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Nota di contenuto	Theoretical Foundations and Models -- Learning and Adaptation -- Self-organizing Networks, Methods and Applications -- Fuzzy Systems -- Evolutionary Computation and Genetic Algorithms -- Pattern Recognition -- Formal Languages in Linguistics -- Agents and Multi-agent on Intelligent Systems -- Brain-Computer Interface (BCI) -- Multiobjective Optimization -- Robotics -- Bioinformatics -- Biomedical Applications -- Ambient Assisted Living (AAL) and Ambient Intelligence (AI) -- Other Applications.
Sommario/riassunto	This book constitutes the refereed proceedings of the 10th International Work-Conference on Artificial Neural Networks, IWANN 2009, held in Salamanca, Spain in June 2009. The 167 revised full

papers presented together with 3 invited lectures were carefully reviewed and selected from over 230 submissions. The papers are organized in thematic sections on theoretical foundations and models; learning and adaptation; self-organizing networks, methods and applications; fuzzy systems; evolutionary computation and genetic algorithms; pattern recognition; formal languages in linguistics; agents and multi-agent on intelligent systems; brain-computer interfaces (bci); multiobjective optimization; robotics; bioinformatics; biomedical applications; ambient assisted living (aal) and ambient intelligence (ai); other applications.

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