1. Record Nr. UNINA9910760491503321

Titolo	Small animal veterinary psychiatry / / Edited by Sagi Denenberg
Pubbl/distr/stampa	Boston, Massachusetts : , : CAB International, , [2021] Â©2021
ISBN	1-78639-457-X 1-78639-456-1
Descrizione fisica	1 online resource (600 pages) : illustrations
Disciplina	636.089689
Soggetti	Veterinary medicine Animal behavior Animal psychopathology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.

2.

Record Nr.	UNINA9910792865303321
Autore	Lai Chun (Language teacher)
Titolo	Autonomous language learning with technology beyond the classroom / / Chun Lai
Pubbl/distr/stampa	London ; ; New York : , : Bloomsbury Academic, , [2017]
ISBN	1-4742-4043-7 1-4742-4044-5 1-4742-4042-9
Descrizione fisica	1 online resource (232 pages) : illustrations, tables
Collana	Advances in Digital Language Learning and Teaching
Disciplina	418.0078/5
Soggetti	Distance education - Technological innovations Language and languages - Computer-assisted instruction Language and languages - Study and teaching - Self-instruction Language and languages - Study and teaching - Technological innovations Web-based instruction - Technological innovations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. I Understanding Out-of-Class Autonomous Language Learning with Technology. 1.Introducing Key Concepts ; 2.Theoretical Backgrounds and Frameworks ; 3.The Nature of Out-of-Class Autonomous Language Learning with Technology ; 4.Factors that Affect Out-of-Class Autonomous Language Learning with Technology -- pt. II Promoting Out-of-Class Autonomous Language Learning with Technology. 5. Promoting Out-of-Class Autonomous Language Learning with Technology: Learner Training ; 6.Promoting Out-of-Class Autonomous Language Learning with Technology: Teachers' Role ; 7.Promoting Out-of-Class Autonomous Language Learning with Technology: The Resource and Environment Design -- pt. III Researching Out-of-Class Autonomous Language Learning with Technology ; 8.Towards a Research Agenda of Out-of-Class Autonomous Language Learning with Technology ; 9.Conclusion and the Way Forward.
Sommario/riassunto	"This book looks beyond the classroom, and focuses on out-of-class autonomous use of technology for language learning, discussing the

theoretical frameworks, key findings and critical issues. The proliferation of digital language learning resources and tools is forcing language education into an era of unprecedented change. The book will stimulate discussions on how to support language learners to construct quality autonomous technology-mediated out-of-class learning experience outside the classroom and raise greater awareness of and research interest in this field. Out-of-class learning constitutes an important context for human development, and active engagement in out-of-class activities is associated with successful language development. With convenient access to expanded resources, venues and learning spaces, today's learners are not as dependent on in-class learning as they used to be. Thus, a deeper understanding of the terrain of out-of-class learning is of increasing significance in the current educational era. Technology is part and parcel of out-of-class language learning, and has been a primary source that learners actively use to construct language learning experience beyond the classroom. Language learners of all ages around the world have been found to actively utilize technological resources to support their language learning beyond formal language learning contexts. Insights into learners' out-of-class autonomous use of technology for language learning are essential to our understanding of out-of-class learning and inform educators on how language learners could be better supported to maximize the educational potentials of technology to construct quality out-of-class learning experience."--Bloomsbury Publishing.

3. Record Nr. UNINA9910819745503321

Titolo	Introduction to dynamics and control in mechanical engineering systems / / Cho W. S. To
Pubbl/distr/stampa	Chichester, West Sussex, United Kingdom, : Wiley, : Asme Press, 2016
ISBN	1118934903 9781118934906
Edizione	[1st ed.]
Descrizione fisica	1 online resource (392 pages) : illustrations
Collana	Wiley-ASME Press series
Classificazione	531.3 621.8
Disciplina	621.8
Soggetti	Control theory Machinery, Dynamics of
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"ASME Press" Includes bibliographical references and index
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Title Page -- Table of Contents -- Series Preface -- Preface -- Acknowledgments -- 1 Introduction -- 1.1 Important Difference between Static and Dynamic Responses -- 1.2 Classification of Dynamic Systems -- 1.3 Applications of Control Theory -- 1.4 Organization of Presentation -- References -- 2 Review of Laplace Transforms -- 2.1 Definition -- 2.2 First and Second Shifting Theorems -- 2.3 Dirac Delta Function (Unit Impulse Function) -- 2.4 Laplace Transforms of Derivatives and Integrals -- 2.5 Convolution Theorem -- 2.6 Initial and Final Value Theorems -- 2.7 Laplace Transforms of Periodic Functions -- 2.8 Partial Fraction Method -- 2.9 Questions and Solutions -- 2.10 Applications of MATLAB -- Exercise Questions -- References -- 3 Dynamic Behaviors of Hydraulic and Pneumatic Systems -- 3.1 Basic Elements of Liquid and Gas Systems -- 3.2 Hydraulic Tank Systems -- 3.3 Nonlinear Hydraulic Tank and Linear Transfer Function -- 3.4 Pneumatically Actuated Valves -- 3.5 Questions and Solutions -- Appendix 3A: Transfer Function of Two Interacting Hydraulic Tanks -- Exercise Questions -- 4 Dynamic Behaviors of Oscillatory Systems -- 4.1 Elements of Oscillatory Systems -- 4.2 Free Vibration of Single Degree-of-Freedom Systems -- 4.3

