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A radical history of squatting and the

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struggle for the right to remake the city
The Autonomous City is the first
popular history of squatting as
practised in Europe and North
America. Alex Vasudevan retraces the
struggle for housing in Amsterdam,
Berlin, Copenhagen, Detroit, Hamburg,
London, Madrid, Milan, New York, and

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Vancouver. He looks at the organisation of alternative forms of housing—from Copenhagen's Freetown Christiania to the squats of the Lower East Side—as well as the official response, including the recent criminalisation of squatting, the brutal eviction of squatters and their widespread vilification. Pictured

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as a way to reimagine and reclaim the city, squatting offers an alternative to housing insecurity, oppressive property speculation and the negative effects of urban regeneration. We must, more than ever, reanimate and remake the urban environment as a site of radical social transformation.

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**Between the 18th and 19th centuries,
Britain experienced massive leaps in
technological, scientific, and economical
advancement**

**"A Vision for Safety replaces the
Federal Automated Vehicle Policy
released in 2016. This updated policy
framework offers a path forward for**

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the safe deployment of automated vehicles by: encouraging new entrants and ideas that deliver safer vehicles; making Department regulatory processes more nimble to help match the pace of private sector innovation; and supporting industry innovation and encouraging open communication with

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the public and with stakeholders."--Introductory message.

The second edition of a comprehensive introduction to all aspects of mobile robotics, from algorithms to mechanisms. Mobile robots range from the Mars Pathfinder mission's teleoperated Sojourner to the cleaning

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robots in the Paris Metro. This text offers students and other interested readers an introduction to the fundamentals of mobile robotics, spanning the mechanical, motor, sensory, perceptual, and cognitive layers the field comprises. The text focuses on mobility itself, offering an

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overview of the mechanisms that allow a mobile robot to move through a real world environment to perform its tasks, including locomotion, sensing, localization, and motion planning. It synthesizes material from such fields as kinematics, control theory, signal analysis, computer vision, information

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theory, artificial intelligence, and probability theory. The book presents the techniques and technology that enable mobility in a series of interacting modules. Each chapter treats a different aspect of mobility, as the book moves from low-level to high-level details. It covers all aspects of mobile robotics,

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including software and hardware design considerations, related technologies, and algorithmic techniques. This second edition has been revised and updated throughout, with 130 pages of new material on such topics as locomotion, perception, localization, and planning and navigation. Problem sets have been

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added at the end of each chapter.

Bringing together all aspects of mobile robotics into one volume, Introduction to Autonomous Mobile Robots can serve as a textbook or a working tool for beginning practitioners. Curriculum developed by Dr. Robert King, Colorado School of Mines, and Dr.

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**James Conrad, University of North
Carolina-Charlotte, to accompany the
National Instruments LabVIEW
Robotics Starter Kit, are available.
Included are 13 (6 by Dr. King and 7 by
Dr. Conrad) laboratory exercises for
using the LabVIEW Robotics Starter
Kit to teach mobile robotics concepts.**

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Intelligent Robotics And
Atlantis**

**Dynamique Non-linéaire Et Le Chaos
Architecture in Words**

**Distributed Autonomous Robotic
Systems 4**

The Way Forward

Autonomous Weapons Systems and the

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Protection of the Human Person
Autonomous Agents Series

"This book is the English version of my
'De communautaire rechtsorde' ...
which was published by Kluwer,
Deventer (the Netherlands) in 2000 ...
Where necessary I have updated the
text by taking account of
developments until the beginning of

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Intelligent Robotics And
2003."--Foreword.

Original Scholarly Monograph

This book takes a look at fully automated, autonomous vehicles and discusses many open questions: How can autonomous vehicles be integrated into the current transportation system with diverse

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users and human drivers? Where do automated vehicles fall under current legal frameworks? What risks are associated with automation and how will society respond to these risks? How will the marketplace react to automated vehicles and what changes may be necessary for companies?

