 33
- Corden, W.M., 128, 129, 133, 232, 484, 532
- Core-periphery model, 340, 406, 407, 620, 628
 cost of living linkage, 345
 demand linkage, 345
 description of, 341
 dynamics, 344
 instantaneous equilibrium, 342
 market crowding, 346
- Cornes, R., 447
- Cost of housing linkage, 350
- Cost of living linkage, 345
- Costinot, A., 23, 365, 370, 375
- Countervailing duty (CVD), 291
- Cournot, A., 203, 205, 248, 285, 513, 515, 537, 540
- Cross hauling, 161
- Crozet, M., 195, 209, 362
- Cuñat, A., 23
- Cunynghame, H., 114
- Customs clearance formalities, 241
- Customs union
 benefits and costs, 269, 270
 defined, 266
 effects of, 266
 empirical studies, 271
 trade creation, 267–269
 trade diversion, 267, 268, 270
- Cutoff firms, 200
- Davies, S.W., 550
- Davis, D.R., 99, 161, 172, 175, 195, 208, 209, 362, 365, 402
- Deardorff, A.V., 91, 170, 207, 208, 245, 365, 457–459
- Debreu, G., 495
- Decreasing returns to scale, 54, 432
- Dei, F., 139, 489
- De-industrialization, 128, 132, 133, 484, 487
- Delocalization, 380
- Demand-and-supply curves, 47
- Demand for variety and international trade, 162, 171, 180, 206, 506, 510
- Demand linkage, 345
- Demonstration effect, 165
- Development, 300
- Diab, M.A., 92
- Diewert, W.E., 60, 447
- Differentiated products and international trade, 162, 165, 177, 204, 503
- Diminishing returns to labour model, 355
 labour cost linkage, 355
- Dinopoulos, E., 207, 280, 365, 388, 389
- Directly UnProductive (DUP) activities, 500
- Discrimination in international trade, 215
 government procurement policies, 241
 in price, 168, 287, 515
- Distortions
 in domestic factor markets, 261

- in domestic goods markets, 258
 - and tariffs, 259, 263
 - and theory of second best, 264, 545
- Dixit, A., 60, 122, 180, 458, 506, 507
- Dobell, A.R., 311, 321
- Dorfman, R., 22, 411, 413
- Dornbusch, R., 30, 415, 422
- Duality
 - approach, 60, 443, 463–465, 467, 476, 484
 - between the Rybczynski and Stolper-Samuelson theorems, 464
- Duesenberry, J.S., 165
- Dumas, B., 150, 495, 498
- Dumping, 287, 549
 - reciprocal, 204, 515
- Dunning, J., 142
- Dutch disease, 128
- Dynamism, 167

- Eaton, J., 206, 208, 498, 523
- Economic geography, 338, 406, 617
- Economic integration, 266
- Economic union, 266
- Economides, N., 170
- Economies of scale
 - skill biased, 388
- Edgeworth, F.Y., 28, 33, 35, 48, 70, 205, 307, 430
- Edgeworth-Bowley box, 33
- Effective factor inputs, 389
- Effective rate of protection, 243, 532
 - in various countries, 245
- Effects of FDI
 - on the home country, 143
 - on the host country, 144
- Efficiency locus, 35
- Elasticity
 - and Marshall-Lerner condition, 441
 - and stability of international equilibrium, 44, 51, 441–443
- Elasticity of demand
 - and cartels, 235, 237
 - constant, 508, 619
 - and dumping, 289
 - and Dutch disease, 484
 - for the importable, 303
 - for imports, 439
 - for imports and Lerner's case, 530
 - for imports and Metzler's case, 530
 - and markup, 289, 510, 619
 - and oligopoly, 207
 - and tariffs, 536
 - for a variety, 618
- Elasticity of export supply, 439
 - total, 439
- Elasticity of marginal product curve, 470
- Elasticity of offer curve, 51, 439
 - and optimum tariff, 544
- Elasticity of substitution
 - between factors, 67, 93, 445, 469, 485
 - between factors, and intensity reversal, 452
 - between goods on the demand side, 446, 506, 584
 - between goods on the supply side, 447
- Elasticity of supply, 486
 - and cartels, 237
 - of the importable, 303
- Ellison, G., 361
- Eltis, C.M., 170
- Embargo, 242
- Employment effects of a tariff, 221
- Endogenous
 - tariff determination, 284, 547
- Endogenous growth and international trade, 329
 - in the new theories, 331–333, 581
 - in the traditional theory, 330, 331, 579
- Endogenous market size, 406
- Entrepôt trade, 173
- Epifani, P., 365, 385
- Equivalent tariff rate, 231
- Ethier, W.J., 122, 123, 139, 457, 458, 490
- Euler's theorem, 42, 433, 574
- European Economic Community (EEC), 266, 272
- European Union (EU), 266, 272
- Evenett, S., 208
- Excess demand, 437, 438, 440, 480, 504, 527, 528, 573
 - and international trade, 44
 - and offer curve, 47
 - and Walras' law, 43, 46
- Expenditure function, 448
- Export duty, 233, 234
- Export effect of a tariff, 224
- External economies and international trade, 54, 161

