



## Book exams /Systems Engineering Laboratory 28.02.2006

Book	Contact persons	credits (ECTS)	
Franklin G.F, Powell J. D. & Abbas E. (1986). Feedback control of dynamic systems. Addison-Wesley.	SH, JH, UK	5	exam
Dorf R. C., Bishop R. H. (2000). Modern control systems, 9. ed. Prentice Hall.	SH, JH, UK	5	exam
Chiang L.H., Russell E.L.& Braatz R.D. (2001). Fault detection and diagnosis in industrial systems. ISBN 1-85233-327-8	JH	4.5	exam
Åström, K & Hägglund T. (1994). PID controllers: Theory, design and tuning. 2 <sup>nd</sup> edition. Instrument society of America. ISBN 1-55617-516-7.	JK	4.5	exam
Ikonen E. & Najim K. (2002). Advanced process identification and control. Marcel Dekker. ISBN: 0-8247-0648-X. (exam, 4 op, Ikonen)	EI	4	exam
Brown M. & Harris C. (1994). Neurofuzzy adaptive modelling and control (1994). Prentice Hall.	EI	4	exam
Landau I.D & Gianluca Z. (2006). Digital control systems. Springer-Verlag London Limited. 1 <sup>st</sup> edition.	JK	4.5	exam + exercises
Klefenz G. (1986). Automatic control of steam power plants. Druckerei Krembel, Speger, Germany.	JK	3.5	exam

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EI, Yliassistentti Enso Ikonen PR242 p. 553 2437 Enso.Ikonen@oulu.fi	JK, Yliassistentti Jenő Kovács PR245 p. 553 2432 Jeno.Kovacs@oulu.fi
SH, Assistentti Seppo Honkanen PR257 p. 553 2435 Seppo.Honkanen@oulu.fi	