1. Record Nr. UNINA9910156520103321

Autore	Buzsáki György
Titolo	Micro-, Meso- and Macro-Dynamics of the Brain [[electronic resource] /] / edited by György Buzsáki, Yves Christen
Pubbl/distr/stampa	Cham, : Springer Nature, 2016 Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-28802-4
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIII, 172 p. 33 illus., 30 illus. in color.)
Collana	Research and Perspectives in Neurosciences, , 0945-6082
Disciplina	612.8
Soggetti	Neurosciences Neurology Psychiatry Neurology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Hippocampal mechanisms for the segmentation of space by goals and boundaries -- Cortical Evolution: Introduction to the Reptilian Cortex -- Flow of information underlying a tactile decision in mice -- The Visual Brain: Computing through Multiscale Complexity -- Grid cells and spatial maps in entorhinal cortex and hippocampus -- The striatum and decision-making based on value -- Decoding the dynamics of conscious perception: The temporal generalization method -- Sleep and synaptic down-selection -- Federating and integrating what we know about the brain at all scales - a challenge for the future. Computer science meets the clinical neurosciences.
Sommario/riassunto	How does the brain orchestrate perceptions, thoughts, and actions from the activity of its neurons? Addressing these challenging issues requires methods with sufficiently high temporal and spatial resolution of neuronal activity in both local and global networks as well as theories to advance understanding how different levels of brain dynamics interact. This book brings together leading investigators who represent various aspects of brain dynamics with the goal of presenting state-of-the-art current progress and address future developments.

	The topics cover the most fascinating facets of neuroscience from elementary computation of neurons, mesoscopic network oscillations, internally generated assembly sequences in the service of cognition, large-scale neuronal interactions within and across systems, the impact of sleep on cognition, memory and mental illness, brain controlled robots, motor-sensory integration, spatial navigation, large-scale computation and consciousness. Overall, this volume offers an integrated view of the challenges and opportunities in deciphering brain circuits in health and disease. 2FI0208.

2.

Record Nr.	UNINA9910157843103321
Autore	Turri
Titolo	Ad Infinitum : new essays on epistemological infinitism / / edited by John Turri and Peter D. Klein
Pubbl/distr/stampa	Oxford : , : Oxford University Press, , 2014
ISBN	0-19-177937-7
Descrizione fisica	1 online resource (vi, 262 pages) : illustrations
Disciplina	121
Soggetti	Knowledge, Theory of Infinite
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Knowing better, cognitive command, and epistemic infinitism / Scott F. Aikin -- Klein and the regress argument / Michael Bergmann -- Reasons require reasons / Andrew D. Cling -- Infinitism / Richard Fumerton -- Virtue and vice among the infinite / Michael Huemer -- Reasons, reasoning, and knowledge: a proposed rapprochement between infinitism and foundationalism / Peter D. Klein -- Infinitist justification and proper basing / Jonathan J. Kvanvig -- Klein's case for infinitism / Ram Neta -- Can an infinite regress justify everything? / Jeanne Peijnenburg and David Atkinson -- Can perception halt the regress of justifications? / Michael Rescorla -- Infinitism / Ernest Sosa -- Creative reasoning / John Turri -- Avoiding the regress / Michael Williams -- First person and third person reasons and the regress

problem / Linda Zagzebski.

Sommario/riassunto

This volume presents new work on infinitism, the view that there are no foundational reasons for beliefs-an ancient view in epistemology, now growing again in popularity. Leading epistemologists illuminate its strengths and weaknesses, and address questions new and old about justification, reasoning, responsibility, disagreement, and trust.