Bibliografia

AGUIRRE, L. A. The historical development of texts for teaching classical control of linear systems. *Annual Reviews in Control*, v. 39, p. 1–11, 2015.

AGUIRRE, L. A. *Introdução à Identificação de Sistemas: Técnicas Lineares e Não Lineares Aplicadas a Sistemas: Teoria e Aplicação*. Belo Horizonte: Editora da UFMG, 2015.

APOSTOL, T. *Calculus*. NY: John Wiley, 1969.

ARNOLD, V. *Ordinary Differential Equations*. Cambridge, MA: The M.I.T. Press, 1973.

ASTROM, J.; WITTENMARK, B. *Computer Controlled Systems: Theory and Design*. Hoboken: Prentice Hall, 1984.

ASTROM, K.; WITTENMARK, B. *Adaptive Control*. 2nd. ed. Hoboken: Addison Wesley, 1995.

BALAKRISHNAN, A. *Applied Functional Analysis*. NY: Springer Verlag, 1981.

BARNETT, S. *Matrices: Methods and Applications*. RU: Oxford University Press, 1990.

BASAR, T. *Control Theory: Twenty-Five Seminal Papers*. New York: IEEE Press, 2001.

BAZARAA, M.; SHERALI, H.; SHETTY, C. *Nonlinear Programming: Theory and Applications*. Hoboken: John Wiley, 1979.

BELLMAN, R. *Dynamic Programming*. Princeton: Princeton University Press, 1957.

BELLMAN, R. *Introduction to Matrix Analysis*. Bombain: Tata McGraw Hill, 1974.

BENNETT, S. *A History of Control Engineering: 1800-1930*. Stevenage: Peter Peregrinus, 1979.

BENNETT, S. *A History of Control Engineering: 1930-1955*. UK: Peter Peregrinus, 1993.

BERNSTEIN, D. S. *Matrix Mathematics*. 2nd. ed. Princeton: Princeton University Press, 2009.

BLISS, G. *Lectures on the Calculus of Variations*. Chicago: University of Chicago Press, 1980.

BLUM, E. *Numerical Analysis and Computation: Theory and Practice*. NY: Addison-Wesley, 1972.

BOYD, S.; VANDENBERGHE, L. *Convex Optimization*. UK: Cambridge University Press, 3004.

BROWN, J.; CHURCHILL, R. *Complex Variables and Applications*. 9th. ed. NY: McGraw Hill, 2013.

BRYSON, A.; HO, Y. *Applied Optimal Control*. USA: Princeton University Press, 1975.

CADZOW, J.; MARTENS, H. *Discrete-Time and Computer Control Systems*. [S.l.]: Prentice Hall, 1970.

CASTRUCCI, P. B. L.; CURTI, R. *Sistemas Não-Lineares*. SP: Edgard Blücher, 1981.

CHAPELLAT, H.; MANSUR, M.; BHATTACHARYYA, S. Elementary proofs of some classical stability criteria. *IEEE Trans. Automatic Control*, v. 33, p. 232–239, 1990.

CHARNIAK, E.; MCDERMOTT, D. *Artificial Intelligence*. Illinois: Addison Wesley, 1985.

CHEN, C. *Introduction to Linear Systems Theory*. Austin: Holt, Rinehart and Winston, 1970.

COELHO, A.; COELHO, L. *Identificação de sistemas dinâmicos lineares*. Florianópolis: EDUFSC, 2016.

CRUZ, J. *Controle Robusto Multivariável*. São Paulo: EDUSP, 1996.

DESOER, C. *Basic Circuit Theory*. Irvine: McGraw Hill, 1969.

DOETSCH. *Introduction to the Theory and Application of the Laplace Transform*. Berlin: Springer Verlag, 1974.

DORF, R.; BISHOP, R. *Modern Control Systems*. 7th. ed. Illinois: Addison Wesley, 1995.

DOYLE, J. Guaranteed margins for lqg regulators. *IEEE Trans. Automatic Control*, v. 23, n. 4, p. 756–757, 1978.

DURRETT, R. *Probability: Theory and Examples*. 5th. ed. Cambridge: Cambridge University Press, 2019.

EYKOFF, P. *System Identification, Parameter and State Estimation*. Hoboken: John Wiley, 1974.

FILIPPOV, A. Differential equations with discontinuous right-hand sides. *Am. Math. Soc. Trans.*, v. 62, p. 199–230, 1964.

FLETCHER, R. *Practical Methods of Optimization*. Hoboken: John Wiley, 1986. v. 1 and 2.

