1. Record Nr. UNISA996200359903316 Progress in Artificial Intelligence [[electronic resource]]: 17th **Titolo** Portuguese Conference on Artificial Intelligence, EPIA 2015, Coimbra, Portugal, September 8-11, 2015. Proceedings / / edited by Francisco Pereira, Penousal Machado, Ernesto Costa, Amílcar Cardoso Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2015 **ISBN** 3-319-23485-4 Edizione [1st ed. 2015.] Descrizione fisica 1 online resource (XXVI, 811 p. 213 illus.) Collana Lecture Notes in Artificial Intelligence; ; 9273 Disciplina 006.3 Soggetti Artificial intelligence Application software Computer simulation Optical data processing Data mining Database management Artificial Intelligence Information Systems Applications (incl. Internet) Simulation and Modeling Computer Imaging, Vision, Pattern Recognition and Graphics Data Mining and Knowledge Discovery **Database Management** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Nota di contenuto Ambient Intelligence and Affective Environments -- Defining Agents' Behaviour for Negotiation Contexts -- Improving User Privacy and the Accuracy of User Identification in Behavioral Biometrics -- Including Emotion in Learning Process -- Ambient Intelligence: Experiments on Sustainability Awareness -- Artificial Intelligence in Medicine Reasoning with Uncertainty in Biomedical Models -- Smart environments and context-awareness for lifestyle management in a healthy active ageing

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Sommario/riassunto

This book constitutes the refereed proceedings of the 17th Portuguese Conference on Artificial Intelligence, EPIA 2015, held in Coimbra, Portugal, in September 2015. The 45 revised full papers presented together with 36 revised short papers were carefully reviewed and selected from a total of 131 submissions. EPIA 2015, following the standard EPIA format, covers a wide range of AI topics as follows: ambient intelligence and affective environments, artificial Intelligence in medicine, artificial intelligence in transportation systems, artificial life and evolutionary algorithms, computational methods in bioinformatics and systems biology, general artificial intelligence, intelligent information systems, intelligent robotics, knowledge discovery and business intelligence, multi-agent systems: theory and applications, social simulation and modelling, text mining and applications.