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Nota di contenuto	Smart Homes Can Be Smarter -- Spatiotemporal Reasoning for Smart Homes -- Temporal Constraints with Multiple Granularities in Smart Homes -- Causal Reasoning for Alert Generation in Smart Homes -- Plans and Planning in Smart Homes -- Temporal Data Mining for Smart Homes -- Cases, Context, and Comfort: Opportunities for Case-Based Reasoning in Smart Homes -- Application of Decision Trees to Smart Homes -- Artificial Neural Networks in Smart Homes -- A Multi-agent Approach to Controlling a Smart Environment.
Sommario/riassunto	The area of smart homes is fast developing as an emergent area which attracts the synergy of several areas of science. This volume offers a collection of contributions addressing how artificial intelligence (AI), one of the core areas of computer science, can bring the growing area of smart homes to a higher level of functionality where homes can truly realize the long standing dream of proactively helping their inhabitants in an intelligent way. After an introductory section to describe a smart home scenario and to provide some basic terminology, the following 9 sections turn special attention to a particular exemplar application

scenario (provision of healthcare and safety related services to increase the quality of life) exploring the application of specific areas of AI to this scenario.
