1. Record Nr. UNINA9910438006803321

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| Autore | Lipsker Dan |
| Titolo | Clinical Examination and Differential Diagnosis of Skin Lesions / / by Dan Lipsker |
| Pubbl/distr/stampa | Paris : , : Springer Paris : , : Imprint : Springer, , 2013 |
| ISBN | 2-8178-0411-2 |
| Edizione | [1st ed. 2013.] |
| Descrizione fisica | 1 online resource (231 p.) |
| Disciplina | 616.99477 |
| Soggetti | Dermatology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | SEMIOLOGY -- Physical examination and the approach to dermatology -- Dermatological physical examination: basic lesions -- Flat lesions -- Palpable and solid lesions -- Liquid lesions -- Abnormalities in skin thickness and consistency -- Abnormalities affecting the skin surface -- Other signs -- Configuration and arrangement -- Distribution -- Synopsis -- NOSOLOGY -- Prevalent dermatoses -- Tumors and tumorous lesions -- Dermatological signs of medical emergencies -- Cutaneous expression of internal diseases -- DIFFERENTIAL DIAGNOSIS -- Hypopigmented or leukodermic lesions -- Hyperpigmented lesions -- Erythematous macules-erythema -- Erythema with a specific topography -- Exanthems -- Erythroderma -- Livedo -- Purpura -- Telangiectasias -- Yellow, orange and green macules -- Dermoepidermal, lipoatrophic and lipodystrophic atrophy -- Poikiloderma -- Vesicles and bullae -- Pustules -- Palpable lesions – general remarks -- Palpable lesions with the same color as the skin -- Brown, black, blue or gray palpable lesions -- White palpable lesions -- Yellow palpable lesions -- Palpable erythematous lesions -- Follicular papules and pillar keratosis -- Palpable lesions with a specific topography -- Palmoplantar keratodermas -- Intricate papular lesions -- Cutaneous sclerosis -- Shedding of skin -- Erosion and ulceration -- Necrosis. |
| Sommario/riassunto | Conceived as a guide for practitioners in their work in dermatology, this book is unique in its approach. From cutaneous signs to the richness of differential diagnosis, it guides practitioners through every |

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| | step, from semiological analysis to diagnosis. The aim is to provide readers with the essentials of relevant dermatological reasoning. The first part of the book focuses on physical examination and on recognizing basic lesions, the practitioner’s building blocks. The diseases requiring understanding are then described in the form of a richly illustrated atlas, in which each diagram has been chosen as an exemplary educational tool. In the final part, differential diagnosis is proposed in the form of various tables summarizing the different cutaneous signs, providing readers with a complete toolkit to assist with diagnosis. This book will give trainee dermatologists, general physicians and internists the knowledge they need to identify basic lesions and a complete and detailed overview of the various diseases they are likely to encounter. At the same time, experienced dermatologists will find this book a valuable reference work for differential diagnosis. |

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| 2. | Record Nr. | UNINA9911019745003321 |
| | Autore | Smith Carlos A. <1943-> |
| | Titolo | Automated continuous process control / / Carlos A. Smith |
| | Pubbl/distr/stampa | New York, : J. Wiley, c2002 |
| | ISBN | 9786610366392<br>9781280366390<br>1280366397<br>9780470349564<br>0470349565<br>9780471459262<br>0471459267<br>9780471218838<br>0471218839 |
| | Descrizione fisica | 1 online resource (232 p.) |
| | Disciplina | 660.2815<br>660/.2815 |
| | Soggetti | Chemical process control - Automation<br>Process control - Automation |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |

