

### ERRATA

AYBAR ERTEPINAR, Large amplitude radial oscillations of layered thick-walled cylindrical shells. *Int. J. Solids Structures* 13, 717-723 (1977).

1. The expression for  $S_i$  in eqn (9) should be corrected as

$$S_i = \frac{R_{i+1}^2}{R_1^2} - 1$$

2. Equations (16) should be corrected as

$$\int_1^\eta \eta \bar{p} \, d\eta = \begin{cases} (p_{in}^0/\rho_0 R_1^2) \frac{\eta^{2(1-\alpha)} - 1}{(1-\alpha)} & \text{for } \alpha \neq 1, \\ (p_{in}^0/\rho_0 R_1^2) \ln(\eta)^2 & \text{for } \alpha = 1, \end{cases}$$

$$\int_1^\eta \eta f_1(w) \, d\eta = \frac{\phi_1}{2\rho_0 R_1^2} (1 - \eta^2) \ln \frac{(\eta^2 + S_1)}{\eta^2(S_1 + 1)}, \quad (16)$$

$$\int_1^\eta \eta f_2(w) \, d\eta = \frac{\phi_2}{2\rho_0 R_1^2} (1 - \eta^2) \ln \frac{(1 + S_1)(\eta^2 + S_2)}{(1 + S_2)(\eta^2 + S_1)}.$$

3. Equation (25) should be corrected as

$$H = \sqrt{(A^2 - b^2)} - A - a^2(1 + S_1) \frac{A}{\sqrt{(A^2 - b^2)}} + \frac{(1 + 2P)a^2 + b^2 - 1}{\sqrt{(1 - b^2)}} + a^2(S_1 - 2P) + 1$$

$$C \left[ \frac{B^2 - b^2 - a^2 B(S_2 + 1)}{\sqrt{(B^2 - b^2)}} + \frac{a^2(S_1 + 1)A - A^2 + b^2}{\sqrt{(A^2 - b^2)}} \right], \quad (25)$$

Viggo Tvergaard, Buckling of elastic-plastic oval cylindrical shells under axial compression. *Int. J. Solids Structures* 12, 683-691 (1976).

The numerical values of bifurcation stresses in Fig. 2 are erroneous, and should be replaced by:

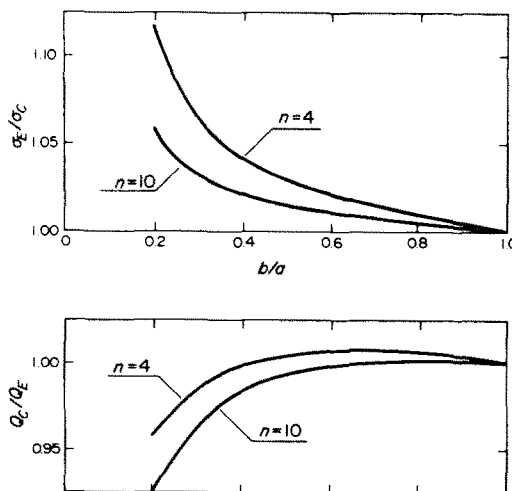


Fig. 2. Critical stress and corresponding axial wave length in elliptical cylinders with aspect ratio  $b/a$ . ( $R_b/h = 200$ ,  $\sigma_{cl}/\sigma_y = 1.034$ ,  $\sigma_y/E = 0.0025$ ,  $\nu = 0.3$ ).