

Corrigenda

F. C. ENGEL, R. A. MARKLEY, and A. A. BISHOP, "Laminar, Transition, and Turbulent Parallel Flow Pressure Drop Across Wire-Wrap-Spaced Rod Bundles," *Nucl. Sci. Eng.*, **69**, 290 (1979).

A numeric in the expression correlating friction factors and Reynolds numbers was incorrectly reported. For laminar flow the correct relation is

$$f = \frac{99}{\text{Re}}, \quad \text{instead of } f = \frac{110}{\text{Re}},$$

in the transition region. The change should be made in the second term, right side of Eq. (1), p. 294, so that it reads

$$f = \frac{0.48}{\text{Re}^{0.25}} \psi^{1/2} + \frac{99}{\text{Re}} (1 - \psi)^{1/2}.$$

An earlier correction¹ changed the numerator of the second term to 0.48 from 0.55.

These changes, which derive from reexamination of the laminar flow data, are required in a number of places in the paper including the Abstract, Eqs. (1) and (5), and Figs. 1 and 3. Further, in Fig. 1, the data represented by hollow dots and the solid curve should be lowered by ~10%.

Additionally, the correlation factors, altered as above, now are closer to those reported by Chiu and Todreas for a similar geometry cited as Ref. 10.

¹F. C. ENGEL et al., *Nucl. Sci. Eng.*, **74**, 226 (1980).

G. RUDSTAM, "Six-Group Representation of the Energy Spectra of Delayed Neutrons from Fission," *Nucl. Sci. Eng.*, **80**, 238 (1982).

Equation (2) on p. 238 should read

$$a_i = nN\sigma_k Y_{ki} P_{ni}.$$