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Experts from Germany and the United States define key societal, engineering, and mobility issues related to the automation of vehicles. They discuss the decisions programmers of automated vehicles must make to enable vehicles to perceive their environment, interact

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with other road users, and choose actions that may have ethical consequences. The authors further identify expectations and concerns that will form the basis for individual and societal acceptance of autonomous driving. While the safety benefits of such vehicles are

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tremendous, the authors demonstrate that these benefits will only be achieved if vehicles have an appropriate safety concept at the heart of their design. Realizing the potential of automated vehicles to reorganize traffic and transform mobility of people and goods requires similar care in the

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design of vehicles and networks. By covering all of these topics, the book aims to provide a current, comprehensive, and scientifically sound treatment of the emerging field of "autonomous driving".

An introduction to the field of applied ontology with examples derived

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particularly from biomedicine, covering theoretical components, design practices, and practical applications. In the era of “big data,” science is increasingly information driven, and the potential for computers to store, manage, and integrate massive amounts of data has given rise to such

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new disciplinary fields as biomedical informatics. Applied ontology offers a strategy for the organization of scientific information in computer-tractable form, drawing on concepts not only from computer and information science but also from linguistics, logic, and philosophy. This

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book provides an introduction to the field of applied ontology that is of particular relevance to biomedicine, covering theoretical components of ontologies, best practices for ontology design, and examples of biomedical ontologies in use. After defining an ontology as a representation of the

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types of entities in a given domain, the book distinguishes between different kinds of ontologies and taxonomies, and shows how applied ontology draws on more traditional ideas from metaphysics. It presents the core features of the Basic Formal Ontology (BFO), now used by over one hundred

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ontology projects around the world, and offers examples of domain ontologies that utilize BFO. The book also describes Web Ontology Language (OWL), a common framework for Semantic Web technologies. Throughout, the book provides concrete recommendations

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for the design and construction of
domain ontologies.

A History of Urban Squatting

The Redaction and Formulation of the
Order of Purities in Mishnah and
Tosefta

Recommencing the Revolution: From
Socialism to the Autonomous Society,

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Intelligent Robotics And
1961-1979

Autonomous Agents Series
New Approaches to Subjectivity,
Society, and Social Change

Technical, Legal and Social Aspects
Proceedings of the First European
Conference on Artificial Life

Les Mutations de L'Etat-nation en
Europe À L'aube Du XXIe Siècle

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This insightful book discusses the impact of EU law on the creation and empowerment of autonomous public bodies (APBs) at Member State level and analyzes recent attempts of European states to rationalize

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delegation to APBs. It examines the tensions between these trends: under what conditions can APBs be considered legitimate forms of government in the light of modern conceptions of constitutionalism,

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the rule of law and democracy -
values that are deeply rooted in
European constitutions? And to
what extent do EU obligations on
the independence of national
regulators, data protection
authorities and the like conflict

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with those conceptions?

This book constitutes the
proceedings of the 6th
International Symposium on
Model-Based Safety and
Assessment, IMBSA 2019, held
inThessaloniki, Greece, in

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October 2019. The 24 revised full papers presented were carefully reviewed and selected from 46 initial submissions. The papers are organized in topical sections on safety models and languages; dependability

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analysis process; safety
assessment; safety assessment in
automotive industry; AI in safety
assessment.

From objects to sounds,
choreography is expanding
beyond dance and human bodies

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in motion. This book offers one of the rare systematic investigations of expanded choreography as it develops in contemporaneity, and is the first to consider expanded choreography from a trans-

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historical perspective. Through
case studies on different periods
of European dance history -
ranging from Renaissance dance
to William Forsythe's
choreographic objects and from
Baroque court ballets to digital

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choreographies - it traces a
journey of choreography as a
practice transcending its sole
association with dancing,
moving, human bodies.

This dictionary consists of some
50,000 headwords in both

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French and English, including
4,000 abbreviations. Terms are
drawn from the whole range of
business, finance and banking
terminology.

