

## ERRATA

# THERMAL RADIATION HEAT TRANSFER

JOHN R. HOWELL, M. PINAR MENGÜÇ, KYLE DAUN, AND

ROBERT SIEGEL

CRC-TAYLOR AND FRANCIS

7<sup>TH</sup> EDITION, 2021

### Page Correction

378 Eq. (8.82) Should read:

$$\begin{aligned}\rho(\theta_i) &= \frac{\rho_{\perp}(\theta_i) + \rho_{\parallel}(\theta_i)}{2} = \frac{1}{2} \left[ \frac{\tan^2(\theta_i - \chi)}{\tan^2(\theta_i + \chi)} + \frac{\sin^2(\theta_i - \chi)}{\sin^2(\theta_i + \chi)} \right] \\ &= \frac{1}{2} \frac{\sin^2(\theta_i - \chi)}{\sin^2(\theta_i + \chi)} \left[ 1 + \frac{\cos^2(\theta_i + \chi)}{\cos^2(\theta_i - \chi)} \right]\end{aligned}$$

384 Eq. (8.111) Should read:

$$\epsilon_{\text{II}} = \text{Im}(\chi_e) = \frac{\omega_p^2 \zeta \omega}{(\omega_0^2 - \omega^2)^2 + \zeta^2 \omega^2}$$

386 Eq. (8.118) The zeta ( $\zeta$ ) should be tau ( $\tau$ ).

644 Section 14.2.2 Replace all  $\beta^k$  with  $\hat{u}^k$