

**Disciplina: CONTROLE DE MÁQUINAS ELÉTRICAS**

CME	4 Créditos
<b>Ementa:</b>	Máquinas de Corrente Contínua. Modelagem; Motor de Indução; Modelagem; Controle Escalar; Controle Vetorial. Máquina Síncrona a Imã Permanente; Modelagem; Controle Vetorial. Aplicações de Acionadores Elétricos. Tópicos avançados em controle de máquinas elétricas.
<b>Bibliografia:</b>	NOVOTNY, D. W.; LIPO, T. A. Vector control and dynamics of AC drives. New York, NY: Oxford University Press, 1996. 440 p. (Monographs in electrical and electronic engineering; 41.). ISBN 9780198564393. KRAUSE, Paul C., WASYNCZUK, Oleg, SUFHOFF, Scott D., PEKAREK, Steven. Analysis of Electric Machinery and Drive Systems. 3rd ed. Piscataway, NJ: Willey-IEEE Press, 2013. 680 p. (IEEE Press series on power engineering) ISBN 978-1118024294. ONG, Chee-Mun. Dynamic simulation of electric machinery: using MATLAB/SIMULINK. Upper Saddle River: Prentice Hall PTR, 1998. xv, 626 p. ISBN 0137237855. SUL, Seung-Ki. Control of Electric Machine Drive Systems. Wiley-IEEE Press, 2011. 424 p. ISBN 978-0470590799. KRISHNAN, R. Permanent magnet synchronous and brushless DC motor drives. Boca Raton, Fl: CRC, 2010. 575 p. ISBN 9780824753849. LEONHARD, Werner. Control of electrical drives. 3rd ed. New York, NY: Springer, 2001. 460 p. (Power systems). ISBN 3540418202. MOHAN, Ned. Advanced electric drives: analysis, control, and modeling. Wiley, 2014. 208 p. ISBN 9781118485483. BOSE, Bimal K. Modern power electronics and AC drives. Upper Saddle River: Prentice-Hall, 2002. 711 p. ISBN 0130167436.