A Vision for Safety.

A European Perspective

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The Fourth Industrial Revolution
Autonomous Agents Series
An International Law Analysis
L'autonomie de l'apprenant : La
perspective de l'enseignant
Volume V: The Nineteenth
Century in Two Parts (2 Book
set)

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Castoriadis, Foucault, and
Autonomy

The idea of autonomous systems that are able to make choices according to properties which allow them to experience, apprehend and

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Autonomous Agents Series

assess their environment is
becoming a reality. These

systems are capable of auto-
configuration and self-
organization. This book
presents a model for the
creation of autonomous
systems based on a complex

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substratum, made up of multiple electronic components that deploy a variety of specific features. This substratum consists of multi-agent systems which act continuously and

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autonomously to collect information from the environment which they then feed into the global system, allowing it to generate discerning and concrete representations of its surroundings. These systems

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are able to construct a so-called artificial corporeity

which allows them to have a sense of self, to then behave autonomously, in a way reminiscent of living organisms.

Robotic Sailing 2017. This

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book contains the peer-
reviewed papers presented at
the 10th International
Robotic Sailing Conference
which was organized in
conjunction with the 10th
World Robotic Sailing
Championship held in Horten,

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Intelligent Robotics And
Autonomous Agents Series
Norway the 4th-9th of
September 2017. The seven

papers cover topics of
interest for autonomous
robotic sailing which
represents some of the most
challenging research and
development areas. The book

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Intelligent Robotics And
is divided into two parts.

Autonomous Agents Series
The first part contains
papers which focus on the
design of sails and software
for the assessment and
predication of sailboat
performance as well as
software platforms and

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middleware for sailboat
competition and research.

The second part includes
algorithms and strategies
for navigation and collision
avoidance on local, mid- and
long range. The differences
in approach in the included

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papers show that robotic sailing is still an emerging cross-disciplinary science.

The multitude of suggestions to the specific problems of prediction and simulation of sailboats as well as the challenges of route

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Autonomous Agents Series

planning, anti-grounding and collision avoidance are good indicators of science in its infancy. Hence, we may expect the future to hold great advances for robotic sailing.

Artificial life embodies a

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recent and important conceptual step in modern science: asserting that the core of intelligence and cognitive abilities is the same as the capacity for living. The recent surge of interest in artificial life

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has pushed a whole range of engineering traditions, such as control theory and robotics, beyond classical notions of goal and planning into biologically inspired notions of viability and adaptation, situatedness and

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operational closure. These proceedings serve two important functions: they address bottom-up theories of artificial intelligence and explore what can be learned from simple models such as insects about the

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cognitive processes and characteristic autonomy of living organisms, while also engaging researchers and philosophers in an exciting examination of the epistemological basis of this new trend. Topics

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- Artificial Animals • Genetic Algorithms • Autonomous Systems • Emergent Behaviors • Artificial Ecologies • Immunologic Algorithms • Self-Adapting Systems • Emergent Structures • Emotion And Motivation •

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Intelligent Robotics And
Neural Networks •
Coevolution • Fitness

Landscapes Contributors H.
Bersini, Domenico Parisi,
Rodney A. Brooks,
Christopher G. Langton, S.
Kauffman, J.-L. Denenbourg,
Pattie Maes, John Holland,

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T. Smithersm H. Swefel, H.
Muhlenbein

What if the house you are
about to enter was built
with the confessed purpose
of seducing you, of creating
various sensations destined
to touch your soul and make

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you reflect on who you are?
Could architecture have such
power? This was the
assumption of generations of
architects at the beginning
of modernity. Exploring the
role of theatre and fiction
in defining character in

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architecture, Louise Pelletier examines how architecture developed to express political and social intent. Applying this to the modern day, Pelletier considers how architects can learn from these eighteenth

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century attitudes in order
to restore architecture's
communicative dimension.
Through an in-depth and
interdisciplinary analysis
of the beginning of
modernity, Louise Pelletier
encourages today's

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architects to consider the political and linguistic implications of their tools. Combining theory, historical studies and research, Architecture in Words will provoke thought and enrich the work of any architect.

