Bayesian processing of vestibular information

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The matrix R defined in Table 1 should read as below.
We did invert the sign of ' δr ' when we transcribed it.
As a result, the sign of all terms containing ' $\sin(\delta r)$ ' is switched.

Table 1 Rotation matrix corresponding to angles δy , δp and δr in yaw, pitch and roll

$$R(\delta y, \delta p, \delta r) = \begin{pmatrix} \cos(\delta y) \cos(\delta p) & + \cos(\delta y) \sin(\delta p) \sin(\delta r) - \sin(\delta y) \cos(\delta r) & \cos(\delta y) \sin(\delta p) \cos(\delta r) + \sin(\delta y) \sin(\delta r) \\ \sin(\delta y) \cos(\delta p) & \cos(\delta y) \cos(\delta r) + \sin(\delta y) \sin(\delta p) \sin(\delta r) & - \cos(\delta y) \sin(\delta r) + \sin(\delta y) \sin(\delta p) \cos(\delta r) \\ - \sin(\delta p) & + \cos(\delta p) \sin(\delta r) & \cos(\delta p) \cos(\delta r) \end{pmatrix}$$

At the end of part 2.1, the orientation ' $\Theta_{t+\delta t}$ ' should be computed as ' $\Theta_{t+\delta t} = \Theta_t R(\delta y, \delta p, \delta r)$ ' (instead of $R(\delta y, \delta p, \delta r) \Theta_t$).

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