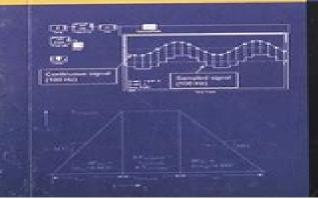


# Control System Design Guide

Using Your Computer to Understand and Diagnose Feedback Controllers



George Ellis



# **Control System Design Guide 4th Edition**

**Myer Kutz** 

#### **Control System Design Guide 4th Edition:**

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Control System Design Guide George H. Ellis,2004 Control System Design Guide 3E will help engineers to apply control theory to practical systems using their PC This book provides an intuitive approach to controls avoiding unnecessary mathematics and emphasizing key concepts with more than a dozen control system models Whether readers are just starting to use controllers or have years of experience this book will help them improve their machines and processes Teaches controls with an intuitive approach avoiding unnecessary mathematics Key topics are demonstrated with realistic models of control systems All models written in Visual ModelQ a full graphical simulation environment available freely via the internet New material on OBSERVERS explained using practical applications Explains how to model machines and processes including how to measure working equipment describes many nonlinear behaviours seen in industrial control systems Electronic motion control including details of how motors and motor feedback devices work causes and cures of mechanical

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