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The Autonomous City
Political and Social
Writings

Introduction to Autonomous
Robots

Teacher/student

Responsibility in Foreign

Language Learning

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Autonomous Agents Series
Building Ontologies with
Basic Formal Ontology

A History of the Mishnaic
Law of Purities, Part 21
From Socialism to the
Autonomous Society,
1961-1979

This book offers a unique contribution,

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exploring how the intersections among migrants and radical squatter's movements have evolved over past decades. The complexity and importance of squatting practices are analyzed from a bottom-up perspective, to demonstrate how the spaces of squatting can be transformed by migrants. With contributions from

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scholars, scholar-activists, and activists,
this book provides unique insights into how
squatting has offered an alternative to
dominant anti-immigrant policies, and the
implications of squatting on the social
acceptance of migrants. It illustrates the
different mechanisms of protest followed
in solidarity by migrant squatters and

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Social Center activists, when discrimination comes from above or below, and explores how can different spatialities be conceived and realized by radical practices. Contributions adopt a variety of perspectives, from critical human geography, social movement studies, political sociology, urban

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anthropology, autonomous Marxism, feminism, open localism, anarchism and post-structuralism, to analyze and contextualize migrants and squatters' exclusion and social justice issues. This book is a timely and original contribution through its exploration of migrations, squatting and radical autonomy.

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Ideological debates about economics and aesthetics raged hotly in nineteenth-century France. French political economy was taking shape as a discipline that would support free-market liberalism, while l'art pour l'art theories circulated, and utopian systems with aesthetic and economic agendas proliferated. Yet, as this book

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argues, the discourses of art and literature worked in tandem with market discourses to generate theories of economic and social order, of the model of the self-individuating and desiring subject of modernity, and of this individual's relationship to a new world of objects. Baudelaire as a poet and art critic is

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exemplary: Rather than a disaffected artist, Baudelaire is shown to be a spectator desirous of both art and goods whose sensibilities reflect transformations in habits of perception. The book includes chapters on equilibrium and utility in economic and aesthetic theory, on the place of the aesthetic in press coverage of

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the industrial exhibitions, on the harmonic theories of Baudelaire's early art criticism, aimed at a bourgeois audience, on Baudelaire's radical cosmopolitanism learned through viewing "objects" on display at the Universal Exhibition of 1855, and on *Les Fleurs du Mal* and *Le Spleen de Paris*, where language makes

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visible the traits of a new material world.
L'autonomie de l'apprenant : La
perspective de l'enseignant Council of
Europe Autonomous Vehicle Technology A
Guide for Policymakers Rand Corporation
Political and Social Writings: Volume 3,
1961–1979 was first published in 1992.
Minnesota Archive Editions uses digital

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technology to make long-unavailable books
once again accessible, and are published
unaltered from the original University of
Minnesota Press editions. This work offers
an extraordinary wealth and variety of
writings from the crucial years that
followed the publication of Castoriadis's
landmark text, *Modern Capitalism and*

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Revolution. The "new orientation" he proposed for the Socialisme ou Barbarie group centered on the emerging roles of women, youth, and minorities in the growing challenge to established society in the early sixties. Resistance within the group to this new orientation led Castoriadis to criticize the "neopaleo-

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Marxism" of Jean-François Lyotard and others who ultimately left Socialisme ou Barbarie. A heightened concern for ethnological issues culminated in what might be called, to the embarrassment of today's "poststructuralists," Castoriadis's "premature antistructuralism." Additional texts examine the dissolution of the group

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itself and analyze the May 1968 rebellion of workers and students - who, according to their own testimony, were inspired by ideas developed in the group's journal.

