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Collana	Critical explorations Gale eBooks
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A review on fabricating procedures in rapid prototyping / Ganzi Suresh, K. L. Narayana -- Surface characterization in fused deposition modeling / Alberto Boschetto, Luana Bottini -- 3D printing and actor-network theory / Graham Harman -- Exploiting 3D medical equipment simulations to support biomedical engineering academic courses: design methodology and implementation in a small scale national project / Adam Damianakis [and 4 others] -- 2D and 3D visual attention for computer vision: concepts, measurement, and modeling / Vincent Ricordel [and 3 others] -- Integration of legal aspects in 3D cadastral systems / Mohamed Sobaih Aly El-Mekawy, Jesper M. Paasch, Jenny Paulsson -- Where is the missing matter?: a comment on "the essence" of additive manufacturing / Tihomir Mitev -- Laser additive manufacturing / Rasheedat M. Mahamood, Esther T. Akinlabi -- Laser metal deposition process / Rasheedat M. Mahamood -- Laser additive manufacturing in surface modification of metals / Rasheedat M. Mahamood, Mukul Shukla, Sisa Pityana -- Transiting between representation technologies and teaching/learning descriptive geometry: reflections in an architectural context / Janice de Freitas Pires, Luisa Dalla Vecchia, Adriane Almeida da Silva Borda -- Tool wear and surface integrity analysis of machined heat treated selective laser melted Ti-6Al-4V / Manikandakumar Shunmugavel [and 4 others] --

The use of the terrestrial photogrammetry in reverse engineering applications / Naci Yastikli [and 3 others] -- Fashion-technology and change in product development and consumption for the high-end menswear sector: a study utilizing a 3D-4C's process model / Frances Ross -- Should I try turning it off and on again?: outlining HCI challenges for cyber-physical production systems / Thomas Ludwig, Christoph Kotthaus, Volkmar Pipek -- Challenges of semantic 3D city models: a contribution of the COST research action TU0801 / Roland Billen [and 5 others] -- Curricular collaborations: using emerging technologies to foster innovative partnerships / Susan M. Ryan, W. Tandy Grubbs -- The importance of being honest: issues of transparency in digital visualization of architectural heritage / Stefano Brusaporci -- Computational design and built environments: the quest for an alternative role of the digital in architecture / Marco Filippucci, Fabio Bianconi, Stefano Andreani -- Towards ProGesture, a tool supporting early prototyping of 3D-gesture interaction / Birgit Bomsdorf, Rainer Blum, Daniel Kunkel.

Sommario/riassunto

"This book is a comprehensive reference source for the latest research and advances on 3D printing processes, technologies, and methods, highlighting emerging perspectives on manufacturing and industrial applications"--Provided by publisher.