FLIESS, M. et al. Flatness and defect of non-linear systems: introductory theory and examples. *Int. J. of Control*, v. 61, n. 6, p. 1327–1361, 1995.

FRANKLIN, G.; POWELL, J.; EMAMI-NAEINI, A. *Feedback Control of Dynamic Systems*. Illinois: Addison Wesley, 1986.

FRANKLIN, G.; POWELL, J.; WORKMAN, M. *Digital Control of Dynamic Systems*. Illinois: Addison-Wesley, 1990.

GEROMEL, J. C.; KOROGUI, R. H. *Controle Linear de Sistemas Dinâmicos*. 2. ed. São Paulo: Editora Blücher, 2019.

GIBSON, J. *Nonlinear Automatic Control*. NY: McGraw Hill, 1963.

GNEDENKO, B. V.; KHINCHIN, A. Y. *An Elementary Introduction to the Theory of Probability*. Mineola, NY: Dover, 2013.

GOLDSTEIN, H. *Classical Mechanics*. Illinois: Addison Wesley, 1980.

GOODWIN, G.; PAYNE, R. *Dynamic System Identification: Experiment Design and Data Analysis*. NY: Academic Press, 2012.

HADDAD, O.; SOLGI, M.; LOAICIGA, H. *Meta-heuristic and Evolutionary Algorithms for Engineering Optimization*. Hoboken: Wiley, 2017.

HAYKIN, S. *Neural Networks: A Comprehensive Foundation*. NY: IEEE Press, 1994.

HEMERLY, E. M. *Controle Por Computador de Sistemas Dinâmicos*. SP: Edgard Blücher, 1996.

HESPANHA, J. *Linear Systems Theory*. Princeton: Princeton University Press, 2009.

HIMMELBLAU, D. *Applied Nonlinear Programming*. NY: McGraw Hill, 1972.

INCOSE. *Systems Engineering Handbook: A Guide for System Life Cycle Processes and Activities*. 4th. ed. Hoboken: Wiley, 2015.

IOANNOU, P.; SUN, J. *Robust Adaptive Control*. Hoboken: Prentice Hall, 1996.

ISIDORI, A. *Nonlinear Control Systems: An Introduction*. NY: Springer Verlag, 1985.

IZMAILOV, A.; SOLODOV, M. *Otimização: Volumes 1 e 2*. Rio de Janeiro: IMPA, 2005.

KAILATH, T. *Linear Systems*. Englewood Cliffs: Prentice Hall, 1980.

KALMAN, R.; FALB, P.; ARBIB, M. *Topics in Mathematical System Theory*. NY: McGraw Hill, 1969.

KARLIN, S. *Mathematical Methods and Theory in Games, Programming and Economics*. Illinois: Addison Wesley, 1959.

KHALIL, H. *Nonlinear Systems*. Vancouver: McMillan, 1992.

KHARITONOV, V. Asymptotic stability of an equilibrium position of a family of systems of linear differential equations. *Differential'nye Uravneniya*, v. 14, p. 1483–1485, 1978.

KNIGHT, K.; RICH., E. *Artificial Intelligence*. NY: McGraw Hill, 2010.

KOSSIAKOFF, A. et al. *Systems Engineering: Principles and Practice*. 3 rd. ed. Hoboken: Wiley, 2020.

KREYSZIG, E. *Introductory Functional Analysis with Applications*. Hoboken: John Wiley, 1978.

KUO, B. *Digital Control Systems*. Austin: Holt, Rinehart and Winston, 1980.

LANDAU, Y. *Adaptive Control: The Model Reference Approach*. Mountain View - CA: Marcel Dekker, 1979.

LATHI, B. *Linear Systems and Signals*. CA: Berkeley Publishing, 1992.

LEHTOMAKI, N. *Practical robustness measures in multivariable control system analysis*. MIT: MIT Press, 1981.

LJUNG, L. *System Identification: Theory for the User*. 2nd. ed. NY: Pearson, 1998.

LJUNG, L.; SÖDERSTROM, T. *Theory and Practice of Recursive Identification*. MIT: The M.I.T. Press, 1984.

LUENBERGER, D. *Introduction to Linear and Nonlinear Programming*. Illinois: Addison-Wesley, 1973.

LUENBERGER, D. *Introduction to Dynamic Systems: Theory, Models and Applications*. Hoboken: John Wiley, 1979.

LUENBERGER, D. *Optimization by Vector Space Methods*. 3rd. ed. NY: Springer, 2010.

