## **Convex Models of Uncertainty in Applied Mechanics**

Yakov Ben-Haim Technion---Israel Institute of Technology

Isaac Elishakoff Florida Atlantic University

1990. xvii, 221 pages, Hardcover. ISBN 0-444-88406-8. Elsevier.

Chapter 1: Probabilistic Modelling: Pros and Cons Chapter 2: Mathematics of Convexity Chapter 3: Uncertain Excitations Chapter 4: Geometric Imperfections Chapter 5: Concluding Remarks

## From Reviews of Convex Models of Uncertainty in Applied Mechanics

"This book deals with a fundamental problem in Applied Mechanics and Engineering Sciences. ... This book is written with clarity and contains original and important results for the engineering sciences." Prof. P.D. Panagiotopoulous. Thessaloniki-Aachen. From *SIAM Review*.

"The book develops a novel idea. ... [T]he study can be an inspiration for further research, and provides excellent applications in design." Prof. Gundo A. Naiboli, Iowa State University. From *Applied Mechanics Reviews*.

"The book is clearly written and contains many examples illustrating convex modelling. ... This is a timely and welcome book." Prof. Kazimierz Sobczyk, Warsaw. From *Mathematical Reviews* 

"Their book is timely, even overdue, and should be widely welcomed. ... Their approach is novel and highly welcome. In my opinion, it is inevitable that it, and its extensions, will dominate the future practice of engineering." Prof.-Emeritus Rudolf F. Drenick, Polytechnic Institute of New York. From the Foreword.