1. Record Nr. UNINA9910407726503321 Autore Chen Tin-Chih Toly Titolo 3D Printing and Ubiquitous Manufacturing / / by Tin-Chih Toly Chen Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2020 3-030-49150-1 **ISBN** Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (98 pages) SpringerBriefs in Applied Sciences and Technology, , 2191-530X Collana Disciplina 621.988 Soggetti Manufactures Application software Computer engineering Internet of things Embedded computer systems Computer simulation User interfaces (Computer systems) Manufacturing, Machines, Tools, Processes Information Systems Applications (incl. Internet) Cyber-physical systems, IoT Simulation and Modeling User Interfaces and Human Computer Interaction Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Ubiquitous Manufacturing (UM) -- 3D printing and UM -- 3D Printing-Nota di contenuto Based UM: Production Planning -- 3D Printing-Based UM: Control --3D Printing-Based UM: Quality Management. This book provides a thorough overview of the applications of 3D Sommario/riassunto printing technologies to ubiquitous manufacturing (UM). UM itself represents an application of ubiquitous computing in the manufacturing sector, and this book reveals how it offers convenient, on-demand network access to a shared pool of configurable manufacturing resources, including software tools, equipment, and capabilities. Given its scope, the book will be of considerable interest to researchers in the areas of manufacturing, mechanical engineering,

operations management, production control, ubiquitous computing, and sensor technologies, as well as practicing managers and engineers.