1. Record Nr. UNICAMPANIAVAN0278453

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| Autore | Lee, Hong-Gi |
| Titolo | Linearization of Nonlinear Control Systems / Hong-Gi Lee |
| Pubbl/distr/stampa | Singapore, : Springer, 2022 |
| Descrizione fisica | xiii, 589 p. : ill. ; 24 cm |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

2. Record Nr. UNINA9910298432503321

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|---|---|
| Titolo | Memory and Learning in Plants / / edited by Frantisek Baluska, Monica Gagliano, Guenther Witzany |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018 |
| ISBN | 3-319-75596-X |
| Edizione | [1st ed. 2018.] |
| Descrizione fisica | 1 online resource (223 pages) |
| Collana | Signaling and Communication in Plants, , 1867-9048 |
| Disciplina | 581 |
| Soggetti | Plant physiology<br>Behavioral sciences<br>Botanical chemistry<br>Plant ecology<br>Plant genetics<br>Plant Physiology<br>Behavioral Sciences<br>Plant Biochemistry<br>Plant Ecology<br>Plant Genetics and Genomics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

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| Nota di contenuto | Chapter 1: Memory and Learning as Key Competences of Living Organisms -- Chapter 2: Deweyan Psychology in Plant Intelligence Research: Transforming Stimulus and Response -- Chapter 3: General Issues in Cognitive Analysis of Plant Learning and Intelligence -- Chapter 4: Plant Cognition and Behavior: From Environmental Awareness to Synaptic Circuits Navigating Root Apices -- Chapter 5: Role of Epigenetics in Transgenerational Changes - Genome Stability in Response to Plant Stress -- Chapter 6: Origin of Epigenetic Variation in Plants: Relationship with Genetic Variation and Potential Contribution to Plant Memory -- Chapter 7: Plant Accommodation to their Environment - The Role of Specific Forms of Memory -- Chapter 8: Memristors and Electrical Memory in Plants -- Chapter 9: Toward Systemic View for Plant Learning - Ecophysiological Perspective -- Chapter 10: Mycorrhizal Networks Facilitate Tree Communication, Learning and Memory -- Chapter 11: Inside the Vegetal Mind: on the Cognitive Abilities of Plants. |
| Sommario/riassunto | This book assembles recent research on memory and learning in plants. Organisms that share a capability to store information about experiences in the past have an actively generated background resource on which they can compare and evaluate coming experiences in order to react faster or even better. This is an essential tool for all adaptation purposes. Such memory/learning skills can be found from bacteria up to fungi, animals and plants, although until recently it had been mentioned only as capabilities of higher animals. With the rise of epigenetics the context dependent marking of experiences on the genetic level is an essential perspective to understand memory and learning in organisms. Plants are highly sensitive organisms that actively compete for environmental resources. They assess their surroundings, estimate how much energy they need for particular goals, and then realize the optimum variant. They take measures to control certain environmental resources. They perceive themselves and can distinguish between ‘self’ and ‘non-self’. They process and evaluate information and then modify their behavior accordingly. The book will guide scientists in further investigations on these skills of plant behavior and on how plants mediate signaling processes between themselves and the environment in memory and learning processes. |

3. Record Nr. UNICAMPANIAVAN00124616

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| Autore | Jarrow, Robert A. |
| Titolo | Continuous-Time Asset Pricing Theory : A Martingale-Based Approach / Robert A. Jarrow |
| Pubbl/distr/stampa | Cham, : Springer, 2018 |
| Titolo uniforme | Continuous-Time Asset Pricing Theory |
| Descrizione fisica | xxiii, 448 p. ; 24 cm |
| Soggetti | 49Kxx - Optimality conditions [MSC 2020]<br>60Gxx - Stochastic processes [MSC 2020]<br>90Cxx - Mathematical programming [MSC 2020]<br>91G30 - Interest rates, asset pricing, etc. (stochastic models) [MSC 2020] |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |