

**UNIVERSIDADE FEDERAL DE SANTA CATARINA
CENTRO SOCIOECONÔMICO
PROGRAMA DE PÓS-GRADUAÇÃO EM ECONOMIA**

**DISCIPLINA: INSTITUIÇÕES, INOVAÇÕES, DESENVOLVIMENTO E
COMPLEXIDADE ECONÔMICA**

**CÓDIGO: CNM 4122
CNM 5124**

CARGA HORÁRIA: 60h - CRÉDITOS: 04

OBJETIVO

A disciplina tem como objetivo apresentar as principais discussões teóricas sobre economia, metodologia, instituições, tecnologia e complexidade, incluindo a análise teórica e empírica de temas como mudança institucional e tecnológica, bem-estar, pobreza e desigualdade.

EMENTA

Economia e heterogeneidade de métodos. Economia e complexidade. As diferentes vertentes do pensamento institucional (Antigo Institucionalismo e a Nova Economia Institucional). Inovações e desenvolvimento. Mudança estrutural e complexidade econômica. Complexidade econômica e mudança tecnológica e institucional. Instituições, desigualdade, pobreza e complexidade.

BIBLIOGRAFIA BÁSICA

OBS: Podem ser acrescentadas e/ou excluídas referências bibliográficas, conforme a necessidade.

ACEMOGLU, D., NAIDU, S., & Restrepo, P. & Robinson, J. (2013). Democracy, Redistribution and Inequality. NBER Working Papers n.19746.

ANAND, S.; SEN, Amartya. Concepts of Human Development and Poverty: a multidimensional Perspective. New York, UNPD, 1997.

ANTONELLI, C. The evolution of the industrial organisation of the production of knowledge. Cambridge journal of economics, Oxford University Press, v. 23, n. 2, p. 243{260, 1999.

ARTHUR, W. B. Increasing returns and path dependence in the economy. [S.l.]: University of michigan Press, 1994.

ARTHUR, W. B. The nature of technology: What it is and how it evolves. [S.l.]: Simon and Schuster, 2009.

ARTHUR, W. B. Complexity economics: A different framework for economic thought. SFI WORKING PAPER: 2013-04-012, 2013.

ATINKSON, A. B.(2015).Desigualdade. O que pode ser feito? Cap. 1 e 2.

BARAB ASI, A. L. Scale-free networks: a decade and beyond. *Science*, American Association for the Advancement of Science, v. 325, n. 5939, p. 412-413, 2009.

BAUMOL, W. J. Services as leaders and the leader of the services. J. Gadrey and F. Gallouj, *Productivity, Innovation and Knowledge in Services: New Economic & Socio-Economic Approaches*, Edward Elgar, Cheltenham, UK, p. 147-163, 2002.

BEINHOCKER, Eric D. 2007. *The Origin of Wealth: The Radical Remaking of Economics and What it Means for Business and Society*. Harvard Business School Press.

BIANCHI, Ana Maria (2010). Reflexões sobre o Passado e Especulações sobre o Futuro da Metodologia Econômica. *Revista EconomiA*, 11(4): 01-13.

CAINELLI, G.; EVANGELISTA, R.; SAVONA, Maria. Innovation and economic performance in services: a firm-level analysis. *Cambridge Journal of Economics*, v. 30, n. 3, p. 435-458, 2006.

CASTELLACCI, Fulvio. A critical realist interpretation of evolutionary growth theorising. *Cambridge Journal of Economics*, v. 30, n. 6, p. 861-880, 2006.

CASTELLACCI, Fulvio. Technological paradigms, regimes and trajectories: Manufacturing and service industries in a new taxonomy of sectoral patterns of innovation. *Research Policy*, v. 37, n. 6, p. 978-994, 2008.

CEPAL (2010). *A hora da igualdade: brechas por fechar, caminhos por abrir*. (LC/G.2432(SES.33/3) Santiago, Chile.

CEPAL (2018). *A ineficiência da desigualdade. Síntese* (LC/SES.37/4) Santiago, Chile

CHANG, Há-Joon (2011) *Institutions and economic development: theory, policy and history*. *Journal of Institutional Economics*, 7(4): 473-498.

COMMONS, John (2003). *Economía Institucional*. *Revista de Economía Institucional*, 5(8): 191-201.

CURADO, Marcelo; FERNANDEZ, Virgina (2018). *Igualdade, Justiça e Crescimento no Brasil*. CEPAL VALOR. MC.VF.

DASGUPTA, Sukti; SINGH, Ajit. Manufacturing, services and premature deindustrialization in developing countries: A Kaldorian analysis. In: *Advancing Development*. Palgrave Macmillan UK, 2007. p. 435-454.

