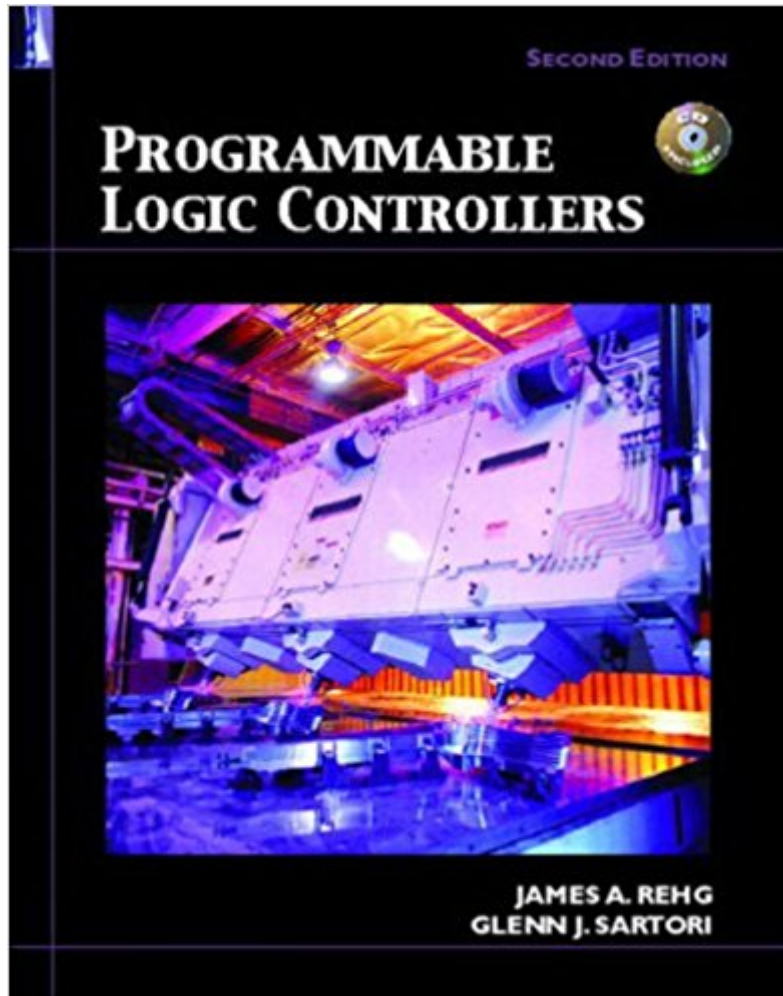




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Programmable Logic Controllers (2nd Edition)



Synopsis

This outstanding book for programmable logic controllers focuses on the theory and operation of PLC systems with an emphasis on program analysis and development. The book is written in easy-to-read and understandable language with many crisp illustrations and many practical examples. It describes the PLC instructions for the Allen-Bradley PLC 5, SLC 500, and Logix processors with an emphasis on the SLC 500 system using numerous figures, tables, and example problems. New to this edition are a two column and four-color interior design that improves readability and figure placement and all the chapter questions and problems are listed in one convenient location in Appendix D with page locations for all chapter references in the questions and problems. This book describes the technology so that readers can learn PLCs with no previous experience in PLCs or discrete and analog system control.

Book Information

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Customer Reviews

"James A. Rehg, CMfgE," is an Associate Professor of Engineering at Penn State Altoona, where he teaches automation controls courses in the BS program in Electromechanical Engineering Technology. He earned both a Bachelor of Science degree and a Master of Science degree in Electrical Engineering from St. Louis University and has completed additional graduate study at Wentworth Institute, University of Missouri, South Dakota School of Mines and Technology, and Clemson University. Before coming to Penn State Altoona, he was the CIM coordinator and

department head of CAD/CAM/Machine Tool Technology at Tri-County Technical College. Prior to that, he was the Dean of Engineering Technology and Director of Academic Computing at Trident Technical College in Charleston, South Carolina. He held the position of Director of the Robotics Resource Center at Piedmont Technical College in Greenwood, South Carolina, and was department head of Electronic Engineering Technology of Forest Park Community College in St. Louis, Missouri. In addition, he was a Senior Instrumentation Engineer for Boeing in St. Louis. Professor Rehg has authored five texts on robotics and automation and has presented numerous papers on subjects related directly to training in automation and robotics. He has also been a consultant to nationally recognized corporations and many educational institutions. He has led numerous seminars and workshops in the areas of robotics and microprocessors and has developed extensive seminar training material. In addition, he has received numerous state awards for excellence in teaching and was named the outstanding instructor in the nation by the Association of Community College Trustees. "Henry W. Kraebber, PE, CPIM," is a Professor of Mechanical Engineering Technology at Purdue University in West Lafayette, Indiana. He has fifteen years of experience and leadership in manufacturing operations, engineering, quality, and management. He has worked at the Collins Avionics and Missiles group of Rockwell International, the Plough Products Division of Schering-Plough Corporation, and Flavorite Laboratories, Inc. His work has supported the production of industrial, consumer, and military products in the food, consumer products, and electronics areas. He currently teaches courses in manufacturing operations, manufacturing quality control, and integrated systems in the Computer-Integrated Manufacturing Technology degree program. Mr. Kraebber earned a Bachelor of Science degree in Industrial Engineering from Purdue University and a Master of Engineering degree in Industrial Engineering from Iowa State University. He is President of the CIM in Higher Education (CIM/HE) Alliance, a nonprofit corporation that supports CIM and manufacturing education. He is a senior member of the Society of Manufacturing Engineers (SME) and the Institute of Industrial Engineers (IIE). He is an active member of the American Production and Inventory Control Society (APICS) and has served as President and Vice President of Education for the Wabash Valley Chapter.

Great book!

Good .

This is not a bad book but it not great. Some of the chapters can be long and not get to the point.

The glossary could use some work to(not a lot of vocab). Many times I just good to YOUTUBE to get better explanation of related material. This book should have been a lot better but it was not. The only reason I brought this book because it was require for class.

Never ended up using this.

This book arrived well within the promised period of time and was in very nice condition. The material is a bit dry but no one reads a text book for the humor.

This is exactly what I ordered. It came in great condition and will work fine for what I want it for.

Good

I was not too pleased with thius book as the pages were old and dingy with a dank scent. Also, the corners of it were shredded slightly

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