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Nota di contenuto	Anticipatory Behavior: Exploiting Knowledge About the Future to Improve Current Behavior -- Philosophical Considerations -- Whose Anticipations? -- Not Everything We Know We Learned -- From Cognitive Psychology to Cognitive Systems -- Anticipatory Behavioral Control -- Towards a Four Factor Theory of Anticipatory Learning -- Formulations, Distinctions, and Characteristics -- Internal Models and

Anticipations in Adaptive Learning Systems -- Mathematical Foundations of Discrete and Functional Systems with Strong and Weak Anticipations -- Anticipation Driven Artificial Personality: Building on Lewin and Loehlin -- A Framework for Preventive State Anticipation -- Symbols and Dynamics in Embodied Cognition: Revisiting a Robot Experiment -- Systems, Evaluations, and Applications -- Forward and Bidirectional Planning Based on Reinforcement Learning and Neural Networks in a Simulated Robot -- Sensory Anticipation for Autonomous Selection of Robot Landmarks -- Representing Robot-Environment Interactions by Dynamical Features of Neuro-controllers -- Anticipatory Guidance of Plot -- Exploring the Value of Prediction in an Artificial Stock Market -- Generalized State Values in an Anticipatory Learning Classifier System.