- Factor abundance, 63, 92, 458
 - physical definition, 70, 83, 84, 454
 - price definition, 70, 84, 179
- Factor content of trade, 80
- Factor endowments, 573
 - as determinants of trade, 5, 63
- Factor immobility, 63, 72, 74, 94, 134, 572

- Factor intensity, 63, 64, 70, 112, 113, 125, 175, 313, 316, 457, 463, 559, 575
 apparent (or net), 119, 474
 gross (or total), 474
 reversal, 66, 68, 84, 85, 93, 104, 122, 125, 136, 299, 451, 456, 481, 496
 defined, 64
 and elasticity of substitution, 67, 452
 multiple, 67
 total (or gross), 119, 120
- Factor mobility, 3, 74, 94, 134, 424, 487, 572
 and the theorems of international trade, 139, 490–494
- Factor-price equalization (FPE), 72, 84, 85, 103, 120, 122, 126, 135, 139, 340, 456, 457, 463, 490, 492, 497
 absolute and relative, 72, 86
 generalization of, 458
- Factor-price equalization set, 77, 80
- Factor prices and commodity prices, 67, 76, 125, 443, 453, 454
- Factors of production
 elastic supply of, 123, 128, 478
 intermediate, 118, 121, 148, 242, 340, 406, 473, 476, 532, 617, 618
 primary, 33, 63, 118, 121, 125, 134, 148, 153, 242, 321, 330, 339, 474, 490
 produced, 33, 121, 134, 148, 321, 572
 specific, 109, 112, 127, 128, 177, 339, 467, 484
- Factor trade, 134, 148
- Fair trade, 286
- Falvey, R.E., 177, 179, 247, 503, 522
- Fausti, S., 154
- FDI. *See* Foreign direct investment (FDI)
- Feenstra, R.C., 365, 380
- Findlay, R., 37, 134, 285, 300, 312, 330, 331, 339, 340, 578, 580
- Fiscal revenue effect of a tariff, 219, 224
- Fischer, S., 30, 415, 422
- Fisher, F.M., 94
- Fixed cost, 182, 184, 198, 200, 204, 206
- Flam, H., 535
- f.o.b. and c.i.f., 115, 287
- Footloose capital model, 356
- Ford, J.L., 455
- Foreign direct investment (FDI), 141, 145
 horizontal, 141
 vertical, 141
- Forslid, R., 362
- Forward linkages, 406, 620
- FPE. *See* Factor price equalization (FPE)
- Fragmentation, 141
- Fragmentation of production, 380
- Free-trade area or association, 265
- Free trade vs. protection, 206, 221, 245, 247, 253, 254, 260, 263, 286, 541
- Frey, B.S., 283, 285
- Friedman, J.W., 520
- FTAA, 274
- Gabaix, X., 361
- Gabszewicz, J.J., 516, 517, 520, 522
- Gains from trade, 4, 16–18, 56, 57, 189, 205, 413
- Gaisford, J.(D.), 94
- Gale, D., 456, 458
- Gancia, G., 365, 385
- Gandolfo, G., 50, 407, 431, 442, 516, 554, 578, 594, 621, 623, 625
- Garicano, L., 365, 382
- General Agreement on Tariffs and Trade (GATT), 216
- General equilibrium
 and Walras' law, 42, 45
 in a closed economy, 39
 in an open economy, 43
 stability of, 44, 49, 440
- Gleaser, E.L., 361
- Globalization, 337, 617
- Globalization modes, 402, 403
- GNP function, 447
- Goldberg, P, 366
- Government procurement, 241
- Gravity
 in the new trade theories, 208
- Gravity equation, 197, 512
 odds and frictions, 513
- Green, H.A., 507
- Greenaway, D., 278
- Grinols, E.L., 272, 498
- Grossman, G.M., 162, 330, 332, 333, 498, 581, 583, 586, 601
- Growth and international trade, 299, 551, 557, 563
 comparative statics effects, 553
 consumption effects, 300, 551
 dynamic models, 321, 330, 331, 571, 579, 581
 endogenous, 330, 331, 579, 581
 immiserizing, 307, 489, 556
 production effects, 302, 552
- Grubel, H.G., 172, 174
- Grubert, H., 312
- Guerrieri, P., 246

- Haberler, G., 33, 246
 Hadley, G., 473
 Hanink, D.M., 170
 Hansen, B., 151, 153
 Hanson, G.H., 209, 365, 380
 Harkness, J., 458
 Harmonization, 286
 Harrigan, J., 61, 94
 Harrod, R.F., 321
 Hartquist, D.A., 287
 Hazari, B.R., 120
 Head, K., 195, 209
 Heckscher, E.F., 5, 60, 61, 63, 69, 70, 72, 73, 76, 82, 84–86, 90, 92, 94, 103, 104, 118, 120, 122, 136, 139, 161, 169, 175, 177, 179, 187, 188, 204, 321, 330, 339, 416, 454–459, 476, 477, 487, 497, 504
 Heckscher-Ohlin-Samuelson model, 63
 Heckscher-Ohlin theorem, 122, 179, 454, 476, 477, 492, 497
 empirical analyses of, 90
 extensions and generalizations, 82, 456
 factor-content version of, 457
 Heckscher-Ohlin-Vanek generalization, 87
 Heckscher-Ohlin-Vanek theorem, 81
 empirical analyses of, 89
 Helpman, E., 56, 193, 208, 330, 332, 333, 349, 365, 398, 458, 498, 506, 507, 509, 535–537, 581, 583, 586, 601
 Herberg, H., 54, 280, 434
 Heterogeneity, 402
 and wage inequality, 390, 392, 394, 398
 Hicks, J.R., 128, 175, 220, 311, 580
 Hillman, A.L., 94, 280
 Hirsch, S., 167, 332
 Hirshleifer, J., 495
 Hoff, K., 150
 Home-bias effect, 209
 Home market dominance, 191, 194, 345
 Home market effect, 190, 208, 536
 Homothetic production function, 388
 Homothetic utility function, 64
 Horiba, Y., 457
 Horizontal differentiation, 162
 Horizontal trade, 161
 Hotelling, H., 181
 Housing congestion model, 349
 cost of housing linkage, 350
 market integration and industrial localization, 351
 Houthakker, H.S., 93
 Howitt, P., 329, 586
 Hub-and-spoke arrangements, 266
 Hudec, R.E., 287
 Hufbauer, G.C., 166
 Human capital, 92
 Hummels, D., 208
 Iceberg
 trade cost, 198, 201, 209, 357, 397, 403
 transport costs, 115, 190, 202, 511, 513, 618
 Imitation, 167, 587
 lag, 166
 Immaterial offshoring, 382
 Immiserizing growth, 307, 319, 488, 489, 556, 559, 563, 569
 defined, 307
 Impediments to trade, 230, 239
 Imperfect competition and international trade, overview, 161
 Implicit tariff, 232, 243
 Import effect of a tariff, 219, 224
 Import equalization tax, 242
 Inada, K.-I., 433
 Inada-Uzawa conditions, 433
 Income effects and international trade
 Barker's theory, 170
 Linder's theory, 169
 vertical (or quality) differentiation, 162, 177, 204, 332, 516, 584
 Income elasticity of demand, 64, 130, 484, 551
 Increase in factor endowments, 299, 557, 560, 561
 and Rybczynski's theorem, 105, 309, 464, 558
 effects on domestic relative price of goods, 107
 effects on output levels, 106, 309, 558
 effects on terms of trade, 559
 effects on the terms of trade, 309
 Increasing returns to scale, 53, 55, 161, 163, 175, 180, 206, 329, 406, 432, 434, 509, 510, 513, 523, 617, 619, 627
 as a determinant of trade in the traditional theory, 56
 Industrial organisation approach to international trade, 159
 Infant industry, 247, 256, 300
 Inflation in open economies, 133
 Innovation, 166, 167, 586
 Input-output linkages model, 352
 I-O cost linkage, 354
 I-O demand linkage, 354
 Institutions and comparative advantage, 23
 Integrated