DAVIS, John B. (2007). *The return in recent economics and return of orthodoxy*. *Cambridge Journal of Economics*, 32, 349-366.

DAVIS, John. (2017). *Agent-Based Modeling's Open Methodology Approach: Simulation, Reflexivity, and Abduction*. In: INEM, 2017.

DOSI, Giovanni; PAVITT, Keith; SOETE, Luc. *The economics of technical change and international trade*. Harvester Wheatsheaf, 1990.

DI MEGLIO, G. et al *Services in Developing Economies: A New Chance for Catching-Up?* SWPS 2015-32. Available at SSRN: <https://ssrn.com/abstract=2744647> or <http://dx.doi.org/10.2139/ssrn.2744647>, 2015.

DIAO, X.; MCMILLAN, M.; RODRIK, D. *The recent growth boom in developing economies: A structural change perspective*. [S.l.], 2017.

DOSI, G. Sources, procedures, and microeconomic effects of innovation. *Journal of economic literature*, JSTOR, p. 1120-1171, 1988.

DOSI, G.; PAVITT, K.; SOETE, L. *La economía del cambio técnico y el comercio internacional*. México: Consejo Nacional de Ciencia y Tecnología, 1993.

FARMER, J. Doyne. Economics needs to treat the economy as a complex system. In: *Paper for the INET Conference 'Rethinking Economics and Politics*. 2012.

FREEMAN, Chris. *The 'National System of Innovation' in historical perspective*. *Cambridge Journal of Economics*, v. 19, n. 1, p. 5-24, 1995.

FURTADO, Bernardo; SAKOWSKI, Patrícia; TOVOLI, Marina (2015) *Modelagem de sistemas complexos para políticas públicas*. Brasília: IPEA.

HARTMANN, D. *Economic Complexity and Human Development. How Economic Diversification and Social Networks Affect Human Agency and Welfare*. [S.l.]: Routledge

Studies in Development Economics, Routledge: New York, 2014.

HARTMANN, Domink; GUEVARA, Miguel; FIGUEROA, Cristian; ARISTARAN, Manuel; HAUSMANN, Ricardo et al. The Atlas of Economic Complexity: Mapping paths to Prosperity. Boston: Harvard Center for International Development, 2011. Disponível em: <<http://atlas.cid.harvard.edu/book/>>. Acesso em: 10 jan. 2017.

HAUSMANN, Ricardo; KLINGER, Bailey. The structure of the product space and the evolution of comparative advantage. Center for International Development at Harvard University, 2007.

HAUSMANN, R.; HWANG, J.; RODRIK, D. What you export matters. Journal of economic growth, Springer, v. 12, n. 1, p.1{25, 2007.

HAUSMANN, R.; RODRIK, D. Economic development as self-discovery. Journal of development Economics, Elsevier, v. 72, n. 2, p. 603{633, 2003

HIDALGO, Cesar (2017) Linking Economic Complexity, Institutions, and Income Inequality. World Development, vol. 93, p. 75-93.

HIDALGO, C. A; HAUSMANN, R. The building blocks of economic complexity. Proceedings of the National Academy of Sciences of the United States of America, 106: 10570 – 5, 2009.

HDR (1997). Poverty in the human development perspective: concept and measurement. Cap. 1.

HDR (2010). Innovations in measuring inequality and poverty. Cap. 5.

HIDALGO, César A. et al. The product space conditions the development of nations. Science, v. 317, n. 5837, p. 482-487, 2007.

HIDALGO, Cesar et al. The atlas of economic complexity: Mapping paths to prosperity. Mit Press, 2014.

HODGSON, Geoffrey (2006). What are Institutions? Journal of Economic Issues, Vol. XL, n. 01, p. 1-25.

HODGSON, Geoffrey (2007). The Revival of Veblenian Institutional Economics, Vo. XLI, n. 02, p. 325-340.

KIRMAN, Alan; GALLEGATI, Mauro (2012). Reconstructing economics: agent- based models and complexity. Complexity Economics, 1, p. 5-31, 2012.

LE GRAND, J. (1991). Equity and choice: an essay in economics and applied philosophy. London: Harper & Collins.

LUPERI, Mauricio Martinelli (2007). The impacts of the early 20th century physics and mathematics crisis on contemporary economics discourse. Brazilian Journal of Political Economy, vol. 37, n. 4 (149): 734-754.

MYRDAL, Gunnar (1960). Teoria Econômica e regiões subdesenvolvidas. Rio de Janeiro: Textos de Economia Contemporânea.

