

Using Simulink® and Stateflow™ in Automotive Applications



Abstract

This book includes nine examples that represent typical design tasks of an automotive engineer. It shows how The MathWorks modeling and simulation tools, Simulink® and Stateflow™ facilitate the design of automotive control systems. Each example explains the principles of the physical situation, and presents the equations that represent the system. The examples show how to proceed from the physical equations to the Simulink block diagram. Once the Simulink model has been completed, we run the simulation, analyze the results, and draw conclusions from the study.

Using Simulink And Stateflow In Automotive Applications1 Part1

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Using Simulink And Stateflow In Automotive Applications1 Part1:

STATEFLOW for Applications in Automotive Industry , **Model-based Design of Automotive System Test Scenarios Integrated on HIL Using Simulink/Stateflow with CANoe User Interface** Dipansh Dahiya,2011

SIMULINK MathWorks, Inc,1996 An Investigation of Model-based Techniques for Automotive Electronic System Development Yue Guo,2009

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Using Simulink And Stateflow In Automotive Applications1 Part1 Introduction

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