- industry, 473
 - world economy, 77, 186
- Inter-industry trade, 161
- Intermediate goods, 118, 121, 340, 402, 406, 473, 476, 617, 618
 - and effective rate of protection, 242, 532
 - pure, 118, 474
- Internal economies and international trade, 54, 161, 180
- International economics
 - definitions and classifications, 4
 - as a distinct subject, 3
- International investment, 487, 573
- International Trade Organization (ITO), 216
- Intra-industry trade
 - definition of, 161
 - in the new trade theories, 161, 179–182, 185, 186, 188, 204, 205, 207, 208, 406, 504, 510, 534, 618
 - as statistical phenomenon, 173
 - and traditional trade theory, 161, 172
- I-O demand linkage, 354
- I-O marginal cost linkage, 354
- ITO. *See* International Trade Organization (ITO)
- Itskhoki, O., 365, 398

- Jametti, M., 362
- Johnson, H.G., 74, 256, 268, 300, 322, 544
- Jones, R.W., 60, 105, 106, 110, 139, 280, 411, 443, 447, 448, 457, 467, 478, 484, 487, 489, 558
- Judd, K.L., 609

- Kamien, M.I., 582
- Keller, W., 208
- Kemp, M.C., 51, 54–56, 125, 128, 138, 165, 271, 434, 438, 441, 473, 480, 483, 487, 573, 575
- Kierzkowski, H., 179, 181, 206, 522, 523
- Kind, H.J., 362
- Kleinman, E., 170
- Knowledge capital, 142
- Kohler, W.K., 91
- Kol, J., 172
- Komiya, R., 483
- Kop, Y., 170
- Kortum, S., 208
- Kowalczyk, C., 266
- Kravis, I.B., 165, 166
- Kreinin, M.E., 92, 280
- Kreps, D.M., 203

- Krueger, A.O., 253
- Krugman, P.R., 163, 164, 181, 187, 189, 193, 196, 202, 204, 266, 287, 338, 340, 352, 361, 365, 506, 507, 509, 513, 515, 535, 537, 617, 624, 628
- Kuhn, H.W., 414

- Labour cost linkage, 355
- Laffer, A.B., 123, 480
- Lafourcade, M., 362
- Lancaster, K., 70, 171, 181, 189, 206, 522, 544
- Lancaster-type preferences, 171, 181, 206, 522
- Lane, J., 93
- Large open economy, 6
- Leamer, E.E., 91, 93, 95, 208, 365
- Leontief, W.W., 33, 90, 91, 93, 120, 165, 476
- Leontief's paradox, 90, 120
 - explanations of, 91, 93
 - reconsidered, 95
- Lerner, A.P., 33, 65, 66, 128, 229, 234, 312, 441, 528, 530
- Lerner case in tariff theory, 128, 229, 528, 530
- Levchenko, A., 23
- Levinsohn, J.A., 91, 208
- Lindbeck, A., 133
- Linder, S.B., 169, 170, 206
- Lipsey, R.G., 271, 544
- Lloyd, P.J., 172, 174, 271, 455
- Location theory and trade, 338
 - in the new theories, 164, 406, 617
 - in the traditional theory, 338–340
- Long, N.V., 134, 165, 329, 332, 333
- Lösch, A., 338
- Ludema, R.D., 362

- Magee, S.P., 283, 285, 547, 549
- Magnification effect, 105, 106, 464, 558
- Mainwaring, L., 123
- Manasse, P., 365, 392
- Marginal Rate of Technical Substitution (MRTS), 34, 36, 311, 445, 452
- Marginal rate of transformation, 71, 430, 431, 580
 - and comparative cost, 17
 - defined, 37
- Market crowding, 346, 354
- Market forms and international trade, 162
- Markusen, J.R., 137, 142, 196, 202, 246, 487
- Marshall, A., 5, 30, 47–50, 53, 220, 441
- Marshall-Lerner condition, 441
- Martimort, D., 541
- Martin, J.P., 356, 361, 480

