

## Erratum

“On the use of special crack tip elements in cracked elastic sheets” by R. Jones and R.J. Callinan, *International Journal of Fracture Mechanics*, Vol. 13, No. 1, February 1977.

The address of the first author is in error and should be Dept. of Structures Theory, Aeronautical Research Laboratories, Melbourne, Australia.

In section 3, Orthotropic analysis, all the derivatives occurring in equations (29), (30) and (31) should be second derivatives, i.e. the expression for  $\sigma_x$  should read

$$\sigma_x = 2Re \left[ \mu^2 \frac{d^2 \chi_1}{dZ_1^2} + \mu^2 \frac{d^2 \chi_2}{dZ_2^2} \right] \quad (29)$$

Similarly in the expressions for  $\sigma_y$  and  $\tau_{xy}$ , as given by equations (30) and (31), the derivatives should be of second order.

Equation (41) is also in error, two brackets having been omitted, and should read

$$\begin{aligned} \sigma_x = & \sum_{n=1/2, 1, 1, 1, 1/2} n(n+1)(a_{4n-1}[r_1^{n-1}((\alpha^2 - \beta^2) \cos \xi_1(n-1) - 2\alpha\beta \\ & \sin \xi_1(n-1)) - \cos 2\pi(n-1)r_2^{n-1}((\alpha^2 - \beta^2) - 4\alpha^2) \cos \xi_2(n-1) \\ & - [2(\alpha^2 - \beta^2) \frac{\alpha}{\beta} - 2\alpha\beta] \times \sin \xi_2(n-1))] \\ & + a_{4n}[r_1^{n-1}(\sin(n-1)\xi_1(\alpha^2 - \beta^2) + 2\alpha\beta \cos(n-1)\xi_1) \\ & + \cos 2\pi(n-1)r_2^{n-1}(\sin(n-1)\xi_2(\alpha^2 - \beta^2) + 2\alpha\beta \cos(n-1)\xi_2)]). \end{aligned} \quad (41)$$

A similar mistake also occurs in equations (33) and (34) where both equations should have a closing bracket, i.e. ), inserted as the final character, i.e. the final few characters in equations (33) and (34) should be

$$\dots \sin(n-1)\xi_2)), \quad (33)$$

and

$$\dots -\beta e_{4n-1})). \quad (34)$$