

1. Record Nr.	UNINA9910792713003321
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Titolo	Advanced technology for smart buildings // James Sinopoli
Pubbl/distr/stampa	Boston : , : Artech House, , [2016] [Piscataqay, New Jersey] : , : IEEE Xplore, , [2016]
ISBN	1-63081-372-9
Descrizione fisica	1 online resource (202 pages) : illustrations
Collana	Artech House power engineering library
Disciplina	720.105
Soggetti	Architecture - Technological innovations Intelligent buildings Smart structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. The Role of Owners and Architects in a Smart Building -- 1.1. Design Teams -- 1.2. Facility Programming -- 1.3. Siting the Building -- 1.4. Materials --
Sommario/riassunto	Authored by an accredited expert in the field, this timely new resource introduces technologies that can be used for advanced smart buildings, including renewable power, communications, indoor positioning, security management, and control systems. This book speaks to the innovation of advanced technology, particularly information technology within the building industry today and explores the potential benefits and issues with advanced technology and its applications and presents practical real-world case studies. This book demonstrates that the penetration of information technology in the building industry is a long term, major development that will affect homes, offices, and other buildings. Smart technology will impact the automation and communications in existing and new building systems.