## **ERRATA:**

## Fusing ultra-wideband range measurements with accelerometers and rate gyroscopes for quadrocopter state estimation

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Abstract—This document contains the known errors in the ICRA paper "Fusing ultra-wideband range measurements with accelerometers and rate gyroscopes for quadrocopter state estimation".

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The differential equation for the attitude error  $\delta$ , (16), is incorrect. The correct version, to first order, is as below.

$$\dot{\hat{\delta}} = \hat{\omega} + \frac{1}{2} [\![ \hat{\delta} \times ]\!] \hat{\omega}. \tag{1}$$

The numerical values for the drag coefficients in (22) and (23) have the wrong sign. The correct values are:

$$\kappa_{\perp} = -0.000 \, 11 \, \text{N s}^2 \, \text{rad}^{-1} \, \text{m}$$
(2)

$$\kappa_{\parallel} = -0.000 \, 23 \, \text{N s}^2 \, \text{rad}^{-1} \, \text{m}.$$
(3)