Also included were many of Castoriadis's still-relevant political writings from the seventies, which were developed in tandem with the more explicitly philosophical

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work now found in The Imaginary
Institution of Society and Crossroads in the
Labyrinth. Political and Social Writings:
Volume 3 provides key elements for a
radical renewal of emancipatory thought
and action while offering an irreplaceable
and hitherto missing perspective on
postwar French thought.

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Autonomous Driving

Introduction to Autonomous Mobile
Robots, second edition

Trans-Historical Perspectives Beyond
Dance and Human Bodies in Motion
Proceedings of the 10th International
Robotic Sailing Conference

Toward a Practice of Autonomous Systems

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6th International Symposium, IMBSA
2019, Thessaloniki, Greece, October
16–18, 2019, Proceedings

Automated Driving Systems 2.0.

This book is designed to serve two purposes. First it provides an introduction to the ideas and works of Michel Foucault. It should be

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particularly appropriate for education
students for whom, in general,

Foucault is a shadowy presence.

Second, it provides a Foucault based
critique of a central plank of Western
liberal education, the notion of the
autonomous individual or personal
autonomy. There are several

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introductions to Foucault but they tend to be written from a particular theoretical position, or with a particular interest in Foucault's ideas and works. For example Smart (1986) and Poster (1984) exemplify the former, and Dreyfus and Rabinow (1983) the latter. There is no substantial work in

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education on Foucault, apart from Ball (1990), which is an edited collection of papers by educationalists. The writer started reading Foucault from a position in education which was in the liberal framework, somewhere between Dewey, Freire and Habermas, but with an interest in

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punishment, authority and power. The book is the outcome of several years of trying to introduce students in education to his ideas and works in an educationally relevant manner. But an introduction, on its own, cannot show this relevance to education. Unless his ideas are put to work, unless they are

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used as opposed to mentioned in
some sphere or area of education,
then they may be of little relevance.

A significant contribution to the
scientific foundation of autonomous
learning systems, this book contains
clear, up-to-date coverage of three
basic subtasks: active model

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abstraction, model application, and integration. It is the only textbook to offer a thorough discussion of active model abstraction.

Presents the work of Cornelius Castoriadis as an alternative to the arguably foreclosed and deterministic theoretical framework of Foucauldian

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poststructuralism.

The automotive industry appears close to substantial change engendered by “self-driving” technologies. This technology offers the possibility of significant benefits to social welfare—saving lives; reducing crashes, congestion, fuel

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consumption, and pollution; increasing mobility for the disabled; and ultimately improving land use. This report is intended as a guide for state and federal policymakers on the many issues that this technology raises.

The Leader

A Guide for Policymakers

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Cultural Autonomy in Contemporary
Europe

Recommencing the Revolution
Autonomous Learning from the
Environment

Dictionnaire Anglais Des Affaires, Du
Commerce Et de la Finance

A Critical Bibliography of French

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A classic in underwater robotics. One of the first volumes in the “Springer Tracts in Advanced Robotics” series, it has been a bestseller through the previous three editions. Fifteen years after

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the publication of the first edition,
the fourth edition comes to print.

The book addresses the main
control aspects in underwater
manipulation tasks. With respect to
the third edition, it has been
revised, extended and some

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concepts better clustered. The mathematical model with significant impact on the control strategy is discussed. The problem of controlling a 6-degrees-of-freedoms autonomous underwater vehicle is investigated and a survey of fault

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detection/tolerant strategies for unmanned underwater vehicles is provided. Inverse kinematics, dynamic and interaction control for underwater vehicle-manipulator systems are then discussed. The code used to generate most of the

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numerical simulations is made
available and briefly discussed.