- Martin, L., 154, 500
 Marxsen, W.S., 93, 95
 Mas-Colell, A., 491, 585
 Maskus, K.E., 93, 94
 Mayer, T., 195, 209
 Mayer, W., 285
 McGuinness, A.J., 550
 McKenzie, L., 411
 McMillan, J., 239, 256
 Meade, J.E., 47, 54, 55, 264
 Melitz, M., 23, 198, 200
 Melvin, J.R., 487
 MERCOSUR, 274
 Messerlin, P.A., 284
 Metcalfe, J.S., 123
 Metzler, L.A., 128, 225, 228, 230, 528, 530
 Metzler case in tariff theory, 128, 225, 228, 528, 529
 Miles, M.A., 123, 480
 Mill, J.S., 5, 29, 47
 Minhas, B.S., 93
 Missing trade, 98
 Monopolistic competition and international trade, 159, 166, 168, 179, 181, 195, 196, 506, 618
 Moore, M.O., 287
 Morey, E.S., 220
 Mosak, J.L., 59, 438
 Most Favoured Nation (MFN) clause, 216, 277
 Motta, M., 522
 Multinational corporations (MNC), 141
 Multinational enterprises (MNE). *See* Multinational corporations (MNC)
 Multiple equilibria, 53, 55, 439
 Mundell, R.A., 116, 136, 487
 Murata, Y., 609
 Mystery of the missing trade, 98

 NAFTA, 273
 Natural oligopoly and international trade, 204, 516
 Natural resources, 92, 128
 Neary, J.P., 128, 129, 133, 139, 362, 365, 389, 455, 458, 480, 484, 541
 Negishi, T., 30, 56, 422, 424
 Neoclassical ambiguity, 113
 Neo-factor-proportions theories, 177
 Neo-Heckscher-Ohlin theories, 162, 177, 503
 Neoprotectionism, 277, 547
 Neo-Ricardian theories, 121
 Neutral
 growth, 301–304, 552
 technical progress, 311–315, 317, 319

 New Economic Geography (NEG), 340
 New theories of international trade, 159, 503
 classification of, 162
 and economic geography, 617
 and endogenous growth, 331, 581
 models of, 177
 precursors of, 165
 and strategic trade policy, 246–248, 333, 536, 541
 Nikaidô, H., 60, 456, 458
 Non-Tariff Barriers (NTB) to trade, 230, 239, 277
 Non-traded goods, 120, 128, 133, 330, 476, 480, 484, 534, 579
 definition of, 124
 Norman, V., 60, 139
 North-South models, 332, 333, 406
 Norton, D.A.G., 154
 Nunn, N., 23

 Offer curves, 47, 438
 elasticity of, 51, 439
 and elastic supply of factors, 124, 478
 and growth, 305
 and increasing returns to scale, 55
 and non-traded goods, 127, 481
 and optimum tariff, 254, 543
 and stability of international equilibrium, 49
 and tariffs, 226
 and transport cost, 115
 Offshoring, 145, 380
 immaterial, 382
 Ohlin, B., 5, 60, 61, 63, 69, 70, 72, 73, 76, 82, 84–86, 90, 92, 94, 103, 104, 118, 120, 122, 136, 139, 161, 169, 175, 177, 179, 187, 188, 204, 321, 330, 338, 339, 341, 416, 454–459, 476, 477, 487, 497, 504
 Olech, C., 578
 Oligopoly and intra-industry trade
 differentiated goods, 204, 206, 516, 522
 homogeneous goods, 202, 513
 Olson, M., 284
 Oniki, H., 330, 575
 Opportunity cost, 71
 and comparative cost, 17
 defined, 37
 Optimum tariff, 254, 263, 541, 543
 Organization of Petroleum Exporting Countries (OPEC) cartel, 235, 238
 Ottaviano, G.I.P., 196, 359, 389
 Outsourcing, 145

