

# Preface to the Fourth Edition

This book is designed to take the mystery out of Heating, Ventilating, and Air Conditioning (HVAC) Direct Digital Control (DDC). It provides a simple approach for the practical design of HVAC DDC systems. It enables the reader to design and understand various types of control solutions for the most commonly used HVAC systems and clearly addresses the networking of DDC systems. It also reviews open DDC systems that allow for future expansion and interoperability. It is designed to be a textbook as well as a reference and fundamental book for HVAC designers and engineers, facility engineers, or anyone involved with state-of-the-art HVAC DDC. It is also highly recommended for those taking the mechanical professional engineering examination. This book emphasizes critical do's and don'ts as well as the accepted rule-of-thumb checks in HVAC control design. Each chapter includes an "Environmental and Energy Considerations" section as well as practice problems and special assignments.

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