5. ———, *Sul pentaedro complete*, Rendiconti della Accademia dei Lincei, vol. 7, no. 5.

6. ———, *Sopra la configurazione del pentaedro*, Rendiconti del Circolo Matematico di Palermo, vol. 21 (1906), pp. 322–341.

7. ———, *Una interpretazione geometrica del gruppo totale di sostituzioni sopra sei elementi*, Annali di Matematica Pura ed Applicata, 1909.

8. Corrado Segre, *Sulla varietà cubica con dieci punti doppi dello spazio a quattro dimensioni*, Atti della Accademia delle Scienze di Torino, vol. 22 (1886–1887), p. 791.

PURDUE UNIVERSITY

CORRECTION TO "ON GREEN'S FUNCTIONS IN THE THEORY OF HEAT CONDUCTION IN SPHERICAL COORDINATES"*

A. N. LOWAN

In the article entitled *On Green's functions in the theory of heat conduction* by H. S. Carslaw and J. C. Jaeger (this Bulletin, vol. 45 (1939), pp. 407–413), a misprint is noted in the expression for G on page 133 of my article *On the operational determination of two dimensional Green's functions in the theory of heat conduction* (this Bulletin, vol. 44 (1938), pp. 125–133), the correct expression for G being

$$G = u + v = \frac{1}{4\pi} \sum_{n=-\infty}^{\infty} \cos n(\theta - \theta_0) \int_{-\infty}^{\infty} \alpha e^{-k\alpha^2 t} \frac{H_n^{(1)}(\alpha r_0)}{U_n(a\alpha)} \cdot \left\{ J_n(\alpha r)\, U_n(\alpha a) - H_n^{(1)}(\alpha r) \left[\alpha \frac{d}{dz} J_n(z) + h J_n(z) \right]_{z=\alpha a} \right\} d\alpha,$$

where

$$U_n(\alpha a) = \left[\alpha \frac{d}{dz} H_n^{(1)}(z) + h H_n^{(1)}(z) \right]_{z=\alpha a}.$$

When this correct expression is employed, formula (20), page 313, of the present paper becomes

$$G(r, \theta, \phi, t; r_0, \theta_0, \phi_0) = \frac{1}{8\pi (r r_0)^{1/2}} \sum_{n=0}^{\infty} (2n+1) P_n(\cos \gamma) \cdot \int_{-\infty}^{\infty} \alpha e^{-k\alpha^2 t} \frac{H_{n+1/2}^{(1)}(\alpha r_0)}{U_{n+1/2}(\alpha a)} \left\{ J_{n+1/2}(\alpha r)\, U_{n+1/2}(\alpha a) - H_{n+1/2}^{(1)}(\alpha r) \cdot \left[\alpha \frac{d}{dz} J_{n+1/2}(z) + (h - 1/(2a)) J_{n+1/2}(z) \right]_{z=a\alpha} \right\} d\alpha. \tag{A}$$

* This Bulletin, vol. 45 (1939), pp. 310–315.