

SUBJECT: - CONTROL SYSTEM ENGINEERING [EE-304-F]

NPTEL LINKS

Section	Topics	Link
A	Introduction to automatic control problem	http://nptel.ac.in/courses/108105062/11 http://nptel.ac.in/courses/108102043/1
	Basic Feedback Structure	http://nptel.ac.in/courses/108102043/2
	Different types of control system	http://nptel.ac.in/courses/108101037/3
	System Modelling, Analogy	http://nptel.ac.in/courses/108101037/7
	Automatic Control of DC Motor	http://nptel.ac.in/courses/108101037/11
	Signal-Flow Graph	http://nptel.ac.in/courses/108101037/14
	Mason's Gain Formula	http://nptel.ac.in/courses/108101037/15
B	Types of controller	http://nptel.ac.in/courses/112102011/2 http://nptel.ac.in/video.php?subjectId=108105062
	Time Domain Representation	http://nptel.ac.in/courses/108101037/46 http://nptel.ac.in/courses/108101037/20
	Laplace Transform Representation	http://nptel.ac.in/courses/108101037/18 http://nptel.ac.in/courses/108101037/22
	Proportional Control	http://nptel.ac.in/courses/108101037/12
	P-I-D Control	http://nptel.ac.in/courses/108105062/12
	Frequency Response	http://nptel.ac.in/courses/108101037/21
	Nichols' Chart	nptel.ac.in/courses/108101037/45 onlinevideolecture.com/index.php?course_id=363&lecture_no=45
C	Polar plot, Bode plot	nptel.ac.in/courses/108101037/41 nptel.ac.in/courses/108103008/18
	Routh's Criterion	nptel.ac.in/courses/101108056/23
	Nyquists Criterion	nptel.ac.in/courses/108103008/17 nptel.ac.in/courses/112104158/lecture14.pdf
D	Root Locus Method	nptel.ac.in/courses/108101037/30 nptel.ac.in/courses/108103008/14 nptel.ac.in/courses/112104158/lecture16.pdf nptel.ac.in/courses/112104158/lecture17.pdf
	Pulse Transfer Function	nptel.ac.in/courses/108103008/7
	Mathematical Modeling of Sampling Process	http://nptel.ac.in/courses/108103008/3
	Transient and steady state responses	http://nptel.ac.in/courses/108103008/12
	Root Locus Method	http://nptel.ac.in/courses/108103008/14
	Nyquists Criterion	http://nptel.ac.in/courses/108103008/17
	State Space Analysis	nptel.ac.in/courses/108103007/16 nptel.ac.in/courses/108103008/25