



Automatic Control Systems (Eighth Edition)

By Benjamin C. Kuo, Farid Golnaraghi

Wiley India Pvt. Ltd., 2013. Softcover. Book Condition: New. 5th or later edition. 18 x 24 cm. This best-selling introduction to automatic control systems has been updated to reflect the increasing use of computer-aided learning and design, and revised to feature a more accessible approach without sacrificing depth. Contents:- Preface ? Introduction ? Mathematical Foundation ? Block Diagrams and Signal-Flow Graphs ? Modeling of Physical Systems ? State Variable Analysis ? Stability of Linear Control Systems ? Time-Domain Analysis of Control Systems ? Root-Locus Technique ? Frequency-Domain Analysis ? Design of Control Systems ? The Virtual Lab Index Appendix A Complex Variable Theory Appendix B Differential and Difference Equations Appendix C Elementary Matrix Theory and Algebra Appendix D Laplace Transform Table Appendix E Operational Amplifiers Appendix F Properties and Construction of the Root Loci Appendix G Frequency-Domain Plots Appendix H General Nyquist Criterion Appendix I Discrete-Data Control Systems Appendix J z-Transform Table Appendix K ACSYS 2002: Description of the Software Answers to Selected Problems Printed Pages: 628.



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