



Constructing Ambient Intelligence

By Heinz Gerhäuser

Springer-Verlag Gmbh Jan 2010, 2010. Taschenbuch. Book Condition: Neu. 243x155x10 mm. Neuware - Ambient intelligence (Aml) was established in the late 1990s as a recent paradigm for electronic environments for the timeframe of 2010-2020. Aml is essentially an elaboration of Mark Weiser's vision of ubiquitous computing. Weiser was aiming at a novel mobile computing infrastructure integrated into the networked environment of people. Aml is the idea of a technology that will become invisibly embedded in our natural surroundings, present whenever we need it, enabled by simple and effortless interaction, attuned to all our senses, adaptive to users, context-sensitive, and autonomous. Aml refers to smart electronic environments that are sensitive and responsive to the presence of people. Since its adoption the vision has grown and fully developed, becoming quite influential in the development of novel ideas for information processing and new concepts for multi-disciplinary fields including electrical engineering, computer science, industrial design, user interfaces, and cognitive sciences. The Aml system forms a basis for new paradigms of technological innovation within a multi-dimensional society. The added value of the Aml vision is the fact that the large-scale integration of electronics into the environment allows the actors, i. e....



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