

4.* S. Khristianovich, *The plane problem of the mathematical theory of plasticity in the case where the external forces are given along a closed contour*, Mat. Sbornik 1, 511-534 (1936).


### ADDITIONAL CORRECTIONS TO OUR PAPER

**THE CYLINDRICAL ANTENNA: CURRENT AND IMPEDANCE**

Quarterly of Applied Mathematics 3, 302-335 (1946) and 4, 199-200 (1946)

By RONOLD KING and DAVID MIDDLETON (Harvard University)

page 305, Change the number of Eq. (13a) to (13); delete "so that" following Eq. (13a); delete Eq. (13b).

page 306, Change the number of Eq. (14a) to (14); delete "where" following Eq. (14a); delete Eq. (14b).

Eq. (16)—add superscript -1 on $R_{1k}$ in the integrand.

page 317, Fig. 10—The value $|\psi_2(h - \lambda/4)|$ should be at 16.6 instead of 17.4 with appropriate changes in the several curves.

page 321, Figs. 12 and 13—all the curves are somewhat in error for $\beta h < \pi/2$. The correct values are obtained from (74), using the corrected values for $\psi$ obtained from Fig. 11a on page 200 of volume 4.

page 327, Table II—First line: Insert a $-$ between $\pi/2$ and $\beta h_{r2}$.

Second line: Replace 800 by 820.

Fourth line: Replace 67 by 73.

page 328, Eqs. (14a), (14b)—Insert a $-$ after $=$.

page 329, (23)—Change sign of lower limits on all three integrals by inserting $-$. This change is in addition to corrections on page 200 of volume 4.

Eq. (27)—Change first $-$ sign to $+$; change last $+$ sign to $-$.

page 335, Eq. (45)—Change all upper limits in four integrals to $u_2$.

Change all lower limits in four integrals to $-u_1$.

Eq. (46)—Last integral only: Change upper limit to $u_2$, lower limit to $-u_1$.

Eq. (47)—Delete superscript bars in second integral of the first member of the equation. Change $-$ to $+$ before this second integral.

*These articles have been translated for the David W. Taylor Model Basin, United States Navy, by the Applied Mathematics Division, Brown University, Providence, R. I.*