

ERRATUM

Erratum: K. A. Gardner, "Efficiency of Extended Surface," published in the JOURNAL OF HEAT TRANSFER, TRANS. ASME, Vol. 67, 1945, pp. 621–631.

Page 623, equation (7) should read: $(x/p)\sqrt{\cdot}$ instead of $x\sqrt{\cdot}$. Since this was typographical, no subsequent equations in the text are affected.

Page 624, Fig. 4, Sketch (B), equation for u_b should read: $2\sqrt{2} \dots$ instead of $2\sqrt{2/3} \dots$. The curve for this case ($n = -1$) is correctly drawn, however.

Page 626, equation (23): the numerator should contain \tanh , not \tan h. This error also is typographical and has no other effect on text or graphs.

By way of clarification, it should be added that the captions $X_e/X_b = 1$ in Figs. 5 and 6 are to be interpreted as the limiting value of X_e/X_b when the radial length of the fin ($X_e - X_b$) becomes very small in relation to the inner radius of the fin X_b , i.e., $(X_e - X_b)/X_b \rightarrow 0$ which corresponds to $X_e/X_b \rightarrow 1$.

These errors were first pointed out to the author by Kraus of the University of South Florida in the fifties while he was writing a book on extended surfaces. No action seemed necessary to me at the time, and none was taken. In early 1975 they were rediscovered by Suryanarayana of Michigan Technological University, who prepared a Technical Note on the subject and submitted it to the JOURNAL OF HEAT TRANSFER. Subsequent correspondence led to preparation of this Erratum.