

which engineers are accustomed to use, is stated without protest; and the opportunity is missed of explaining the advantage of comparing the actual discharge with that over the theoretical broad-crested weir having the same width and head. Lemoine's sinusoidal theory of undular jumps is noticed, but not its demolition by Benjamin and Lighthill. The important advance made by Southwell and Vaisey in their application of relaxation methods to free-surface problems is mentioned only in a footnote to a remark on a problem which they did not treat.

There is much to be said for the widely held view that the days are past when an author could produce a lengthy and balanced book covering the latest advances in many fields. It can no longer be expected that one man, no matter how scholarly and industrious he may be, can have everything at his fingers' ends at the same time. Of recent years the stream of original papers has greatly increased in width, depth and velocity, and the only way of control is by division of the flood. Two methods have been tried with success. The first is the large book covering a number of topics, each with a chapter to itself written by a different yet expert hand. Conspicuous examples are *Engineering Hydraulics* and *Modern Developments in Fluid Dynamics* under the respective editorship of Hunter Rouse and Goldstein, both of which have served as powerful springboards for further advances. A drawback of this method is the long delay that a big book encounters at the printer's hands. Moreover, the editor, if conscientious, must expect to be brought by his labours almost to the grave. The second method is the monograph of limited scope compiled and seen through the press by one man. The final stages are relatively brief, and the book need not be seriously out of date as soon as it is published. There is nothing to prevent a gifted author from producing a succession of monographs. In both methods it is unnecessary for the size of the book and therefore its price to be inflated by the inclusion of preliminary matter than can readily be found elsewhere.

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CORRIGENDUM

Equation (41) of my paper, "The influence of radiative transfer on cellular convection" (*J. Fluid Mech.* **1**, 1956, 424), should read as

$$R' = \frac{\int_{-\frac{1}{2}}^{+\frac{1}{2}} w' Q(w') d\zeta}{\int_{-\frac{1}{2}}^{+\frac{1}{2}} w'^2 (\beta/\bar{\beta}) d\zeta} \quad (41)$$

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