Poprawe / Boucke / Hoffman

Tailored Light 1

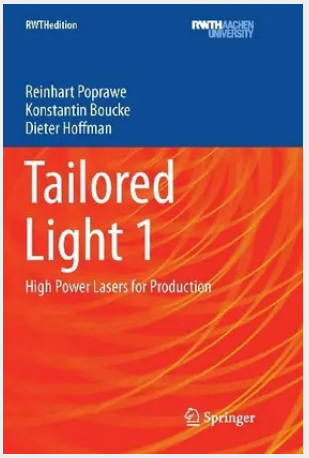
High Power Lasers for Production

The Laser world consists basically of two areas, which are necessary and in many cases also sufficient for effective innovation: The right laser for the right application. For the individual application that means the determination of optimized process parameters in terms of laser power, peak power/ intensity, focus geometry and dimension, pulse length, pulse repetition rate and wavelength to name only the six most important ones. Once these parameters are identified, the corresponding Laser has to be selected on the basis of commercial availability.

Obviously there is no such thing than "One Laser for all". The situation is rather comparable with electrical power, were depending on the demand of the application in terms of voltage, current and time corresponding power supplies need to be tailored, however, with the difference that in the case of the Laser the variety of parameters is even higher, thus the technology is more complex but on the other hand much more flexible in terms optimizing the source to the application.

As a consequence it is suggested to generate two volumes on Lasers and Applications named "Tailored Light".

Complete survey of all relevant highpower laser systemsFeatures principles, performance data, characteristics, beam quality



138,03 €
129,00 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783662585436
Medium: Buch
ISBN: 978-3-662-58543-6
Verlag: Springer
Erscheinungstermin: 29.12.2018
Sprache(n): Englisch
Auflage: Softcover Nachdruck of the original 1. Auflage 2018
Serie: RWTHedition
Produktform: Kartoniert
Gewicht: 417 g
Seiten: 260
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)