- Padoan, P.C., 124, 246
 Panagariya, A., 154, 272, 365, 500
 Parchet, R., 362
 Pareto, V., 22, 34, 151, 255, 264–266, 283, 544, 546
 Parrinello, S., 122, 123, 578
 Pasinetti, L.L., 123
 Pavcnik, M., 366
 Pearce, I.F., 312
 Periodic trade, 173
 Philpot, G., 94
 Pitt, M.A., 154
 Pollak, R.A., 389
 Pomery, J., 498
 Pomfret, R., 246, 247, 280
 Posner, M.V., 166
 Potential trade, 169
 Preferential trade cooperation, 265
 Preferential trading club or agreement, 265
 Producers' surplus, 220, 233, 269, 281, 290
 Product cycle, 167, 168, 332, 333, 581
 Product differentiation, definitions of, 162
 Production (or protective) effect of a tariff, 219, 224
 Production function
 CES, 453
 Cobb-Douglas, 453, 618
 homogeneous, properties of, 432
 intensive form of, 432
 net, 118, 473
 returns to scale, 432
 well-behaved, 33, 433
 with fixed technical coefficients, 11, 411, 476
 Production gain from trade, 58
 Production point, 56, 83, 106, 136, 137, 152, 223, 257, 259, 260, 262, 308, 324
 Production-possibility curve or frontier, 33
 Product quality and innovation, 586
 Propensity to consume, 551
 Protection
 administered, 285
 arguments for and against, 253
 contingent, 287
 demand for and supply of, 283
 effective rate of, 242, 532
 new theory of, 277
 non-economic motives for, 263
 non-tariff, 230
 political economy of, 282, 547
 and preferential trading cooperation, 265
 and second-best theory, 263
 strategic, 246, 333, 536, 541, 601, 603
 traditional theory of, 215, 527
 Protective (or production) effect of a tariff, 219, 224
 Pro-trade growth, 301–305, 552
 Prusa, T.J., 290
 Puga, D., 246, 355
 Qiu, L.D., 292
 Quality of products and intra-industry trade, 177, 204, 332, 503, 516, 582
 Quantity adjustment and stability of international equilibrium, 49, 441
 Quota, 231
 comparison with a tariff, 232
 comparison with a VER, 278
 Radiality, 433
 Radiant of tangency, 66
 Razawi, H., 239
 Razin, A., 498
 R&D activity, 166, 204, 299, 330–333, 579, 580, 584, 586, 589, 591, 593, 594, 601, 604
 Reaction curves and international trade, 203, 514
 Reciprocal demand curves, 47
 Reciprocal dumping, 204, 515
 Reciprocity relations, 465
 Redding, S., 201, 209, 362, 365, 398
 Redistributive effect of a tariff, 219
 Re-export trade, 173
 Regulations and international trade, 242
 Regulatory protectionism, 242
 Resource displacement cost of tariffs, 221
 Revenue function, 447
 Ricardian model with continuum of goods
 demand, 416
 specialization, 418
 supply, 415
 terms of trade, 418
 trade policy, 419
 Ricardo, D., 5, 11, 60, 110, 122, 161, 175, 422, 426
 Ricardo point, 22
 Ricardo-Torrens theory, 5, 11
 Ricardo-Viner model, 110
 Riedel, J., 120
 Risk coefficient, 425
 Robert-Nicoud, F., 359, 362
 Robson, P., 269, 272
 Rogers, C.A., 356, 361
 Romalis, J., 209
 Romer, P.M., 163, 329

