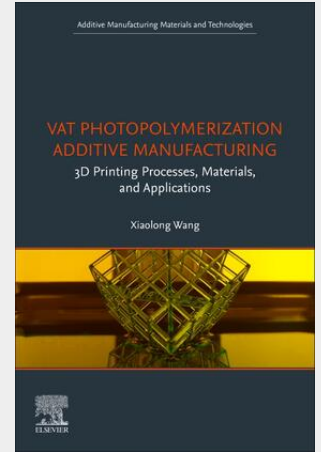


Wang

Vat Photopolymerization Additive Manufacturing

3D Printing Processes, Materials, and Applications

Vat Photopolymerization Additive Manufacturing: 3D Printing Processes, Materials, and Applications focuses on the cutting-edge vat polymerization additive manufacturing technology, as well as its associated materials and potential applications. The book is divided into four parts, with the first providing some foundational concepts about the technology as well as providing background on the different vat photopolymerization techniques, such as grayscale, volumetric, multiwavelength, two-photon, and more. The basic chemistry involved in the vat photopolymerization process is covered here as well, as is vat photopolymerization 3D printing of functional materials, including plastics, hydrogels, stimuli-responsive polymers, ceramics, various applications of the materials created, and future directions.



237,50 €

221,96 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780443154874

Medium: Buch

ISBN: 978-0-443-15487-4

Verlag: Elsevier Health Sciences

Erscheinungstermin: 19.04.2024

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2024

Produktform: Kartoniert

Gewicht: 450 g

Seiten: 518

Format (B x H): 152 x 229 mm

