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Nota di contenuto	Intro -- Preface -- Organization -- Abstracts of Keynote and Invited Talks -- Tactile Situations: A Basis for Manual Intelligence and Learning -- Brain-like Perception and Cognition: Challenges and Thinking -- Dealing with Concept Drifts in Data Streams -- A Novel Bionic Imaging and Its Intelligent Processing -- Skill Learning in Dynamic Scene for Robot Operations -- Emerging Artificial Intelligence Technologies in Healthcare -- Memory Cognition -- Contents -- Brain Cognition -- Mouse-Brain Topology Improved Evolutionary Neural Network for Efficient Reinforcement Learning -- 1 Introduction -- 2 Related Works -- 3 Methods -- 3.1 The Allen Mouse Brain Atlas -- 3.2 The Clustered Hierarchical Circuits -- 3.3 The Neuron Model -- 3.4 Coping the Biological Circuits to Artificial Ones -- 3.5 The Network Learning -- 4 Experiments -- 4.1 The Clustered Brain Regions -- 4.2 The Network Topology from Biological Mouse Brain -- 4.3 Results with Circuit-46 and Random Networks -- 4.4 Result Comparison with Different Algorithms -- 5 Discussion -- References -- DNM-SNN: Spiking Neural Network Based on Dual Network Model -- 1 Introduction -- 2 Methods -- 2.1 Traditional SNN Supervised Learning Algorithm Framework and Its Limitations -- 2.2 Proposed Dual-Model Spike Network Supervised Learning Algorithm -- 2.3 Proposed Multi-channel Mix Module Prediction Method -- 2.4 The Chosen Network Model -- 2.5

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