

Deep Learning Aided Sensor Fusion for Drift Reduced IMU Orientation Estimation

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Abstract

Inertial Measurement Units (IMUs) are widely used in a variety of applications such as Body Sensor Networks (BSNs) for orientation estimation, however they suffer from drift due to sensor bias and noise that when integrated accumulate over time. This **FIXME: project** investigates a deep learning-based approach which aims to mitigate gyroscopic errors which can be integrated with sensor fusion techniques to achieve more accurate orientation estimates.

Acknowledgements

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1 Introduction

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