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).
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B.1. I. Elishakoff, *Probabilistic Methods in the Theory of Structures*, Wiley-Interscience, New York, **1983**, XII + pp. 489; ISBN 0-471-87572.

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N. Challamel, T. Natsuki, Y.Y. Zhang, C.M. Wang and G. Ghyselinck, *Carbon Nanotubes and Nano Sensors: Vibrations, Buckling, and Ballistic Impact, ISTE-Wiley, London,* **2012**, XIII+pp.421; ISBN-978-1-84821-345-6.

- B.12 I. Elishakoff, *Resolution of Twentieth Century Conundrum in Elastic Stability*, World Scientific/Imperial College Press, Singapore, **2014**; XV+pp.333, ISBN 978-981-4583-53-4.
- B.13 I. Elishakoff, D. Pentaras and C. Gentilini, *Mechanics of Functionally Graded Material Structures*, World Scientific/Imperial College Press, Singapore; pp. 323, ISBN 978-981-4656-58-0, 2015.
- B.14 I. Elishakoff, Probabilistic Methods in the Theory of Structures: Random Strength of Materials, Random Vibration, and Buckling, World Scientific, Singapore, ISBN 978-981-3149-84-7, 2017.
- B.15 I. Elishakoff: Probabilistic Methods in the Theory of Structures: Solution Manual to Accompany Probabilistic Methods in the Theory of Structures: Problems with Complete, Worked Through Solutions, World Scientific, Singapore, ISBN 978-981-3201-10-1, 2018.
- B.16 I. Elishakoff, *Handbook on Timoshenko-Ehrenfest Beam and Uflyand-Mindlin Plate Theories*, World Scientific, Singapore, ISBN 978-981-3236-51-6, **2020.**
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He is also the editor or co-editor of following 14 books:

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B.20 I. Elishakoff and Horst Irretier, (editors), *Refined Dynamical Theories of Beams, Plates and Shells* and *their Applications*, Springer Verlag, Berlin, **1987**, XII + pp. 436; ISBN 3-540-17573-3.

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