



The adaptive brain I.

Grossberg, Stephen (1939-)

North-Holland ;
Sole distributors for the U.S.A. and Canada, Elsevier Science Pub. Co.,
1987

Electronic books

Monografía

THE ADAPTIVE BRAIN I

<https://rebiunoda.pro.baratznet.cloud:38443/OpacDiscovery/public/catalog/detail/b2FpOmNlbgVlcmF0aW9uOmVzLmJhemF0ei5yZW4vMjZzNzg1NDI>

Título: The adaptive brain I. Cognition, learning, reinforcement, and rhythm [electronic resource] edited by Stephen Grossberg

Edición: 2nd ed

Editorial: Amsterdam New York North-Holland New York, N.Y., U.S.A. Sole distributors for the U.S.A. and Canada, Elsevier Science Pub. Co. 1987

Descripción física: 1 online resource (519 p.)

Variantes del título: Adaptive brain 1 Adaptive One Cognition, learning, reinforcement, and rhythm

Mención de serie: Advances in psychology 42

Nota general: Description based upon print version of record

Bibliografía: Includes bibliographical references and indexes

Contenido: Front Cover; The Adaptive Brain I: Cognition, Learning, Reinforcement, and Rhythm; Copyright Page; TABLE OF CONTENTS; CHAPTER 1: A PSYCHOPHYSIOLOGICAL THEORY OF REINFORCEMENT, DRIVE, MOTIVATION, AND ATTENTION 1; 1. Introduction; 2. Buffer the Learning Cells; 3. A Digression on Classical Conditioning; 4. Motor Synergies as Evolutionary Invariants; 5. A Thought Experiment: The Synchronization Problem of Classical Conditioning; 6. Some Experimental Connections; 7. Conditioned Arousal; 8. Secondary Reinforcers; 9. Minimal Network Realization of Conditioned Nonspecific Arousal 10. Secondary Conditioning: A Principle of Equivalence for the Anatomy of CS and UCS11. Are Drives Energizers or Sources of Information?; 12. External Facts versus Internal Demands; 13. Internal Facts versus External Demands: Existence of Homeostatic, or Drive, Inputs; 14. Conditioned Reinforcers, Drives, Incentive Motivation, and Habits 21; 15. Comparison with Hullian Concepts; 16. Data on Conditioned Reinforcers and Drives; 17. Data on Reinforcement; 18. Data on Self-Stimulation; 19. Reinforcement Without Drive Reduction; 20. Go Mechanism, Amplifiers, Now Print 21. Data on Incentive Motivation22. Secondary Reinforcement and Hull's

Paradox; 23. Late Nonspecific Potential Shifts; 24. An Emergent Neocortical Analog; 25. Motivational Set: Is Incentive Motivation Conditionable?; 26. Distinct Cortical Recurrent Loops for STM and LTM; 27. Motivation-Dependent Responses to Sensory Cues: Multiple Sensory Representations or Developmental Competition for Synaptic Sites?; 28. Sensory-Drive Hierarchy: Competitive Decisions After Drives and Conditioned Reinforcers Interact 29. Differential Effects of Drive and Reinforcement on Learning Rate versus Performance Speed 30. Drives and Reinforcers: Multiplicative, Additive, or Neither?; 31. Suppression by Punishment; 32. Antagonistic Rebound and Learned Avoidance; 33. Slowly Accumulating Transmitter Gates in Tonically Aroused Competing Channels Cause Antagonistic Rebound; 34. Dipole Fields in Motivational Processing by the Hippocampal-Hypothalamic Axis; 35. Some Pharmacological and Physiological Correlates of Motivational Dipole Fields; 36. Competition, Normalization, and STM Among 60 Sensory Representations 37. Attention and the Persistence Paradox of 62 Parallel Processing 38. Sensory Incentive versus Motor Incentive: The Hippocampus as a Cognitive Map; 39. Expectancy Matching and Attentional Reset: Unblocking and Dishabituation; 40. Concluding Remarks; References; CHAPTER 2: SOME PSYCHOPHYSIOLOGICAL AND PHARMACOLOGICAL CORRELATES OF A DEVELOPMENTAL, COGNITIVE, AND MOTIVATIONAL THEORY; PART I; 1. Introduction: Self-Organizing Internal Representations; 2. The Stability-Plasticity Dilemma in Adult Perception; 3. Critical Period Termination and Cholinergic- Catecholaminergic Interactions 4. Hypothesis Testing and Error Correction in a Fluctuating Environment

Lengua: English

ISBN: 1-281-79787-1 9786611797874 0-08-086696-4

Materia: Neuropsychology Brain- Adaptation Cognition Higher nervous activity

Autores: Grossberg, Stephen (1939-)

Enlace a formato físico adicional: 0-444-70117-6

Punto acceso adicional serie-Título: Advances in psychology (Amsterdam, Netherlands) 42

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es