

Notes from IMU pre integration

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1 short intro

short survey: problems we are facing, solutions, and the imu preintegration.

1.1 main procedure

各级标题效果演示

2 mathematical principles behind the model

2.0.1 Preliminaries

2.0.2 Notions of Riemannian geometry

2.0.3 Uncertainty descriptions in $SO(3)$

2.0.4 Gauss-Newton Method on Manifold

2.1 Maximum a Posteriori visual-inertial state estimation

3 Problems still working on

- right jacobian and left jacobian
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