

1. Record Nr.	UNISA996207180403316
Autore	Christensen Henrik I.
Titolo	SLAM, simultaneous localization and mapping // Henrik I. Christensen
Pubbl/distr/stampa	[United States] : , : IEEE, , 2007
ISBN	1-5090-8971-3 1-4244-1435-0
Descrizione fisica	1 online resource (1 video file, 180 mins) : color illustrations
Disciplina	629.892
Soggetti	Mobile robots
Lingua di pubblicazione	Inglese
Formato	Videoregistrazione
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	This course covers the general area of Simultaneous Localization and Mapping (SLAM). Initially the problems of localization, mapping, and SLAM are introduced from a methodological point of view. Different methods for representation of uncertainty will be introduced including their ability to handle single and multi-mode uncertainty representations. A number of example applications are discussed.

2. Record Nr.	UNINA9910141288303321
Titolo	Biodiversity and pests [[electronic resource]] : key issues for sustainable management // edited by Geoff M. Gurr, Steve D. Wratten, William E. Snyder ; with Donna M.Y. Read
Pubbl/distr/stampa	Chichester, West Sussex, UK ; ; Hoboken, NJ, : John Wiley & Sons, 2012
ISBN	1-118-23185-6 1-78539-342-1 1-280-59852-2 9786613628350 1-118-23182-1 1-118-23183-X 1-118-23184-8
Descrizione fisica	1 online resource (370 p.)
Altri autori (Persone)	GurrGeoff ReadDonna M. Y SnyderWilliam E. <1969-> WrattenStephen D
Disciplina	363.7/8
Soggetti	Agricultural pests - Control Agrobiodiversity Biodiversity Insect pests - Control Sustainability Sustainable agriculture
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	BIODIVERSITY AND INSECT PESTS; Contents; Preface; Foreword; Contributors; Introduction; Chapter 1: Biodiversity and insect pests; Fundamentals; Chapter 2: The ecology of biodiversity- biocontrol relationships; Chapter 3: The role of generalist predators in terrestrial food webs: lessons for agricultural pest management; Chapter 4: Ecological economics of biodiversity use for pest management; Chapter 5: Soil fertility, biodiversity and pest management; Chapter 6: Plant

biodiversity as a resource for natural products for insect pestmanagement

Chapter 7: The ecology and utility of local and landscape scale effects in pest managementMethods; Chapter 8: Scale effects in biodiversity and biological control: methods and statistical analysis; Chapter 9: Pick and mix: selecting flowering plants to meet the requirements of target biological control insects; Chapter 10: The molecular revolution: using polymerase chain reaction Based methods to explore the role of predators in terrestrial food webs; Chapter 11: Employing Chemical Ecology to Understand and Exploit Biodiversity for Pest Management; Application

Chapter 12: Using Decision Theory and Sociological Tools to Facilitate Adoption of Biodiversity-Based Pest Management StrategiesChapter 13: Ecological Engineering Strategies to Manage Insect Pests in Rice; Chapter 14: China's 'Green Plant Protection' Initiative: Coordinated Promotion Of Biodiversity-Related Technologies; Chapter 15: Diversity and Defence: Plant-Herbivore Interactions at Multiple Scales and Trophic Levels; Chapter 16: 'Push-Pull' Revisited: The Process of Successful Deployment of a Chemical Ecology Based Pest Management Tool

Chapter 17: Using native plant species to diversify agricultureChapter 18: Using biodiversity for pest suppression in urban landscapes; Chapter 19: Cover crops and related methods for enhancing agricultural biodiversity and conservation biocontrol: successful case studies; Synthesis; Chapter 20: Conclusion: biodiversity as an asset rather than a burden; Index

Sommario/riassunto

Biodiversity offers great potential for managing insect pests. It provides resistance genes and anti-insect compounds; a huge range of predatory and parasitic natural enemies of pests; and community ecology-level effects operating at the local and landscape scales to check pest build-up. This book brings together world leaders in theoretical, methodological and applied aspects to provide a comprehensive treatment of this fast-moving field. Chapter authors from Europe, Asia, Africa, Australasia and the Americas ensure a truly international scope. Topics range from scientific principles, innov
