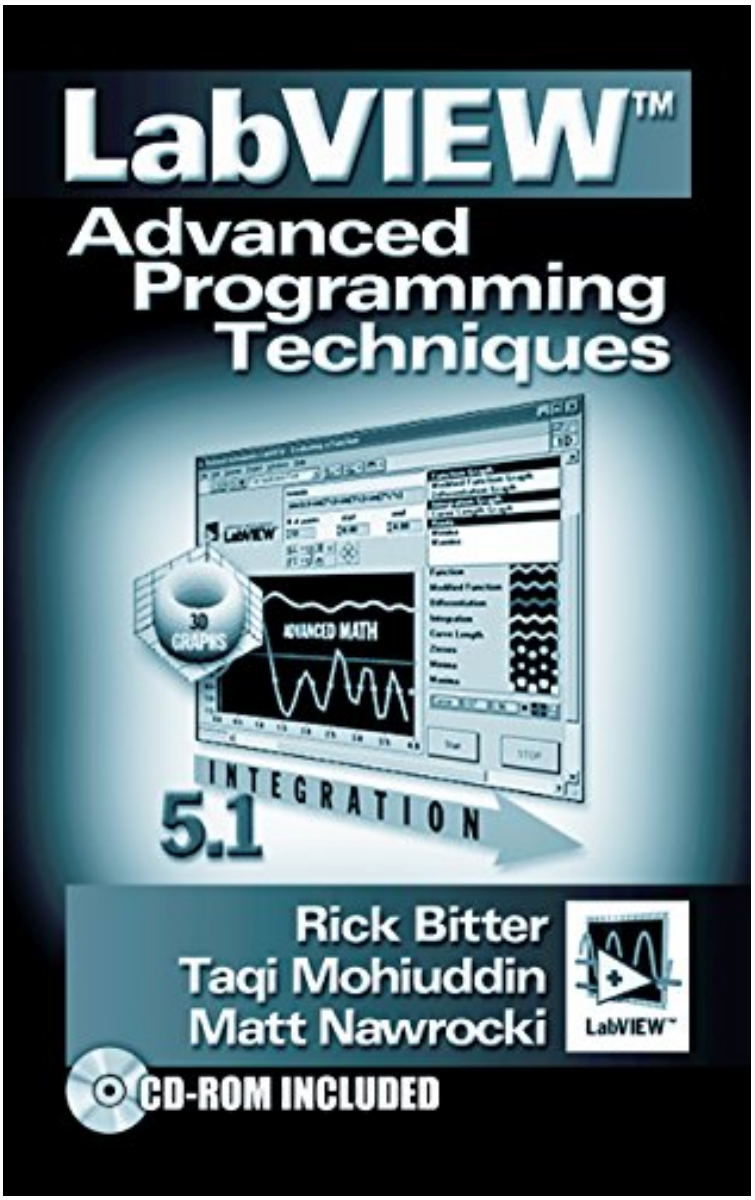
LabVIEW: Advanced Programming Techniques



Par Rick Bitter, Taqi Mohiuddin, Matt Nawrocki
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[Mobile book] LabVIEW: Advanced Programming Techniques

Par Rick Bitter, Taqi Mohiuddin, Matt Nawrocki : LabVIEW: Advanced Programming Techniques before purchasing it in order to gage whether or not it would be worth my time, and all praised LabVIEW: Advanced Programming Techniques:

Description :

Prsentation de l'diteurThe graphical nature of LabVIEW makes it ideal for test and measurement applications and its use brings significant improvements in productivity over conventional programming languages. However, comprehensive treatments of the more advanced topics have been scattered and difficult to find-until now.LabVIEW Advanced Programming Techniques offers in-depth coverage of the subjects that move you to the next level of programming-the level that allows full exploitation of

LabVIEW's power and utility. These topics include:Active X: Gain the background needed to use Active X in your LabVIEW applications.Object-Oriented Technologies: Get a clear description of object analysis and see examples of how it can apply to LabVIEW applications. Application structure: Discover a three-tiered architecture that results in robust, flexible, and easy to maintain code.State machines: Get extensive coverage of several types of state machines-arguably the most useful programming tool available.Exception handling: Learn how to detect, process, and resolve exceptions in your code.Instrument drivers: See the value drivers bring to code readability and maintenance -Learn the techniques for constructing reusable drivers.Multi-threading: Learn how to look at a LabVIEW code diagram to determine how many threads your application can use, then optimize the performance of the application.Prsentation de l'diteurThe graphical nature of LabVIEW makes it ideal for test and measurement applications and its use brings significant improvements in productivity over conventional programming languages. However, comprehensive treatments of the more advanced topics have been scattered and difficult to find-until now.LabVIEW Advanced Programming Techniques offers in-depth coverage of the subjects that move you to the next level of programming-the level that allows full exploitation of LabVIEW's power and utility. These topics include:Active X: Gain the background needed to use Active X in your LabVIEW applications.Object-Oriented Technologies: Get a clear description of object analysis and see examples of how it can apply to LabVIEW applications. Application structure: Discover a three-tiered architecture that results in robust, flexible, and easy to maintain code.State machines: Get extensive coverage of several types of state machines-arguably the most useful programming tool available.Exception handling: Learn how to detect, process, and resolve exceptions in your code.Instrument drivers: See the value drivers bring to code readability and maintenance -Learn the techniques for constructing reusable drivers.Multi-threading: Learn how to look at a LabVIEW code diagram to determine how many threads your application can use, then optimize the performance of the application.JA Majors Book InfoA text offering in-depth coverage of the test and measurement application software, LabVIEW, with discussion of such topics as object-oriented technologies and instrument drivers. The CD-ROM contains helpful materials for use with the text. System requirements: Windows 95+, 12MB hard disk space, 16 MB RAM, and 640x480 color monitor. DLC: Computer programming.