MONASTERIO, Leonardo (1998). Guia para Veblen. Um estudo acerca da Economia Evolucionária. Editora UFPel.

NELSON, R.; SAMPAT, B. Las instituciones como factor que regula el desempeño económico. Revista de Economía Institucional, v. 2, n. 5, p.17-51, 2001.

NELSON, Richard R. (Ed.). National innovation systems: a comparative analysis. Oxford university press, 1993.

NELSON, Richard R.; WINTER, Sidney G. The Schumpeterian tradeoff revisited. The American Economic Review, v. 72, n. 1, p. 114-132, 1982.

NORTH, Douglass C. Economic performance through time. American Economic Review 84:3, 359–68, 1994.

NORTH, Douglass C. Transaction Costs, Institutions, and Economic Performance (Occasional Papers (International Center for Economic Growth)). San Francisco, 1992.

NUBLER, I. A theory of capabilities for productive transformation: Learning to catch up. Transforming Economies: Making industrial policy work for growth, jobs and development. United Nations (UNCTAD) and International Labour Organization, 2014.

OULTON, N. Must the growth rate decline? baumol's unbalanced growth revisited. Oxford Economic Papers, Oxford University Press, v. 53, n. 4, p. 605{627, 2001.

PEREZ, C. Technological revolutions and techno-economic paradigms. Cambridge journal of economics, Oxford University Press, v. 34, n. 1, p. 185{202, 2010.

PEREZ, Carlota. Technological Revolutions and Financial Capital: the dynamics of bubbles and golden ages. Cheltenham (UK): Edward Elgar, 2002.

PEREZ, Carlota. El cambio tecnológico y las oportunidades de desarrollo como blancomóvil. Revista de la CEPAL, No. 75, Diciembre, pp. 115-136, 2001.

RODRIK, D. Unconditional convergence in manufacturing. The Quarterly Journal of Economics, MIT Press, v. 128, n. 1, p. 165{204, 2012.

RODRIK, D. Structural change, fundamentals, and growth: an overview. Institute for Advanced Study, 2013.

RODRIK, D. The past, present, and future of economic growth. Challenge, Taylor & Francis, v. 57, n. 3, p. 5{39, 2014.

RODRIK, D. Back to fundamentals in emerging markets. Project Syndicate, v. 13, p. 2015, 2015.

RODRIK, D. An african growth miracle? Journal of African Economies, Oxford University Press, v. 27, n. 1, p. 10{27, 2016.

RODRIK, D. Premature deindustrialization. Journal of Economic Growth, Springer, v. 21, n. 1, p. 1{33, 2016.

SEN, Amartya & WILLIAMS, Bernard (1983). "Introduction: Utilitarianism and Beyond", in SEN, Amartya & WILLIAMS Bernard (Eds.) (1983) Utilitarianism and beyond. London, New York, New Rochelle, Melbourne, Sidney: Cambridge University Press.

SEN, Amartya (1999). Pobreza e fomes: um ensaio sobre direitos e privações. Lisboa: Terramar, Cap. 2 e 3.

SEN, Amartya (2004) EconomicMethodology: heterogeneityandrelevence. Social Research, 71(3): 583-614.

SIMON, Hebert (1962). The Architecture of Complexity. Proceedings to the American Philosophical Society, 106(6): 467-482.

STOJKOSKI, V.; UTKOVSKI, Z.; KOCAREV, L. The impact of services on economic complexity: service sophistication as route for economic growth. PloS one, Public Library of Science, v. 11, n. 8, 2016.

TREGENNA, F. Deindustrialisation, structural change and sustainable economic growth. UNU-MERIT, 2015.

VEBLEN, Thorstein (1998). Whyiseconomicsnotna Evolutionary Science? Cambridge JournalofEconomics, 22, 403-414.

VEBLEN, Thorstein (2007) O instinto para o artesanato e a aversão ao trabalho em geral. OIKOS. Revista de Economia Heterodoxa, n. 8, ano VI, p. 181-204.

Outros:

NETLOGO: <https://ccl.northwestern.edu/netlogo/>

Robert Axtell (vídeo) "Self-Organization, SpontaneousOrderandEmergent Governance" https://www.youtube.com/watch?v=7TXRB9SQ_q0

Stephen Wolfram (vídeo). Celular Automata.A New Kindof Science http://www.youtube.com/watch?v=_eC14GonZnU

"Evolving Wind Turbine Blades" (vídeo): <https://www.youtube.com/watch?v=YZUNRmwoijw>

<https://atlas.media.mit.edu/en/>

<http://atlas.cid.harvard.edu/>

<http://www.carlotaperez.org/>

<https://drodrik.scholar.harvard.edu/>