

Schwartz, Certain Applications of Integrals analogous to Potentials, Applications of Symmetric Equations, and Certain Applications of Singular Equations. Under these headings a great variety of problems is treated, ranging from air flow past airplane wings and buckling of plates and rods to the pressure of a rigid stamp on an elastic half-plane and torsional vibrations of square and other rods. In each case the treatment is comprehensive and self-contained and, wherever feasible, the calculations and estimations of errors are carried out.

On the literary side the translation is adequate though occasionally stilted. Mathematically speaking, it is rather poor. One may gloss over 'analytical functions', 'multi-connected regions' and 'curtail' (instead of 'truncate') but it is hard to believe that a mathematician of Mikhlin's stature could speak of 'an infinite region bounded by a closed smooth surface' (p. 169).

There are three pages of references which will be useful only to those with an access to a library containing a lot of Russian books and periodicals - the 'western' references are all antediluvian. In this connection one cannot but wonder about the reference [38] , p. 261, because the bibliography stops at number [35].

The typography and external appearance are excellent.

To sum up, a very useful book for applied elasticians and hydrodynamicists who can afford the price.

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A First Course in Statistics by Robert Loveday. Cambridge University Press, 1958 (The Macmillan Company of Canada Limited). xi + 121 pages. \$1.45.

The little book will be welcomed by students of a half year's course on the elements of statistics. It gives an introduction into some basic concepts, augmented by useful exercises. A glossary of terms at the end as well as a small table of logarithms will be appreciated by the reader whose mathematical knowledge is supposed to be extremely restricted. The mathematically minded student might well prefer a more elaborate mathematical approach to the subject.

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