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Correction

Correction: A New Quaternion-Based Kalman Filter for Real-Time Attitude Estimation Using the Two-Step Geometrically-Intuitive Correction Algorithm. *Sensors* 2017, *17*, 2146

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The authors wish to make the following corrections to their paper [1]:

1. In page 7, "The two-step correction process is described as follows:" should be revised as "The two-step correction process is described as follows [31]:". Meanwhile, the corresponding reference "31. Del Rosario, M.B.; Lovell, N.H.; Redmond, S.J. Quaternion-based complementary filter for attitude determination of a smartphone. *IEEE Sens. J.* **2016**, *16*, 6008–6017." should be added in the references part.
2. In page 11, "and we can rewrite the function as:" should be revised as "and we can rewrite the function as [32]:". Meanwhile, the corresponding reference "32. Valenti, R.G.; Dryanovski, I.; Xiao, J.Z. A linear kalman filter for marg orientation estimation using the algebraic quaternion algorithm. *IEEE Trans. Instrum. Meas.* **2016**, *65*, 467–481." should be added in the references part.

The authors would like to apologize for any inconvenience caused to the readers by these changes.

Conflicts of Interest: The authors declare no conflict of interest.

Reference

1. Feng, K.; Li, J.; Zhang, X.; Shen, C.; Bi, Y.; Zheng, T.; Liu, J. A new quaternion-based kalman filter for real-time attitude estimation using the two-step geometrically-intuitive correction algorithm. *Sensors* **2017**, *17*, 2146. [CrossRef] [PubMed]