

Errata

Standardized complex and logarithmic eigensolutions for n -material wedges and junctions

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For an unknown reason the authors did not have an opportunity to review Galley Proofs for this paper. The following necessary corrections should be made:

1. The sentence leading to (2a) should start: The constants A_k , B_k , C_k and D_k are normalized with respect to
2. In (11) G_{jk} should be changed to G_{ik} .
3. Equation (38) should be

$$\sigma_{ijk}(r, \theta) = \frac{1}{(2\pi r)^{1-\beta}} \left[K_I \left\{ E'_{ijk}(\theta) \cos(\epsilon \ln(r)) - F'_{ijk}(\theta) \sin(\epsilon \ln(r)) \right\} - K_{II} \left\{ E'_{ijk}(\theta) \sin(\epsilon \ln(r)) + F'_{ijk}(\theta) \cos(\epsilon \ln(r)) \right\} \right]. \quad (38)$$

4. In (54b), (54c), and (54d) the term $+2\delta_k \sin(\theta) \dots$ should be $-2\delta_k \sin(\theta) \dots$.
5. On page 68 in the second paragraph, $b = +0.5$ should be $\beta = +0.5$.
6. The constant B_2 in Table 1 should equal $-iQ_1$.
7. On page 70 between (63) and (64), . . . for all $q \dots$ should be . . . for all $\theta \dots$.
8. The second line of (66) should be preceded by a negative sign as in the corrected version of (38) above.
9. On page 74 near the end of the second paragraph, $t_{r\theta}(r, 0)$ should be $\tau_{r\theta}(r, 0)$ and $\theta = 0.0125$ should be $\omega = 0.0125$.
10. Reference [19] should read: K.S. Gadi, P.F. Joseph, N. Zhang and A.C. Kaya, 'Non-separable Logarithmic Eigensolutions for N-material Wedges and Junctions', submitted for publication, January 1996.
11. With regard to the general development on pages 70 and 71, the authors should have made reference to: T.C.T. Ting, 'The Wedge Subjected to Traction: A Paradox Re-examined', *Journal of Elasticity* 14 (1984) 235–247. In this paper Professor Ting examines the special case of $\omega = 0$ and provides a solution near the critical point. Other important references are given in this paper for the $\omega = 2$ case. The authors were not aware of this work when the final version of the paper was submitted.