Engr 210a: Robust Control Analysis and Synthesis
Stanford University
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Sanjay Lall, 25 Sep 2001

References

Textbook

The required textbook for the course is

[1] G. Dullerud and F. Paganini. *A Course in Robust Control Theory : A Convex Approach*, Springer Verlag, 2000. ISBN: 0387989455

Recommended Reading Material

[2] S. Boyd and C. Barratt. *Linear Controller Design: Limits of Performance* Prentice-Hall, 1991. ISBN 0-13-538687-1. Available at Stephen Boyd's web site: `http://www.stanford.edu/~boyd`

[3] K. Zhou and J. C. Doyle. *Essentials of Robust Control*. Prentice Hall, 1997.

[4] K. Zhou, J. C. Doyle and K. Glover. *Robust and Optimal Control*. Prentice Hall, 1995.

[5] M. Green and D. Limebeer. *Linear Robust Control*. Prentice Hall, 1995.

[6] R. E. Skelton and T. Iwasaki and K. Grigoriadis. *A Unified Algebraic Approach to Linear Control Design*. Taylor and Francis, 1998.

[7] R. S. Sánchez-Peña and M. Sznaier. *Robust Systems Theory and Applications*. Wiley, 1998.

Additional References

Some other good background material can be found in

[8] D. G. Luenberger. *Optimization by Vector Space Methods*. Wiley, 1997. ISBN 047118117X.

[9] N. Young. *An Introduction to Hilbert Space*. Cambridge University Press, 1988.