

Shape Optimization by the Homogenization Method (Paperback)

By Gregoire Allaire

Springer-Verlag New York Inc., United States, 2010. Paperback. Condition: New. Language: English . Brand New Book ****** Print on Demand ******. This book provides an introduction to the theory and numerical developments of the homogenization method. It s main features are: a comprehensive presentation of homogenization theory; an introduction to the theory of two-phase composite materials; a detailed treatment of structural optimization by using homogenization; a complete discussion of the resulting numerical algorithms with many documented test problems. It will be of interest to researchers, engineers, and advanced graduate students in applied mathematics, mechanical engineering, and structural optimization. Softcover reprint of the original 1st ed. 2002.





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