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Autore	Gupton Guy W
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Nota di contenuto	Intro -- Table of Contents -- Foreword -- Preface to the Third Edition -- Chapter 1 Basic Functions of HVAC Systems and Control Systems -- Chapter 2 HVAC Equipment-to-Control Interactions -- Chapter 3 Operating and Maintaining HVAC Control Systems -- Chapter 4 The Mathematics of Control Systems: Controller Equations -- Chapter 5 Performance Prediction In ATC Systems -- Chapter 6 HVAC Control System Set-Up -- Chapter 7 Maintaining Electric and Electronic Control Systems -- Chapter 8 Maintaining Pneumatic Control Systems -- Chapter 9 Maintaining Local Loop to BAS Interfaces -- Chapter 10 HVAC Control System Checkout Procedures -- Chapter 11 Fine-tuning Program for Pneumatic Control Systems -- Chapter 12 Troubleshooting ATC Systems -- Chapter 13 Tools &amp -- Fixtures for ATC Systems Operation and Maintenance -- Chapter 14 Training Operating &amp -- Maintenance Personnel -- Chapter 15 Installing Hybrid Pneumatic and Direct Digital Control Systems -- Chapter 16 Operating Direct Digital Control Systems -- Chapter 17 Testing Direct Digital Control Systems -- Chapter 18 A Short Course in Psychrometrics -- Glossary of HVAC Terms Used in Controls System Operation and Maintenance -- Index.

Sommario/riassunto

This handbook was written to serve as a complete and concise reference for those engaged in the operation and maintenance of automatic control systems serving building heating, ventilating and air conditioning systems. The full range of topics pertinent to the effective operation of all types of HVAC control systems are explored, including equipment-to-control interactions, control system set-up and functions, local loop to building automation system interfaces, performance prediction and assessment, operational parameters, and maintenance and testing.The third edition includes an additional chapter covering the installations and procedures required to update an existing pneumatic control system to a hybrid pneumatic and direct digital system by adding DDC signal sensing and control algorithms to existing pneumatic actuators on dampers and valves.