

Erratum

Vavryčuk, V., 1999. Weak-contrast reflection/transmission coefficients in weakly anisotropic elastic media: *P*-wave incidence

(*Geophys. J. Int.*, **138**, 553–562)

In eqs (3), (6), (7) and (14), instead of the quantities Ψ , $\Psi^{(0)}$ and $\Psi^{(N)}$, the quantities \mathbf{v} , $\sigma^{(0)}$ and $\sigma^{(N)}$, respectively, should be used. For example, eq. (3) should read

$$\mathbf{d}^{(N)} = \pm \begin{bmatrix} \mathbf{g}^{(N)} \\ \sigma^{(N)} \end{bmatrix},$$

and the correct form of eq. (7) is

$$c_N^{(N)} = c^{(N)} \sqrt{\left| \frac{\mathbf{v}_g^{(N)} \cdot \mathbf{v}}{\mathbf{v}_g^{(0)} \cdot \mathbf{v}} \right|}$$

for reflected waves ($N = 1, 2$ and 3), and

$$c_N^{(N)} = c^{(N)} \sqrt{\frac{\rho^{(2)}}{\rho^{(1)}} \left| \frac{\mathbf{v}_g^{(N)} \cdot \mathbf{v}}{\mathbf{v}_g^{(0)} \cdot \mathbf{v}} \right|}$$

for transmitted waves ($N = 4, 5$ and 6).