

## Erratum

Errata for *Love Waves in Inhomogeneous Anisotropic Earth - I* by V. THAPLIYAL, published in *Pure and Applied Geophysics* 91, 1971/VIII.

The left hand side of both equations, (18) and (20) should read  $(\nu_z)s$ .

Equation (35) should read

$$D = \frac{k^2 N_0}{b^2 M_0} \left( 1 - \frac{c^2}{B_{ps}^2} \right) + \frac{p}{4} (p + 2). \quad (35)$$

Equation (40) should read

$$B_{ts} = B_{t0} e^{-\Delta z}. \quad (40)$$

Equation (41) should read

$$B_{ps} = \sqrt{\frac{N_0}{Q_0}} e^{\frac{(R' - R)z}{2}} = B_{p0}. \quad (41)$$

Equation (42) should read

$$\Delta = \frac{R' - R}{2}. \quad (42)$$

Equation (44) should read

$$\frac{d^2 F}{dz^2} + \left\{ k^2 \left( \frac{N_0}{M_0} \right) \left( \frac{c^2}{B_{ps}^2} - 1 \right) e^{2\Delta z} - \frac{R^2}{4} \right\} F = 0. \quad (44)$$

Equation (46) should read

$$\frac{d^2 F}{dt^2} + \left[ \frac{k^2}{\Delta^2} \left( \frac{N_0}{M_0} \right) \left( \frac{c^2}{B_{ps}^2} - 1 \right) e^{2t} - \frac{R^2}{4 \Delta^2} \right] F = 0. \quad (46)$$

Equation (48) should read

$$l = \frac{k}{\Delta} \sqrt{\frac{N_0}{M_0}} \left( \frac{c^2}{B_{ps}^2} - 1 \right). \quad (48)$$

In the first matrix on the left hand side of equation (52), the quantity  $\frac{1}{2}$  should be replaced by  $q/2$ .

The first equation on the top of page No. 49, should read

$$\left[ \frac{M_0}{i k} e^{RH} \left\{ \Delta l e^{AH} \frac{H_n^{(2)}(l e^{AH})}{H_n^{(2)}(l e^{AH})} - \frac{q}{2} \right\}, -1 \right] \left[ \frac{1}{i M_1 \xi_1 \tan(\xi_1 k h_1)} \right] = 0.$$

Equation (53) should read

$$\tan(\xi_1 h_1 k) = \frac{M_0}{\xi_1 M_1 k} \left\{ e^{RH} \left\{ \frac{q}{2} - \Delta l e^{AH} \frac{H_n^{(2)}(l e^{AH})}{H_n^{(2)}(l e^{AH})} \right\} \right\}.$$

(Received 29th May 1972)

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