table of natural functions. In no case is the last line of a page reproduced on the next page, so that in numerous cases one portion of a mantissa is at the bottom of the page and the remainder on the next page, in one instance requiring the leaf to be turned.

The natural function tables read down the page, while the log function tables read across, making the differences for the latter difficult of computation mentally. In the preface on page v, exponent is used for power, and 10^5 is given as 10000, also on page vii log 83.19 should be 1.920071. On page ix is found the objectionable form of negative characteristic with positive mantissa, also the symbol of identity to express "whose anti-log equals." On page x the reader learns that a negative number has no logarithm and that there are two kinds of logarithms, tabular and non-tabular; finally in these tables log cos 72° 25′ must be taken as log cos 72° 24′ 60″.

These tables are characterized by the almost complete absence of mechanical aids to the eye and are entirely unsuited to the use of the student or professional computer.

The following corrections should be noticed: broken type in log tan 37° 48′ 50″; log 8.140 should be .910624, a correction in the second digit which affects 170 logarithms following; log 8.760 should be .942504, similarly affecting 110 logarithms following. Isolated corrections are:

log sin 24° 52′ 20″ 9.623865	log tan 65° 3′ 20″ 10.332428
" " 31° 22′ 10″ 9.716466	" " 68° 34′ 20″ 10.406210
" " 38° 38′ 50″ 9.795549	nat sin 46° 1′ .719542
" " 48° 54′ 50″ 9.877212	" " 59° 3′ .857616
" " 50° 2′ 10″ 9.884483	" tan 57° 36′ 1.57575
" " 61° 3′ 0″ 9.942029	" " 80° 6′ 5.72974.
" " 81° 14′ 30″ 9.994906	

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NOTES.

THE April number (volume 18, number 2) of the *Transactions of the American Mathematical Society* contains the following papers: "Differential equations and implicit functions in infinitely many variables," by W. L. HART; "On the equivalence of écart and voisinage," by E. W. CHITTENDEN;