Understanding Distributed Processor Systems for Control (Hardback)

By Samuel M. Herb

ISA, United States, 1999. Hardback. Book Condition: New. 254 x 183 mm. Language: English . Brand New Book. This book addresses the challenges of the process control effort, recognizing that factory automation systems are no longer isolated entities, that the systems and their functions are indeed merging. Discrete, continuous and batch can be performed together or by the same system used in diverse applications. The book is intended for those readers involved in factory automation systems as well as process, including readers who are already experienced and knowledgeable about distributed processor systems, but may not necessarily be exposed to the technologies and issues discussed in industry. The author looks at past technologies and issues discussed in industry. The author looks at past technologies and how their concepts have grown to encompass additional new and exciting nuances of current high technology. Contents: Evolution of Plant-wide Process Control Nuts and Bolts of Computing Devices Controller Hardware and Software Structures Controllers Human Interfaces Plant Upsets Networks Connecting the Enterprise The Process System Security Vendor Architectures Control System Implementation Why Distribute My Control? Future Trends.

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