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| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | AUTOMATED CONTINUOUS PROCESS CONTROL; CONTENTS; PREFACE; 1 INTRODUCTION; 1-1 Process Control System; 1-2 Important Terms and Objective of Automatic Process Control; 1-3 Regulatory and Servo Control; 1-4 Transmission Signals, Control Systems, and Other Terms; 1-5 Control Strategies; 1-5.1 Feedback Control; 1-5.2 Feedforward Control; 1-6 Summary; 2 PROCESS CHARACTERISTICS; 2-1 Process and Importance of Process Characteristics; 2-2 Types of Processes; 2-3 Self-Regulating Processes; 2-3.1 Single-Capacitance Processes; 2-3.2 Multicapacitance Processes; 2-4 Transmitters and Other Accessories 2-5 Obtaining Process Characteristics from Process Data2-6 Questions When Performing Process Testing; 2-7 Summary; Reference; Problems; 3 FEEDBACK CONTROLLERS; 3-1 Action of Controllers; 3-2 Types of Feedback Controllers; 3-2.1 Proportional Controller; 3-2.2 Proportional-Integral Controller; 3-2.3 Proportional-Integral-Derivative Controller; 3-2.4 Proportional-Derivative Controller; 3-3 Reset Windup; 3-4 Tuning Feedback Controllers; 3-4.1 Online Tuning: Ziegler-Nichols Technique; 3-4.2 Offline Tuning; 3-5 Summary; References; Problems; 4 CASCADE CONTROL; 4-1 Process Example 4-2 Implementation and Tuning of Controllers4-2.1 Two-Level Cascade Systems; 4-2.2 Three-Level Cascade Systems; 4-3 Other Process Examples; 4-4 Closing Comments; 4-5 Summary; References; 5 RATIO, OVERRIDE, AND SELECTIVE CONTROL; 5-1 Signals and Computing Algorithms; 5-1.1 Signals; 5-1.2 Programming; 5-1.3 Scaling Computing Algorithms; 5-1.4 Significance of Signals; 5-2 Ratio Control; 5-3 Override, or Constraint, Control; 5-4 Selective Control; 5-5 Designing Control Systems; 5-6 Summary; References; Problems; 6 BLOCK DIAGRAMS AND STABILITY; 6-1 Block Diagrams; 6-2 Control Loop Stability 6-2.1 Effect of Gains6-2.2 Effect of Time Constants; 6-2.3 Effect of Dead Time; 6-2.4 Effect of Integral Action in the Controller; 6-2.5 Effect of Derivative Action in the Controller; 6-3 Summary; Reference; 7 FEEDFORWARD CONTROL; 7-1 Feedforward Concept; 7-2 Block Diagram Design of Linear Feedforward Controllers; 7-3 Lead/Lag Term; 7-4 Extension of Linear Feedforward Controller Design; 7-5 Design of Nonlinear Feedforward Controllers from Basic Process Principles; 7-6 Closing Comments on Feedforward Controller Design; 7-7 Additional Design Examples; 7-8 Summary; References; Problem 8 DEAD-TIME COMPENSATION8-1 Smith Predictor Dead-Time Compensation Technique; 8-2 Dahlin Controller; 8-3 Summary; References; 9 MULTIVARIABLE PROCESS CONTROL; 9-1 Pairing Controlled and Manipulated Variables; 9-1.1 Obtaining Process Gains and Relative Gains; 9-1.2 Positive and Negative Interactions; 9-2 Interaction and Stability; 9-3 Tuning Feedback Controllers for Interacting Systems; 9-4 Decoupling; 9-4.1 Decoupler Design from Block Diagrams; 9-4.2 Decoupler Design from Basic Principles; 9-5 Summary; References; Problem; Appendix A CASE STUDIES Case 1: Ammonium Nitrate Prilling Plant Control System |
| Sommario/riassunto | Automated Continuous Process Control pulls together-in one compact and practical volume-the essentials for understanding, designing, and operating process control systems. This comprehensive guide covers the major elements of process control in a well-defined and ordered framework. Concepts are clearly presented, with minimal reliance on mathematical equations and strong emphasis on practical, real-life examples. Beginning with the very basics of process control, |

Automated Continuous Process Control builds upon each chapter to help the reader understand and efficiently practice industrial pr