Single Degree-of-Freedom Systems under Harmonic Forces -- 4.4 Single Degree-of-Freedom Systems under Non-Harmonic Forces -- 4.5 Vibration Analysis of Multi-Degrees-of-Freedom Systems -- 4.6 Vibration of Continuous Systems -- 4.7 Questions and Solutions -- Appendix 4A: Proof of Equation (4.19b) -- Exercise Questions -- References -- 5 Formulation and Dynamic Behavior of Thermal Systems -- 5.1 Elements of Thermal Systems -- 5.2 Thermal Systems -- 5.3 Questions and Solutions -- Exercise Questions -- 6 Formulation and Dynamic Behavior of Electrical Systems -- 6.1 Basic Electrical Elements. 6.2 Fundamentals of Electrical Circuits -- 6.3 Simple Electrical Circuits and Networks -- 6.4 Electromechanical Systems -- 6.5 Questions and Solutions -- Exercise Questions -- References -- 7 Dynamic Characteristics of Transducers -- 7.1 Basic Theory of the Tachometer -- 7.2 Principles and Applications of Oscillatory Motion Transducers -- 7.3 Principles and Applications of Microphones -- 7.4 Principles and Applications of the Piezoelectric Hydrophone -- 7.5 Questions and Solutions -- Appendix 7A: Proof of Approximated Current Solution -- Exercise Questions -- References -- 8 Fundamentals of Control Systems -- 8.1 Classification of Control Systems -- 8.2 Representation of Control Systems -- 8.3 Transfer Functions -- 8.4 Closed-Loop Control Systems -- 8.5 Block Diagram Reduction -- 8.6 Questions and Solutions -- Exercise Questions -- References -- 9 Analysis and Performance of Control Systems -- 9.1 Response in the Time Domain -- 9.2 Transient Responses as Functions of Closed-Loop Poles -- 9.3 Control System Design Based on Transient Responses -- 9.4 Control Types -- 9.5 Steady-State Errors -- 9.6 Performance Indices and Sensitivity Functions -- 9.7 Questions and Solutions -- Exercise Questions -- 10 Stability Analysis of Control Systems -- 10.1 Concept of Stability in Linear Control Systems -- 10.2 Routh-Hurwitz Stability Criterion -- 10.3 Applications of Routh-Hurwitz Stability Criterion -- 10.4 Questions and Solutions -- Exercise Questions -- References -- 11 Graphical Methods for Control Systems -- 11.1 Root Locus Method and Root Locus Plots -- 11.2 Polar and Bode Plots -- 11.3 Nyquist Plots and Stability Criterion -- 11.4 Gain Margin and Phase Margin -- 11.5 Lines of Constant Magnitude: M Circles -- 11.6 Lines of Constant Phase: N Circles -- 11.7 Nichols Charts -- 11.8 Applications of MATLAB for Graphical Constructions -- Exercise Questions. References -- 12 Modern Control System Analysis -- 12.1 State Space Method -- 12.2 State Transition Matrix -- 12.3 Relationship between Laplace Transformed State Equation and Transfer Function -- 12.4 Stability Based on Eigenvalues of the Coefficient Matrix -- 12.5 Controllability and Observability -- 12.6 Stabilizability and Detectability -- 12.7 Applications of MATLAB -- Appendix 12A: Solution of System of First-Order Differential Equations -- Appendix 12B: Maclaurin's Series -- Appendix 12C: Rank of A Matrix -- Exercise Questions -- References -- Index -- End User License Agreement.