Corrections to "Negation Invariant Representations of 3-D Vectors for Deep Learning Models Applied to Fault Geometry Mapping in 3-D Seismic Reflection Data"

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IN THE above article [1], (22) should be corrected by inserting $\sqrt{3}$ into the denominator of the last term in the first line as follows:

$$\begin{aligned} w_a &= 1 - \frac{\lambda_b}{2} - \frac{\lambda_c}{2} = 1 - \frac{x}{2} - \frac{y}{2\sqrt{3}} \\ w_b &= 1 - \frac{\lambda_a}{2} - \frac{\lambda_c}{2} = \frac{x}{2} - \frac{y}{2\sqrt{3}} \\ w_c &= 1 - \frac{\lambda_a}{2} - \frac{\lambda_b}{2} = \frac{y}{\sqrt{3}}. \end{aligned} \tag{22}$$

REFERENCES

[1] D. Kluvanec, K. J. W. McCaffrey, T. B. Phillips, and N. Al Moubayed, "Negation invariant representations of 3-D vectors for deep learning models applied to fault geometry mapping in 3-D seismic reflection data," *IEEE Trans. Geosci. Remote Sens.*, vol. 61, 2023, Art. no. 4502316, doi: 10.1109/TGRS.2023.3273329.

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