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Class-aware Information Granulation for Graph Embedding and Classication -- Near Optimal Solving of the (N2–1)-Puzzle using Heuristics based on Articial Neural Networks -- Deep Convolutional Neural Network Processing of Images for Obstacle Avoidance -- CVaR Q-learning -- Rule Extraction from Neural Networks and Other Classiers Applied to XSS Detection -- Introduction to Sequential Heteroscedastic Probabilistic Neural Networks.

Sommario/riassunto	This present book includes a set of selected revised and extended versions of the best papers presented at the 11th International Joint Conference on Computational Intelligence (IJCCI 2019) – held in Vienna, Austria, from 17 to 19 September 2019. The authors focus on three outstanding fields of Computational Intelligence through the selected panel, namely Evolutionary Computation, Fuzzy Computation and Neural Computation. Besides presenting the recent advances of the selected areas, the book aims to aggregate new and innovative solutions for confirmed researchers and, on the other hand, to provide a source of information and/or inspiration for young interested researchers or learners in the ever-expanding and current filed of Computational Intelligence. It constitutes a precious provision of knowledge for individual researchers as well as represents a valuable sustenance for collective use in academic libraries (of universities and engineering schools) relating innovative techniques invarious fields of applications.