

## E R R A T A

To the paper "Solidification of Liquid Metal Droplets Impacting Sequentially on a Solid Substrate." by B. Kang, Z. Zhao, and D. Poulikakos, published in the ASME JOURNAL OF HEAT TRANSFER, Vol. 116, May 1994, pp. 436–445.

The following corrections need to be made in the appendix of the above paper. The right-hand side of Eq. (A1) should be multiplied by the factor  $(6/d)$ . The thermophysical properties in this equation are obviously those of the droplet material. The second term in the left-hand side of Eq. (A4) should be multiplied by the factor  $(6/d)(k/k_{\text{drop}})$ . The symbol  $\alpha$  in this equation denotes the thermal diffusivity of the droplet material. The expression inside the curly bracket of Eq. (A6) should read as follows:

$$-(2 + 0.4 \text{Re}^{1/2} \text{Pr}^{1/3}) \frac{6}{d} \frac{k}{k_{\text{drop}}} \frac{\alpha_{\text{drop}} t}{d}.$$

These corrections have absolutely no effect on any of the results or formulations in the paper since the appendix was only used to obtain an estimate of the droplet temperature at impact, which was not utilized in any of the calculations.