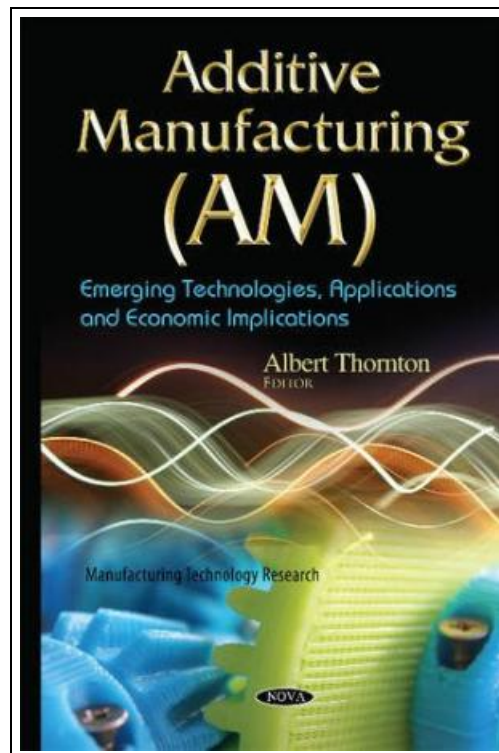


Additive Manufacturing (AM): Emerging Technologies, Applications & Economic Implications (Hardback)



Filesize: 2.89 MB

Reviews

This publication will be worth purchasing. It really is written in simple terms instead of difficult to understand. It has been designed in an exceptionally simple way and is particularly only right after I finished reading this ebook in which basically modified me, after the way I believe.

(Prof. Loyce Runolfsson Jr.)

ADDITIVE MANUFACTURING (AM): EMERGING TECHNOLOGIES, APPLICATIONS & ECONOMIC IMPLICATIONS (HARDBACK)



Nova Science Publishers Inc, United States, 2015. Hardback. Condition: New. UK ed. Language: English. Brand new Book. The introduction of additive manufacturing or 3D printing has brought about a whole new dimension of possibilities in manufacturing technology. This book includes research on powder-bed electron beam additive manufacturing (EBAM) which has the potential to offer innovative solutions to many challenges facing the manufacturing industry. The feasibility of the use of a 3D printer to recreate patient-specific anatomical modelling (in this case, of the pelvic rim) are also examined. A discussion on why the use of this technology to customise implants, plates and the operative procedure to a patient's unique anatomy leads to improved outcomes is led by the authors. The third chapter deals with selective laser melting (SML) and presents a review regarding the state-of-the-art mechanical performance of the SML manufactured titanium and aluminium alloys (due to wide demand of light-weight parts in the aerospace and automotive industries). The authors of the fourth chapter discuss the feasibility of mobile additive manufacturing systems powered by photovoltaic modules for different applications. The book concludes with a review on functionally graded materials (FGM), which can be produced by laser metal deposition, which belongs to the class of additive manufacturing. LMD is capable of producing three dimensional (3D) parts directly from the 3D image by adding materials layer by layer. In this chapter, laser metal deposition of titanium alloy composite are described and also characterised.



[Read Additive Manufacturing \(AM\): Emerging Technologies, Applications & Economic Implications \(Hardback\) Online](#)



[Download PDF Additive Manufacturing \(AM\): Emerging Technologies, Applications & Economic Implications \(Hardback\)](#)

Other PDFs



Features of the Optical Materials Modified with the Effective Nanoobjects: Bulk Properties & Interface (Paperback)

Nova Science Publishers Inc, United States, 2014. Paperback. Condition: New. UK ed. Language: English. Brand new Book. New effective nano-objects such as the fullerenes, carbon nanotubes, shungites, graphenes and quantum dots have been widely used...

[Save](#) [Book](#)

»



Dude! She's Got a Dick: She-Male Erotica (Paperback)

Createspace Independent Publishing Platform, United States, 2013. Paperback. Condition: New. Language: English. Brand new Book. In "Dude! She's Got A Dick," she-male erotica writer Blake Worthington combines thirteen stories from his previous collections "Tinseltown Tranny,"...

[Save](#) [Book](#)

»



That's Not the Monster We Ordered (Hardback)

Skyhorse Publishing, United States, 2016. Hardback. Condition: New. Richard Fairgray, Terry Jones (illustrator). Language: English. Brand new Book. The day the Turner family gets their very own monster is a momentous event in the neighborhood....

[Save](#) [Book](#)

»



Life's Healing Choices: Freedom from Your Hurts, Hang-ups, and Habits (Hardback)

SIMON & SCHUSTER, United States, 2007. Hardback. Condition: New. Language: English. Brand new Book. LIFE HAPPENS. Happiness and Healing are yours for the choosing. We've all been hurt by other people, we've hurt ourselves, and...

[Save](#) [Book](#)

»



The Startup Owner's Manual: The Step-By-Step Guide for Building a Great Company (Hardback)

K & S Ranch, United States, 2012. Hardback. Condition: New. Language: English. Brand new Book. Now a decade after the Four Steps to the Epiphany sparked the Lean Startup revolution, comes its sequel The Startup...

[Save](#) [Book](#)

»