

## ERRATA

Erratum on "An Extended Weight Function Method for Mixed-Mode Elastic Crack Analysis," by Y. Bortman and L. Banks-Sills, and published in the December 1983 issue of the ASME JOURNAL OF APPLIED MECHANICS, Vol. 50, pp. 907-909.

On page 909, equation (3.4) should read as follows:

$$K_I = \frac{1}{\sqrt{2\pi l}} \int_0^l \left\{ \frac{1-2\nu}{2(1-\nu)} \tilde{T}_x + \sqrt{\frac{x}{l-x}} \hat{T}_y \right\} dx$$

$$K_{II} = \frac{1}{\sqrt{2\pi l}} \int_0^l \left\{ \sqrt{\frac{x}{l-x}} \hat{T}_x - \frac{1-2\nu}{2(1-\nu)} \tilde{T}_y \right\} dx \quad (3.4)$$

where  $\tilde{T}_i = T_i^{(+)} + T_i^{(-)}$ ,  $\hat{T}_i = T_i^{(+)} - T_i^{(-)}$

Equation (3.6) should read as follows:

$$K_I = \frac{P}{2\sqrt{\pi a}} \sqrt{\frac{a+b}{a-b}} + \frac{Q}{4\sqrt{\pi a}} \frac{1-2\nu}{1-\nu}$$

$$K_{II} = \frac{Q}{2\sqrt{\pi a}} \sqrt{\frac{a+b}{a-b}} - \frac{P}{4\sqrt{\pi a}} \frac{1-2\nu}{1-\nu} \quad (3.6)$$