



Intelligent Buildings and Building Automation

By *Shengwei Wang*

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Giving you a combination of general principles, applied practice and information on the state-of-the-art, this book will give you the information you need to incorporate the latest systems and technologies into your building projects. It focuses on a number of important issues, such as:

- Network communication protocols and standards, including the application of the internet.
- The integration and interfacing of building automation subsystems and multiple building systems.
- Local and supervisory control strategies for typical building services systems.
- The automation system configuration and technologies for air-conditioning control, lighting system control, security and access control, and fire safety control.

Whether you're a project manager or engineer planning the systems set-up for a high value building, or a building engineering or management student looking for a practical guide to automation and intelligent systems, this book provides a valuable introduction and overview.

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Intelligent Buildings and Building Automation By Shengwei Wang **Bibliography**

- Sales Rank: #2474854 in Books
- Brand: Brand: Routledge
- Published on: 2009-12-06
- Released on: 2009-11-04
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .60" w x 6.14" l, .90 pounds
- Binding: Paperback
- 264 pages

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Editorial Review

Review

"The style used by the author is one that makes the early chapters of the book highly accessible to students readers, and should leave them well-prepared to take on the more detailed information in the later stages.[...] Provides a good description of the principles behind intelligent buildings and describes several areas of possible application of the principles outlined in the early chapters."

- Construction Management and Economics

About the Author

Shengwei Wang is a chair Professor at the Hong Kong Polytechnic University where he teaches Intelligent Building, Building Automation and Control, and Energy Efficiency. He is a member of ASHRAE technical committee TC-7.5 (Smart Building Systems).

Users Review

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