

## LIST OF PUBLICATIONS

Isaac Elishakoff

### A. Theses:

- A.1 I. Elishakoff, *Random Vibrations of Multilayered Shells*, Thesis for the Degree of Master of Science, Dept. of Dynamics and Strength of Machines, Power Engineering Institute and State University, Moscow, Russia, Feb. 1968 (summa cum laude) (advisor: academician V.V. Bolotin).
- A.2 I. Elishakoff, *Vibrational and Acoustical Fields in the Circular Cylindrical Shells Excited by Random Loads*, Thesis for the Degree of Ph. D., Dept. of Dynamics and Strength of Machines, Power Engineering Institute and State University, Moscow, Russia, May 1971, (advisor: academician V.V. Bolotin).

### B. Books

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- B.5 S. T. Ariaratnam, Gerhart Schuëller and I. Elishakoff, (editors), *Stochastic Structural Dynamics-Progress in Theory and Applications*, Elsevier Applied Science Publishers, London, **1988**, XX + pp. 375; ISBN 1-85166-211-1.
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- B.9 Ahmed K. Noor, I. Elishakoff and Greg Hulbert, (editors), *Symbolic Computations and Their Impact on Mechanics*, ASME Press, New York, **1990**, XV + pp. 376; ISBN 0-7918-0598-0.
- B.10 David Hui and I. Elishakoff, (editors), *Impact and Buckling of Structures*, ASME Press, New York, **1990**, V + pp. 99; ISBN 0-7918-0589-1.
- B.11 Y.K. Lin and I. Elishakoff, (editors), *Stochastic Structural Dynamics 1-New Theoretical Developments*, Springer, Berlin, **1991**, XIII + pp. 346; ISBN 3-540-54167-5.
- B.12 I. Elishakoff and Y. K. Lin, (editors), *Stochastic Structural Dynamics 2 - New Applications*, Springer, Berlin, **1991**, XIII + pp. 351; ISBN 3-540-54168-3.
- B.13 Gabriel Cederbaum, I. Elishakoff, Jacob Aboudi and Liviu Librescu, *Random Vibration and Reliability of Composite Structures*, Technomic, Lancaster, **1992**, XIII + pp. 191; ISBN 0-87762-865-3.
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Academic Publishers, Dordrecht, **2004**, X + pp. 295; ISBN 1-4020-1779-0.

- B.21 I. Elishakoff, *Eigenvalues of Inhomogeneous Structures: Unusual Closed-Form Solutions of Semi-Inverse Problems*, CRC Press, Boca Raton, **2005**, XIV + pp. 729; ISBN 0-8493-2892-6.
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- B.25 I. Elishakoff and C. Soize (editors), *Non-Deterministic Mechanics*, Springer, Vienna, **2012**, II+ pp. 356, ISBN 978-3-7091-1305-9.
- B.26 I. Elishakoff, *Resolution of Twentieth Century Conundrum in Elastic Stability*, World Scientific/Imperial College Press, Singapore, **2014**; pp.333, ISBN 978-981-4583-53-4.
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- B.28 I. Elishakoff, *Probabilistic Methods in the Theory of Structures: Random Strength of Materials, Random Vibration, and Buckling*, World Scientific, Singapore, in press, ISBN 978-981-3149-84-7, **2016**.
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## C. Original Papers

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- C.18 I. Elishakoff, "Random vibrations of orthotropic plates with all edges clamped or simply supported," *Acta Mechanica*, 28, 165-176, 1977.
- C.19 I. Elishakoff and Mordechai Charmats, "Godunov-Conte method for solution of eigenvalue problems and its applications," *Journal of Applied Mechanics*, 44, 776-779, 1977.
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