

G.A. JONES, P. BONNETT and S.F.H. PARKER An electron microscope study of the amorphous magnetic material 2605 CO (Fe ₆₇ Co ₁₈ B ₁₄ Si ₁)	3691	D.R. SAINI, V.M. NADKARNI, P.D. GROVER and K.D.P. NIGAM Dynamic mechanical, electrical and magnetic properties of ferrite filled styrene-isoprene-styrene	3710
T.-Q. LIU, O. SAKURAI, N. MIZUTANI and M. KATO Preparation of spherical fine ZnO particles by the spray pyrolysis method using ultrasonic atomization techniques	3698	Y. SADAOKA and Y. SAKAI A humidity sensor using burned zircon with phosphoric acid: effect of strongly acidic protons on humidity sensitivity	3717
P.-L. HSU, S.-S. YAU and T.-W. CHOU Stress-corrosion cracking and its propagation in aligned short-fibre composites	3703	K.M. ENTWISTLE Interfacial effects in the flow-bead test for vitreous enamels	3724
		A.L. HAYTER, A.C. SMITH and P. RICHMOND The physical properties of extruded food foams	3729

Corrigendum

B.L. KARIHALOO and K. VISWANATHAN, *J. Mater. Sci.* **20** (1985) 4103.

Author's note:

A recent valuable exchange of notes on a related paper with Professor B.A. Bilby has exposed certain errors in the above paper. The errors arise from the delta-function behaviour of the derivatives of eigenstress $\sigma_{ij,j}^*$ on the boundary $\partial\Omega$ of the elliptical region Ω which we had overlooked in Equation 2 and from the omission of a factor in the boundary condition Equation 4. The following alterations to the paper will correct these errors:

1. Add

$$\int_{\partial\Omega} \sigma_{ij}^*(\mathbf{x}') G_{im}(\mathbf{x}, \mathbf{x}') n_j(\mathbf{x}') dS(\mathbf{x}'),$$

where dS is an element of $\partial\Omega$, to the right hand side of Equation 2.

2. Replace the integral in Equation 20 by

$$\int_{\Gamma} \sigma_{ij}^{*11}(\mathbf{x}') G_{im,j}(\mathbf{x}, \mathbf{x}') d\Omega(\mathbf{x}');$$

3. Replace the first integral in Equation 24 by

$$\xi^m = - \int_{\Omega} \sigma_{ij} [G(\mathbf{x}', \mathbf{x}'')] G_{im,j}(\mathbf{x}, \mathbf{x}') d\Omega(\mathbf{x}'');$$

(note ξ in Equations 23 and 24 should be ξ^m).

4. Replace the right hand side of Equation 19 and of Equation 32 by

$$\sigma_{ij}^0(\mathbf{x}) n_j(\mathbf{x}) + \sum_{\alpha,\beta} \hat{C}_{\alpha\beta}^{ij} x_1^\alpha x_2^\beta$$

where $\sigma_{ij}^0(\mathbf{x})$ and $\hat{C}_{\alpha\beta}^{ij}$ are obtained from Equations 17 (and 10) and 21 by replacing λ, μ with λ_1, μ_1 , respectively.

5. As a consequence of correction (4), replace σ_{ij}^0 and $C_{\alpha\beta}^{ij}$ in Equation 41 by σ_{ij}^0 and $\hat{C}_{\alpha\beta}^{ij}$ respectively and $A_{\alpha\beta}^{ij}$ and $C_{\alpha\beta}^{ij}$ in Equations 42 to 44 by $\hat{A}_{\alpha\beta}^{ij}$ and $\hat{C}_{\alpha\beta}^{ij}$, respectively. Also, the vertical scale of Figs 2 to 9, inclusive should be altered by multiplying by λ/λ_1 .