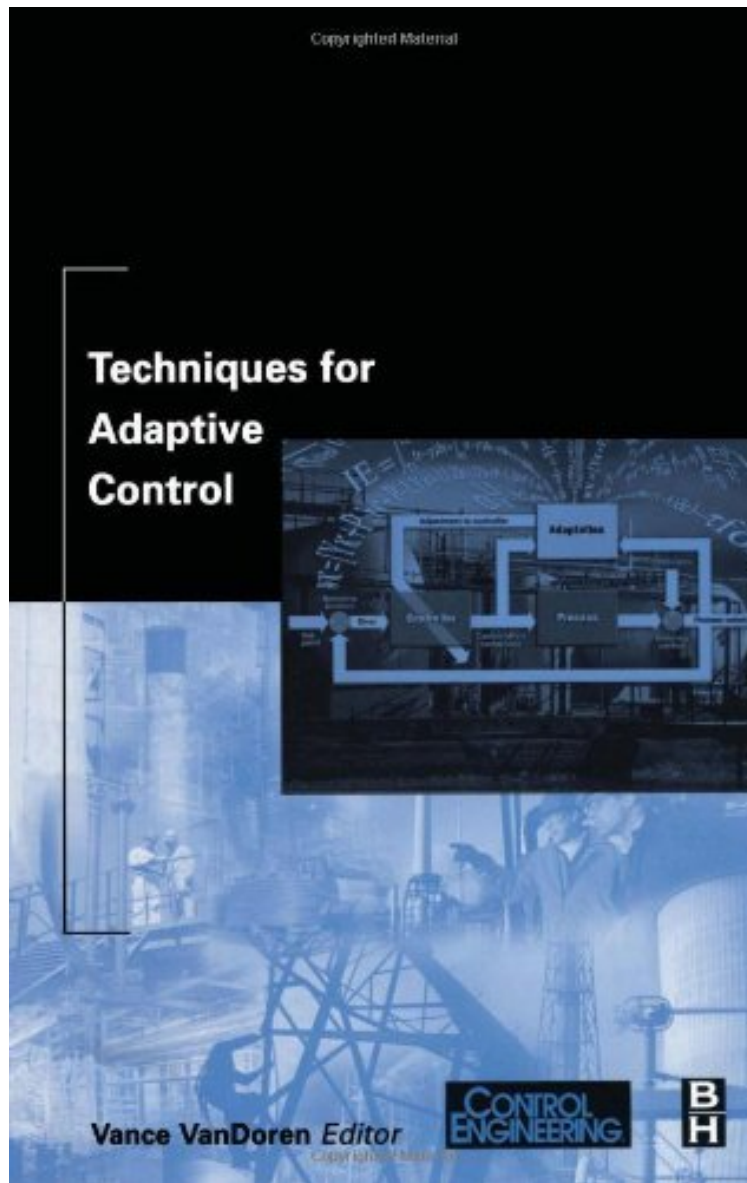


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Techniques for Adaptive Control

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From Butterworth-Heinemann : Techniques for Adaptive Control before purchasing it in order to gage whether or not it would be worth my time, and all praised Techniques for Adaptive Control:

1 of 1 people found the following review helpful. Practical advice for selecting adaptive control products By Dale Winslow I've been debating which of several adaptive control software products to apply to my distillation tower temperature loops. This book provided an overview of the technology behind every product I'd been considering and then some. Some of the material presented was a little too mathematical to really mean anything to me, but I got a

general idea of how and why each product works. I found the introduction by the editor particularly helpful in comparing the various approaches to adaptive control. I now have a much better feel for which of the available commercial software products is likely to give me the results I want with the information I have available.

Techniques for Adaptive Control compiles chapters from a team of expert contributors that allow readers to gain a perspective into a number of different approaches to adaptive control. In order to do this, each contributor provides an overview of a particular product, how it works, and reasons why a user would want it as well as an in depth explanation of their particular method. This is one of the latest technologies to emerge in the instrumentation and control field. These latest control methodologies offer a means to revolutionize plant and process efficiency, response time and profitability by allowing a process to be regulated by a form of rule-based AI, without human intervention. Rather than the common academic-based approach that books on this subject generally take, the contributions here outline practical applications of adaptive control technology allowing for a real look inside the industry and the new technologies available.* Written by a team of contributors from the industry's best-known product manufacturers and software developers* Provides real insight into new technologies available in the industry* Outlines practical applications of adaptive control technology

About the Author Vance Van Doren, Control Engineering Magazine