- Rossi-Hansberg, E., 365, 382
 Ruffin, R.J., 139, 489
 Rybczynski, T.M., 60, 103, 105, 106, 108, 112,
 122, 124, 137, 139, 309, 315, 322,
 323, 325, 464, 472, 488, 490, 492,
 498, 558, 560
 line, 137, 322, 325
 theorem, 105, 112, 122, 124, 137, 139, 323,
 464, 472, 488, 490, 492, 498, 558,
 560
- Safeguard actions, 294
 Sala-i-Martin, X., 163, 329
 Salter, W.E.G., 128
 Samuelson, P.A., 22, 30, 33, 60, 63, 74, 77,
 103–105, 110, 112, 113, 115, 118,
 122, 123, 136, 138, 139, 223, 225,
 226, 228, 229, 411, 413, 415, 422,
 458, 464, 470, 473, 480, 490, 493,
 498, 505, 528, 554
- Sanyal, K.K., 478
 Sarkar, A., 478
 Savosnick, K.M., 33, 35
 Schmidheiny, K., 362
 Schmitt, N., 291
 Schwartz, N.L., 582
 S-D-S preferences, 506
 Search and screening cost, 398
 Second best theory, 151, 253, 263, 544
 Segment of equalization, 75–77, 85
 Sgro, P.M., 60
 Shaked, A., 204, 205, 516, 518–521
 Sheikh, M.A., 153
 Shephard's lemma, 448
 Simos, E.O., 93
 Skill premium, 365, 366
 and economies of scale, 385
 and heterogeneous firms, 390
 and offshoring, 380
 and technical change, 367
 and trade integration, 365
- Small country or small open economy, defined,
 218, 223
 Small open economy, 6
 Smith, A., 12
 Smith, M.A.M., 123, 578
 Smuggling, 150, 498
 Snape, R.H., 128
 Social indifference curves, 57, 59, 83, 84, 151,
 223, 226, 228, 257, 261, 292, 307,
 488, 556
 introduced, 57
 and optimum tariff, 254
- Solow, R.M., 22, 163, 329, 411, 413
 Specialization
 complete, 18, 21, 76, 424, 463
 incomplete, 58, 72, 73, 75–77, 120, 303,
 326, 497, 575
- Specific factors model, 109
 and de-industrialization, 131, 132
 and Dutch disease, 129
 and factor price equalization, 112
 and migration, 139
 and Rybczynski theorem, 112
 and Stolper-Samuelson theorem, 113
- Specific tariff, 218, 541
 Spence, A.M., 180, 506
 Spencer, B., 248, 513, 537, 541
 Sraffa, P., 422
 Srinivasan, T.N., 307, 498, 500, 533, 578
 Standard International Trade Classification
 (SITC), 172
 Standardization, 167, 168
 State trading, 242
 Steedman, I., 122, 123
 Stern, R.M., 91, 93, 94
 Stiglitz, J.E., 180, 506, 507
 Stolper, W.F., 33, 60, 103–105, 112, 113, 122,
 123, 136, 138, 139, 223, 225, 226,
 228, 229, 464, 470, 480, 490, 493,
 498
- Stolper-Samuelson effect, 367, 375, 379,
 407
 defined, 367
 and Stolper-Samuelson theorem, 367
- Stolper-Samuelson relationship, 386
 Stolper-Samuelson theorem, 104, 113, 122,
 123, 136, 138, 139, 225, 228, 368,
 463, 464, 470, 480, 490, 493, 498
 generalized, 226, 229, 463
- Strategic trade policies, 246–248, 333, 536,
 538, 539, 541, 601, 603
- Structure of demand and Heckscher-Ohlin
 theorem, 63, 72, 83
- Sturm, D., 362
- Subsidies
 export, 239, 240, 281, 291
 import, 286
 to importables sector, 240, 282
 production, 240, 281, 291, 537
- Subsidy equivalent to a tariff, 219
- Sunk costs, 518
- Supermodularity, 398
- Suranovic, S.M., 287
- Sutton, J., 204, 205, 516, 518–521
- Sveinuskas, L., 93
- Svensson, L.E.O., 137, 139, 458, 490

