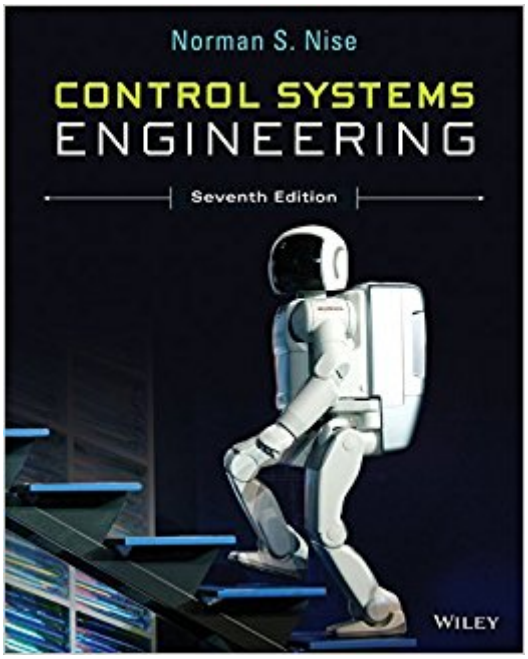
Control Systems Engineering



Synopsis

Control Systems Engineering, 7th Edition has become the top selling text for this course. It takes a practical approach, presenting clear and complete explanations. Real world examples demonstrate the analysis and design process, while helpful skill assessment exercises, numerous in-chapter examples, reviewÃ Â questions and problems reinforce key concepts. A new progressive problem, a solar energyÃ Â parabolic trough collector, is featured at the end of each chapter. This edition also includesÃ Â Hardware Interface Laboratory experiments for use on the MyDAQ platform from National Instruments. A tutorial for MyDAQ is included as Appendix D.

Book Information

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Customer Reviews

I had been using a controls engineering book from the 90’s written by one of the industries best authors. A coworker had this book (previous version) and I took a look at it. I found the Author’s writing style very easy to understand. I’m so glad I got this book. I’m making good progress now. The integration with matlab is very important. I find myself able to jump around in this book depending on what I need to know/do at the time without difficulty.If you’re working from a controls engineering text that 20yrs old as I was you’re missing out!

Used this as a textbook for my Automatic Control Systems class. It was a decent book, with lots of examples and review problems to help the material sink in. Good quality. It’s unlikely that many people will buy this book just to read it, without taking a class on the subject, but if you happen to be

one of those people, then this book will teach you some valuable things about control systems.

I ordered this as a supplement to my upper division mechanical feedback controls class and was very pleased. This book is very readable and after getting it was able to work through the first hundred or so pages with ease. Readability is the number one factor I look for in a text and I was pleased with this one. There were a few minor errors in some of the examples, which I was surprised to see given the that this book is in its 6th edition.Over all, great book, the best of three that I have used. Highly recommended

No complaints. good book.

This is a big deal for engineers. Some engineering books seem cryptic, this book is clear, has great worked examples and as a result was very helpful.

I bought this book for my first course in control systems. The author does a good job of explaining the concepts to a beginner, while also providing a significant level of depth in more advanced topics.For most engineers, this will be the only controls book that you need.

Just as good as the US version, at a fraction of the price. Warning: Pages are very thin for you highlighter happy students.

This is a very good book!1) It has many well worked examples2) Many questions/exercises3) Well explained concepts and diagramsI also love the loose leaf version. It’s much cheaper. I put it in ta 3 ring binder and the pages were very accessible.

Subliminal Thought Control and Neuro Linguistic Programming (NLP, Mind Control, Social Influence, ... Thought Control, Hypnosis, Communication) Wind Turbine Control Systems: Principles, Modelling and Gain Scheduling Design (Advances in Industrial Control) Sampling in Digital Signal Processing and Control (Systems & Control: Foundations & Applications) Real-time Monitoring and Operational Control of Drinking-Water Systems (Advances in Industrial Control) Modelling and Control of Dynamic Systems Using Gaussian Process Models (Advances in Industrial Control) Electrical Control of Fluid Power: Electric and Electronic Control of Hydraulic & Air Systems Spatial Control of Vibration: Theory and Experiments (Stability, Vibration and Control of Systems, Series A) Automotive Fuel and Emissions Control Systems (4th Edition) (Automotive Systems Books) Automation and Systems Issues in Air Traffic Control (Nato a S I Series Series III, Computer and Systems Sciences) Control Systems Engineering Electric Motors and Control Systems (Engineering Technologies & the Trades) Model Predictive Control of Wind Energy Conversion Systems (IEEE Press Series on Power Engineering) Reeds Vol 10: Instrumentation and Control Systems (Reeds Marine Engineering and Technology Series) Design of Feedback Control Systems (Oxford Series in Electrical and Computer Engineering)