

Erratum to “Bounds and averages of seismic quality factor Q” (Stud. Geophys. Geod., 64, 2020, 100–113, DOI: 10.1007/s11200-019-1247-y)

AYMAN N. QADROUH¹, JOSÉ M. CARCIONE², MAMDOH ALAJMI¹ AND JING BA³✉

- 1 KACST, PO Box 6086, Riyadh 11442, Saudi Arabia
- 2 Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS), Borgo Grotta Gigante 42c, 34010 Sgonico, Trieste, Italy
- 3 School of Earth Sciences and Engineering, Hohai University, Nanjing, 211100, China (jba@hhu.edu.cn)

Equations (9) and (10) in *Qadrouh et al. (2020)* should read

$$K = \left(\sum_i \frac{p_i}{K_i + \frac{4}{3}\mu_i} \right)^{-1} - \frac{4}{3}\mu \quad \text{and} \quad \mu = \left(\sum_i \frac{p_i}{\mu_i} \right)^{-1}, \quad (9)$$

and

$$K = \rho \left(\sum_i p_i \sqrt{\frac{\rho_i}{K_i + \frac{4}{3}\mu_i}} \right)^{-2} - \frac{4}{3}\mu \quad \text{and} \quad \mu = \rho \left(\sum_i p_i \sqrt{\frac{\rho_i}{\mu_i}} \right)^{-2}, \quad (10)$$

respectively. The authors apologize for any misunderstanding.

References

- Qadrouh A.N., Carcione J.M., Alajmi M. and Ba J., 2020. Bounds and averages of seismic quality factor Q. *Stud. Geophys. Geod.*, **64**, 100–113, DOI: 10.1007/s11200-019-1247-y