

Corrections for “Zhang, Z. & Shen, Y., 2008. Cross-dependence of finite-frequency compressional waveforms to shear seismic wave speeds, *Geophys. J. Int.*, **174**, 941-948, doi:10.1111/j.1365-246X.2008.03840.x”

1) The first line in Appendix A: the $\delta\tau_p$ should be $\delta\tau_p$.

2) There should not have a minus sign in equation (A2) in Appendix A. The right expression of equation (A2) is:

$$\delta A_q = \frac{\int_{t_1}^{t_2} \tilde{u}_l(t) \delta u_l(t) dt}{\int_{t_1}^{t_2} |\tilde{u}_l(t)|^2 dt}$$

3) A minus sign is missed in equation (A4) in Appendix A. The right expression of equation (A4) is:

$$K_{\alpha,q} = -\frac{1}{Q_l} \int_{t_1}^{t_2} 2\tilde{\rho}\tilde{\alpha}\tilde{u}_l(r_R, t; r_S) \int_{-\infty}^{\infty} \hat{e}_l \cdot [(\nabla \cdot \tilde{G}^T)(\nabla \cdot \tilde{u})] d\tau dt$$

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