ERRATA

C. L. TIEN, A hydrodynamic model for nucleate pool boiling, *Int. J. Heat Mass Transfer*, 5, 533–540 (1962).

IN THE above paper, an error has been found in equation (4), where the numerical constant 2·44 should be 1·96 instead. Consequently, the numerical constant 2·44 in equations (7) and (9) should also be changed to 1·96, and the value 3·22 in equation (11) to 2·59. Therefore, in the sentence immediately after equation (11), $\bar{h}\delta_{th} = 1{\cdot}02$ Btu/h ft °F, and the predicted line in Fig. 2 should be replaced by the line as shown in the accompanying figure. Since the predicted variation of boiling heat-transfer coefficient with thermal boundary-layer thickness is not in perfect agreement with the experimental data, the determination of the dimensionless constant β should be based on the experimental evidence. Thus the sentence starting at the bottom of p. 537 should be read as: Substitution of (12) into (9) with the empirical change of the numerical constant 1·96 to 2·44 and comparison with Yamagata and his co-workers' data for boiling of water yield $\beta = 2150$.

Fortunately, the above mistake does not affect the basic idea embodied in the paper and the predicted heat-transfer result. Furthermore, it does not affect the presentation of a recent paper "A semi-rational nucleate boiling heat flux correlation", by J. H. LIENHARD, *Int. J. Heat Mass Transfer*, **6**, 215–219 (1963), except for the change of 2·44 to 1·96 in equation (5). The author wishes to express his regrets for the mistake mentioned above.

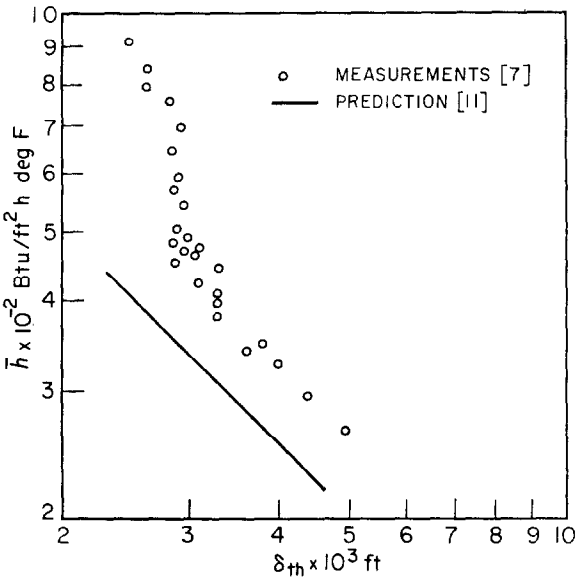

FIG. 2. Variation of boiling heat-transfer coefficient with thermal boundary-layer thickness.

V. N. ADRIANOV and G. L. POLYAK, Differential methods for studying radiant heat transfer, *Int. of Heat Mass Transfer*, **6**, 355 (1963).

1. Page 356, the 20th line from the top.

   It is printed: $K_n(x) = \int_1^\infty \frac{e^{-wx}}{w^{n+1}}\,dw.$

   It should be: $K_n(x) = (-1)^{n+1} \int_1^\infty \frac{e^{-wx}}{w^{n+1}}\,dw.$

2. Page 358, the right column, the 22nd line from the top.

   It is printed: $p_F = p_n$

   It should be: $p/F = p_n$

3. Page 361, Fig. 2.

   In the figure the point is missed obtained by the method for

   $$\Delta = 0{\cdot}10 \quad q_G \rightleftarrows s/E_{0\cdot1} - E_{0\cdot2} = 0{\cdot}0833.$$