- Tabuchi, T., 609
- Takacs, W.E., 232, 280
- Takayama, A., 30, 411–414
- Tanaka, K., 532
- Tariff
- ad valorem and specific, 218
 - comparison with quota, 232
 - comparison with subsidy, 257, 260, 261, 263, 282
 - costs of, 220
 - effective and nominal, 532
 - effects of, in general equilibrium, 223, 226, 527
 - effects of, in partial equilibrium, 218
 - endogenous determination of, 282, 547
 - in the new trade theories, 206, 246–248, 533–536, 541
 - nominal and effective, 243
 - prohibitive, 124, 136, 218, 256, 260, 268, 269, 284
 - in Ricardian model, 419
 - and shift of offer curve, 226
 - and smuggling, 498
- Tariff equivalent to a quota, 231
- Tariff on exports, 233
- Tariff rate, 218
- effective and nominal, 243, 245, 532
- Tariff revenue, 219, 220, 225, 226, 270
- disposal of, 229, 527
- Tariff war, 255
- Technical change
- skill biased, 372
- Technical progress, 129, 299, 311, 484, 563
- biased, 311, 315, 319, 563, 567–569
 - definitions of, 299, 310–312, 563
 - effects on domestic relative price of goods, 315
 - effects on factor intensities, 314, 316, 319, 564
 - effects on factor rewards, 567
 - effects on output levels, 312, 316, 567
 - effects on terms of trade, 315, 317, 319, 569
 - endogenous, 163, 299, 329, 330, 332, 579, 589
 - factor augmenting, 563
 - neutral, 311–315, 563
- Technology and trade, 367
- in the new theories, 165, 166, 168, 207, 330, 333, 579, 586
 - in the traditional theory, 5, 11, 33, 45, 61, 150, 418, 455
- Technology gaps and trade, 166
- Terms of trade, 50, 55, 56, 76, 116, 125, 128, 135, 138, 223, 228, 229, 254, 260, 292, 300, 305, 307, 310, 315, 317, 319, 325, 330, 437, 481, 489, 529, 544, 554, 559, 561, 563, 569, 579
- definition of, 12, 48
 - determination of, 29, 44, 45, 49, 72, 418, 422, 438
 - and stability of international equilibrium, 44
- Tharakan, J., 389
- Tharakan, P.K.M., 172
- Thisse, J.-F., 291, 609
- Tied aid, 241
- Torrens, R., 5, 11
- Trade balance equilibrium, 18, 46, 225
- Trade creation, 267–269
- Trade diversion, 267, 268, 270
- Trade in factors, 134, 148
- Transfer of capital, 560
- Transformation curve
- derivation of, from box diagram, 35
 - formally derived, 429
 - linear, 17
- Transport cost, 114, 153, 362, 472, 511, 514, 515, 618
- and core-periphery pattern, 627, 628
 - as a determinant of international trade, 117, 161, 173
 - iceberg type, 115, 511, 513
 - prohibitive, 117, 124, 339, 406
- Travis, W.P., 95
- Trefler, D., 98
- Trionfetti, F., 195, 209, 359, 361, 362, 609
- Tsang, H., 94
- Turrini, A., 365, 392
- Two-way trade, 161
- Ultra-anti-trade growth, 301–305, 552
- Ultra-pro-trade growth, 301–304, 308, 552
- Uncertainty in international trade, 148, 495
- generalized, 150, 495
 - scalar, 150
- Unel, B., 365
- Unilateral transfer, 307, 560
- Ursprung, H.W., 280
- Uzawa, H., 330, 433, 575
- Value added and tariffs, 242, 532
- Vanek, J., 80, 92, 118, 457
- van Wijnbergen, S., 134
- van Ypersele, T., 359

- Variable coefficients of production, 443
 Varian, H.R., 60, 506, 540
 Variety hypothesis and trade, 171
 Venables, A.J., 139, 202, 246, 352, 365, 535–537, 617, 624, 628
 Vernon, R., 167, 168, 332
 Vertical differentiation, 162
 Viner, J., 11, 28, 30, 33, 43, 110, 266, 438
 Vogel, J., 365, 370, 375
 Voluntary Export Restraints (VER), 240
 Voluntary Import Expansion (VIE), 240, 280
 Vona, S., 173
 von Stackelberg, H., 540
 von Thünen, J.H., 115
 Vori, S., 171
- Wage elasticity of labour demand, 485
 Wage inequality, 365
 Walras, L., 42–45, 305, 306, 437
 Walras' law, 42, 43, 45, 46, 301, 305, 306, 437
 Wan, H.Y. Jr., 321
 Weinstein, D.E., 99, 208–210, 362
 Welfare and international trade, 256
- Wellisz, S., 285
 Whitin, T.M., 411
 Williams, J.R., 93
 Williamson, G. J., 372
 Wilson, C., 422
 Winters, L.A., 272
 Wong, K.-Y., 139, 329, 332, 333, 489, 490, 494
 Wonnacott, R.J., 266
 Wood, A., 94
 Woodland, A.D., 60, 458
 Wooton, I., 362
 World Trade Organization (WTO), 216
 World transformation curve, 21, 24
- Xiang, C., 209
- Yabuuchi, S., 532
 Yeaple, S.R., 365, 394
 Yeung, P., 94
 Yntema, T.O., 59
 Yoo, J.-H., 245
 Young, L., 285