

- 2.* K. H. Shevchenko, *The plastic state of stress and the flow of metals in cold rolling and drawing*, Izvestia Ak. Nauk SSSR, OTN 1946, No. 3, pp. 329-354.
3. See, for example, A. Nadai, *Plasticity*, McGraw Hill Book Co., Inc., New York, 1931.
- 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).
5. R. Courant, *Supersonic flow and shock waves*, Applied Mathematics Panel, Report 38.2R, p. 39.
- 6.* A. Iu. Ishlinskii, *Rolling and drawing at high speeds*, Prikl. Mat. Mekh. 7, 226-230 (1943).

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_{1h} 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 ψ obtained from Fig. 11a on page 200 of volume 4.
- page 327, Table II—First line: Insert $-$ between $\pi/2$ and βh_{res} .
Second line: Replace 800 by 820.
Fourth line: Replace 67 by 73.
- page 328, Eqs. (14a), (14b)—Insert $-$ after $=$.
- page 330, Eq. (23)—Change sign of lower limits on all three integrals by inserting $-$ sign. 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.