1. Record Nr. UNISA996466301803316 Artificial Neural Networks and Machine Learning – ICANN 2019: Titolo Theoretical Neural Computation [[electronic resource]]: 28th International Conference on Artificial Neural Networks, Munich, Germany, September 17–19, 2019, Proceedings, Part I / / edited by Igor V. Tetko, Vra Krková, Pavel Karpov, Fabian Theis Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2019 3-030-30487-6 **ISBN** Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (XXX, 839 p. 372 illus., 242 illus. in color.) Theoretical Computer Science and General Issues, , 2512-2029;; Collana 11727 Disciplina 006.31 Soggetti Artificial intelligence Computer vision Computer engineering Computer networks Algorithms Data protection Artificial Intelligence **Computer Vision** Computer Engineering and Networks Computer Communication Networks Data and Information Security Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bidirectional associative memory with block coding: A comparison of Nota di contenuto iterative retrieval methods -- Stability analysis of a generalised class of BAM neural networks with mixed delays -- Dissipativity Analysis of a Class of Competitive Neural Networks with Proportional Delays -- A Nonlinear Fokker-Planck Description of Continuous Neural Network

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Neural Networks Evolved to Recognize Temporal Patterns -- Estimating and factoring the dropout induced distribution with Gaussian mixture model -- Sequence disambiguation with synaptic traces in associative neural networks -- Robust Optimal-Size Implementation of Finite State Automata with Synfire Ring-Based Neural Networks -- A Neural Circuit Model of Adaptive Robust Tracking Control for Continuous-Time Nonlinear Systems.

Sommario/riassunto

The proceedings set LNCS 11727, 11728, 11729, 11730, and 11731 constitute the proceedings of the 28th International Conference on Artificial Neural Networks, ICANN 2019, held in Munich, Germany, in September 2019. The total of 277 full papers and 43 short papers presented in these proceedings was carefully reviewed and selected from 494 submissions. They were organized in 5 volumes focusing on theoretical neural computation; deep learning; image processing; text and time series; and workshop and special sessions.