

# *The Mechanical Foundations of Elasticity and Fluid Dynamics*

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*Dedicated to S. LEFSCHETZ*

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The MS was completed in midsummer 1949; while it has been thoroughly revised at intervals subsequently, the viewpoint, structure, and the principal contents are unchanged.

*Note added for the reprinting, 1954.* Extensive additions and some corrections for this paper appear in volume 2, pp. 593–616 (1953), and a few further misprints will be noted at the end of volume 3 (1954).