LYAPUNOV, A. *The General Problem of the Stability of Motion*. Abingdon - OX: Taylor and Francis, 1992.

MACIEJOWSKI, J. *Multivariable Feedback Design*. Illinois: Addison Wesley, 1989.

MASON, S. Feedback theory - further properties of signal flow graphs. *Proceedings of the IRE*, v. 44, p. 920–926–11, 1956.

MAYR, O. *The Origins of Feedback Control*. MIT: The M.I.T. Press, 1970.

MICHEL, A. Stability: The common thread in the evolution of feedback control. *IEEE Control Systems Magazine*, v. 16, p. 50–60, 1996.

MIRA, C. *Cours de Sistèmes Asservis Non-Linéaires*. Paris: Dunod, 1969.

NARENDRA, K.; ANNASWAMY, A. *Stable Adaptive Systems*. Upper Saddle River: Prentice Hall, 1989.

NARENDRA, K.; TAYLOR, J. *Frequency Domain Criteria for Absolute Stability*. Cambridge - MA: Academic Press, 1973.

NASCIMENTO, C. L.; YONEYAMA, T. *Inteligência Artificial Em Controle e Automação*. SP: Edgard Blücher, 2000.

NETUSHIL, A. *Theory of Automatic Control*. Moscow: MIR Publishers, 1976.

NIJMEIJER, H.; SHAFT, A. V. D. *Nonlinear Dynamical Control Systems*. NY: Springer Verlag, 1990.

NILSSON, N. *Artificial Intelligence: A New Synthesis*. Los Altos, CA: Morgan Kaufmann, 1998.

OGATA, K. *Modern Control Engineering*. Upper Saddle River: Prentice Hall, 1970.

PAPOULIS, A. *Probability, Random Variables and Stochastic Processes*. Irvine: McGraw-Hill, 1984.

POLAK, E. *Computational Methods in Optimization: A Unified Approach*. Cambridge - MA: Academic Press, 1971.

RUSSEL, S.; NORVIG, P. *Artificial Intelligence: A Modern Approach*. Illinois: Prentice Hall, 1995.

SAASTRY, S. *Nonlinear Systems: Analysis, Stability, and Control*. New York: Springer, 1999.

SASTRY, S.; BODSON, M. *Adaptive Control: Stability, Convergence and Robustness*. Illinois: Prentice Hall, 1991.

SCHWARZ, R.; FRIEDLAND, B. *Linear Systems*. NY: McGraw Hill, 1965.

SHEA, G. *Nasa Sistems Engineering Handbook*. Rev.2. Washington: NASA, 2020.

SHINNERS, S. *Modern Control Systems Theory and Applications*. Upper Saddle River: Addison-Wesley, 1972.

SKOGESTAD, S.; POSTLETHWAITHE, J. *Multivariable Feedback Control*. Upper Saddle River: John Wiley, 1996.

SLOTINE, J.; LI, W. *Applied Nonlinear Control*. Illinois: Prentice Hall, 1991.

STRANG, G. *Linear Algebra and its Applications*. San Diego: Harcourt, Brace and Jovanovich, 1988.

SUGENO, M. An introductory survey of fuzzy control. *Information Sciences*, v. 36, p. 59–83, 1985.

THALER, G. *Automatic Control: Classical Linear Theory*. Stroudsburg, PA: Dowden Hutchinson and Ross, 1974.

VEGTE, J. Van de. *Feedback Control Systems*. Illinois: Prentice Hall, 1990.

VIDYASAGAR, M. *Control System Synthesis: A Factorization Approach*. MIT: The M.I.T. Press, 1985.

WELLSTEAD, P. *Introduction to Physical Systems Modelling*. Cambridge: Academic Press, 1979.

WINSTON, P. H. *Artificial Intelligence*. [S.l.]: Addison Wesley, 1992.

WITTE, R.; WITTE, J. *Statistics*. 11th. ed. Upper Saddle River: Wiley, 2017.

YEUNG, K.; WANG, S. A simple proof of kharitonov's theorem. *IEEE TAC*, AC-32, p. 822, 1987.

YOUNG, L. *Lectures on the Calculus of Variations and Optimal Control Theory*. Philadelphia: W.B. Saunders, 1969.

ZEMANIAN, A. *Distribution Theory and Transform Analysis*. NY: Dover, 1965.

ZHOU, K.; DOYLE, J.; GLOVER, K. *Robust and Optimal Control*. Illinois: Prentice Hall, 1995.

ZURADA, J. *Introduction to Artificial Neural Systems*. Opperman Drive - MN: West Publishing Co, 1992.