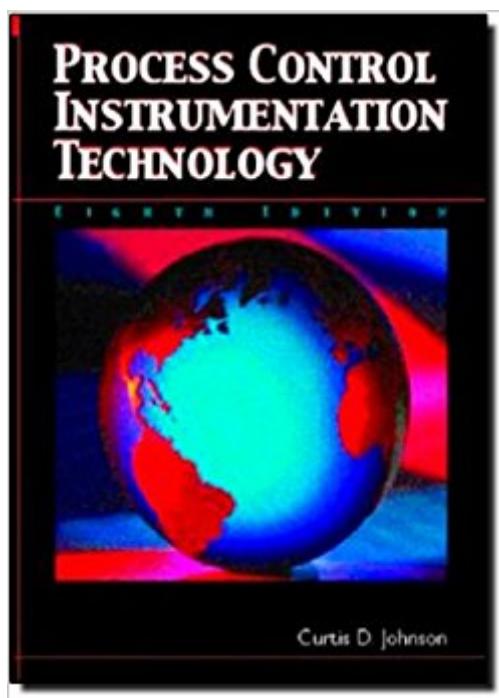


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# Process Control Instrumentation Technology (8th Edition)



## **Synopsis**

This manual is designed to provide users with an understanding and appreciation of some of the theoretical concepts behind control system elements and operations, without the need of advanced math and theory. It also presents some of the practical details of how elements of a control system are designed and operated, such as would be gained from on-the-job experience. This middle ground of knowledge enables users to design the elements of a control system from a practical, working perspective, and comprehend how these elements affect overall system operation and tuning. This edition includes treatment of modern fieldbus approaches to networked and distributed control systems. Generally, this guidebook provides an introduction to process control, and covers analog and digital signal conditioning, thermal, mechanical and optical sensors, final control, discrete-state process control, controller principles, analog controllers, digital control and control loop characteristics. For those working in measurement and instrumentation and with control systems and PLCs.

## **Book Information**

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## **Customer Reviews**

The Fifth Edition updates and improves the first six chapters of the book--measurement and instrumentation issues--while enhancing coverage throughout the remainder of the text. --This text refers to an out of print or unavailable edition of this title.

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theoretical concepts behind control system elements and operations, without the need of advanced math and theory. It also presents some of the practical details of how elements of a control system are designed and operated, such as would be gained from on-the-job experience. This middle ground of knowledge enables users to design the elements of a control system from a practical, working perspective, and comprehend how these elements affect overall system operation and tuning. This edition includes treatment of modern fieldbus approaches to networked and distributed control systems. Generally, this guidebook provides an introduction to process control, and covers analog and digital signal conditioning, thermal, mechanical and optical sensors, final control, discrete-state process control, controller principles, analog controllers, digital control and control loop characteristics. For those working in measurement and instrumentation and with control systems and PLCs.

Upon receiving the book, my first impression was that the front cover may fall off. It is heavily worn and the bottom 1.5 inches of the front cover is torn. Although the outside of the book is in rough shape the inside pages were in very good condition besides the occasional top corner of the page being folded.

Worked great for my class, what little we used it. I'm a MET major that is required to take this electrical course, so it was a little outside my field of study. The book wasn't too bad, and the Eastern Education Edition (International) was actually recommended by our professor. Did everything we needed it to do.

I purchased this book for a class and instead of receiving the right book listed in the picture I got the international version.... wonderful. The international version has the same information, the page numbers and example numbers are not the same though. This means that when I am in class and the professor says turn to page 245 i actually have to go that page and then flip back and forth to find the real page.

Book was in good condition and complete. Just what I needed for class.

This "Eastern Economy" paperback copy of the book contains all the same information as the hard cover, but at 1/10th the price.

I used this book in one of my engineering classes. It is very useful and to the point, especially the section concerning thermocoupling controls. I use this knowledge in my engineering job.

Good book, and good condition.

My son is at Mass Maritime and would be lost without this very informative book.

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