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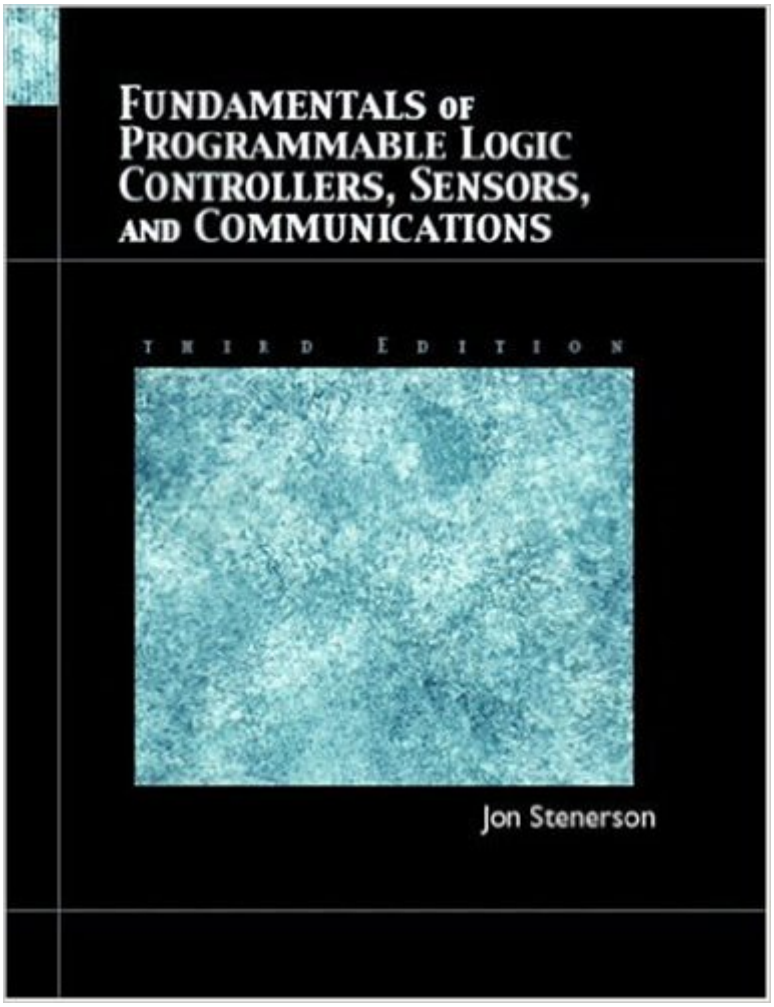
Fundamentals Of Programmable Logic Controllers, Sensors, And Communications (3rd Edition)



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Synopsis

The third edition of Fundamentals of Programmable Logic Controllers, Sensors, and Communications retains the previous editionÂ¿s practical approach, easy-to-read writing style, and coverage of various types of industrial controllers while reflecting leading-edge technology. Since the programmable logic controller has become an invaluable tool in American industry, it responds to the substantial need for trained personnel who can program and integrate these devices. Covers new and emerging technologies and techniquesâ ”IEC 61131 programming; Industrial automation controllers; ControlLogix; Embedded controllers; Supervisory control and data acquisition; Fuzzy logic; Step, stage, and state logic programming. Features process control and instrumentationâ ”Process Control, PLC Addressing, PLC Wiring, and Robotics. For trained personnel using programmable logic control devices.

Book Information

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Customer Reviews

Stenerson’s book is an exellent introduction to the subject of Programmable Logic Controllers. He uses several of the major brands in his discussion of automation. The book is not designed to make one fluent with one particular PLC, but rather to give one basic knowledge which is applicable to all brands of PLCs.I teach PLCs at a technical college and have been using Stenerson’s book for the last couple years - what a great text. Although its somewhat expensive, I feel that it is a great value.

The book is decent - better than a few I have purchased but suffers from a common failing in technical books - it is repleat with errors. Really, a book which is used by some in technical schools or colleges should have only a few errors at most. This book has scores of errors, which makes learning very difficult. Like most subjects if you intend to teach yourself, you will need three or four references including PLC manuals in order to resolve the many ambiguous diagrams and statements in the text...

I teach electricians about PLCs and use this book as the class textbook. It has very good coverage of the subject. There are other books that are less costly and cover the same basic material (but not in the same depth that this book does).

The book looks to be outdated in coverage of PLCs . The wording is very dry and technical with not many pictures explaining the concept . Book is in black and white -- I prefer color books like Petruzella's Programmable Logic Controllers . Had I know all this I probably would not have purchased this book . 2nd edition is also an old edition of the book which could explain why it is outdated . If you are starting out on PLC's , this book is not recommended . Go with Programmable Logic Controller by Petruzela .

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