This book introduces concepts in
mobile, autonomous robotics to
3rd-4th year students in Computer
Science or a related discipline. The
book covers principles of robot

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motion, forward and inverse kinematics of robotic arms and simple wheeled platforms, perception, error propagation, localization and simultaneous localization and mapping. The cover picture shows a wind-up toy

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that is smart enough to not fall off a table just using intelligent mechanism design and illustrate the importance of the mechanism in designing intelligent, autonomous systems. This book is open source, open to contributions, and released

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under a creative common license.
The Fifth International Symposium
on Distributed Autonomous Robotic
Systems (DARS 2000) dealt with
new strategies to realize complex,
modular, robust, and fault-tolerant
robotic systems. Technologies,

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algorithms, and system architectures for distributed autonomous robotic systems were presented and discussed during the meeting. DARS 2000 was truly an international event, with participants representing eleven countries from

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Europe, Asia, and the Americas. All of the papers in this volume were presented at DARS 2000, and were selected on the basis of peer reviews to ensure quality and relevance. These papers have the common goal of contributing

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solutions to realize robust and intelligent multirobot systems. The topics of the symposium address a wide range of issues that are important in the development of decentralized robotic systems. These topics include architectures,

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communication, biological
inspirations, reconfigurable robots,
localization, exploration and
mapping, distributed sensing, multi
robot motion coordination, tar get
assignment and tracking, multirobot
learning, and cooperative object

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transport. DARS clearly requires a broad area of interdisciplinary technologies related not only to robotics and computer engineering, but also to biology and psychology. The DARS symposium is the leading established conference on

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distributed autonomous systems.
The First, Second, and Third
International Symposia on Distributed Autonomous Robotic Systems (DARS '92, DARS '94, and DARS '96) were held at the Institute of Physical and Chemical Research

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(RIKEN), Saitama, Japan.

The two volume set LNAI 10984
and LNAI 10985 constitutes the
refereed proceedings of the 11th
International Conference on
Intelligent Robotics and
Applications, ICIRA 2018, held in

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Newcastle, NSW, Australia, in August 2018. The 81 papers presented in the two volumes were carefully reviewed and selected from 129 submissions. The papers in the first volume of the set are organized in topical sections on

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multi-agent systems and distributed control; human-machine interaction; rehabilitation robotics; sensors and actuators; and industrial robot and robot manufacturing. The papers in the second volume of the set are organized in topical sections on

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***What would happen if pleasure
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**pleasure ruled over all? Radical
French libertines experimented**

**clandestinely with this idea during
the Enlightenment. In explicit
novels, dialogues, poems, and
engravings, they wrenched
pleasure free from religion and
morality, from politics, aesthetics,**

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***anatomy, and finally reason itself,
and imagined how such a world
would be desirable, legitimate,
rapturous—and potentially horrific.
Laying out the logic and willful
illogic of radical libertinage, this
book ties the Enlightenment
engagement with sexual license to***

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***the expansion of print, empiricism,
the revival of skepticism, the
fashionable arts and lifestyles of
the Ancien Régime, and the rise and
decline of absolutism. It examines
the consequences of imagining
sexual pleasure as sovereign power
and a law unto itself across a range***

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*of topics, including sodomy, the
science of sexual difference,*

*political philosophy, aesthetics, and
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radical claims for pleasure in earlier
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*Dr. Greg Zacharias, former Chief
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Rapid advances in AS development
and artificial intelligence (AI)
research will change how we think*

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about machines, whether they are individual vehicle platforms or networked enterprises. The payoff will be considerable, affording the US military significant protection for aviators, greater effectiveness in employment, and unlimited opportunities for novel and

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rich, but sadly
neglected tradition of
thought on non-
territorial cultural
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by the work of Karl
Renner and Otto Bauer
and the European
Nationalities Congress
of the 1920s. Through a
combination of
theoretical analysis and

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case study approaches,
the authors challenge
conventional thinking on
how best to reconcile
competing claims over
territory and cultural
expression. Drawing upon

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a range of examples from
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countries such as

Russia, Romania and

Hungary, and by

comparing the situation

of territorially-based

ethnic minorities with

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those - principally the
Roma - who lack

identification with a
given state or states,
the authors of this
volume seek to supply
answers and question

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