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agent on Intelligent Systems -- Brain-Computer Interface (BCI) -- Multiobjetive 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); multiobjetive optimization; robotics; bioinformatics; biomedical applications; ambient assisted living (aal) and ambient intelligence (ai); other applications.
