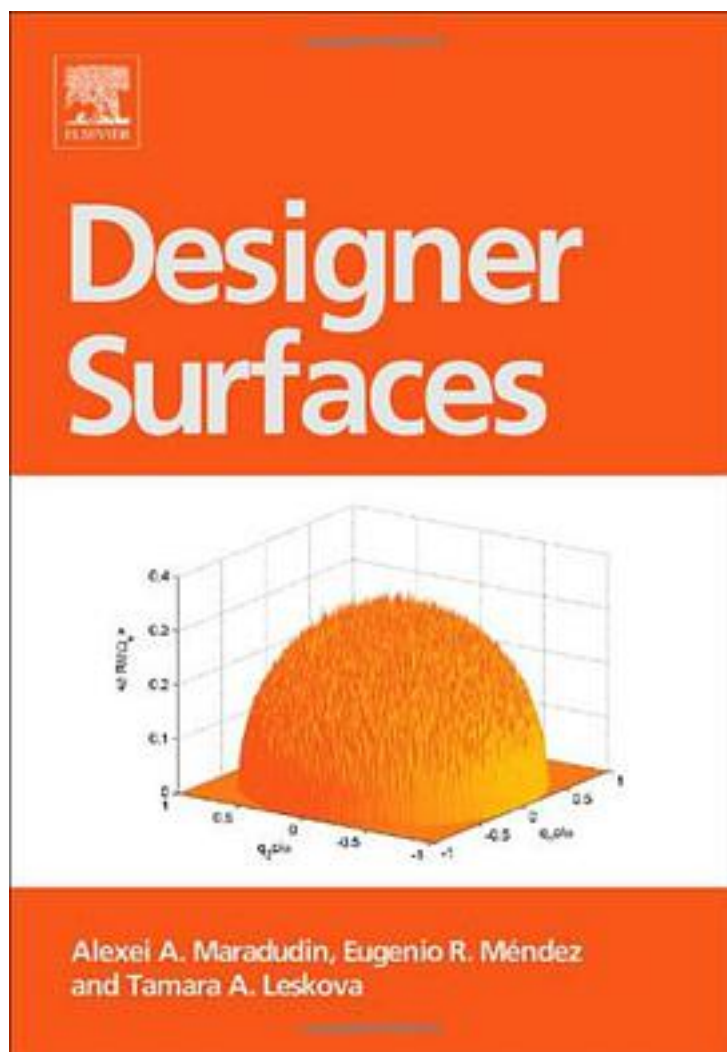


Designer Surfaces



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著者:Maradudin, Alexei A./ Mendez, Eugenio R./ Leskova, Tamara A.

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This book presents an approach to the design and fabrication of optical elements that are based on the use of one- or two-dimensional randomly rough surfaces to reflect or transmit light in specified ways. The reader is provided with an introduction to analytical methods for the solution of direct problems in rough surface scattering, and fabrication techniques. These can be useful in contexts outside the scope of this book. The advantages and disadvantages of this stochastic approach compared to the diffractive optics approach are discussed. Finally, experimental results that verify the predictions of the theories developed in this book are presented.

- authority of authors
- the only book on the topic
- derivations are given in detail, with many figures illustrating results

作者介绍:

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