

t of efficient computing hardware and the accessibility of publicly available sensor data. These data-driven approaches mainly aim to empower model-based inertial sensing algorithms. To encourage further ...

We developed a mobile sports performance monitoring system that incorporates the use of inertial measurement units or IMUs, a high-fps video camera, and an Android tablet to provide quantitative ...

In this paper, we present an approach to combine measurements from inertial sensors (accelerometers and gyroscopes) with time-of-arrival measurements from an ultrawideband (UWB) system for indoor ...

Research on autonomous vehicles (AV) - self-navigating machines that transport both man and cargo has proliferated lately. While once limited to industrial or military uses, more attention is now given to ...

Discover the latest Innovations in BESS container technology - from snappy new battery chemistries to cool thermal management systems. These tech tweaks are making energy storage smarter, longer ...

These data-driven approaches primarily aim to enhance model-based inertial sensing algorithms. To foster further research on integrating deep learning with inertial navigation and sensor ...

The research scope of the papers published in this Special Issue mainly focuses on high-precision and high-reliability positioning, navigation, and timing (PNT) with Global Navigation ...

Relevant research on mobile power systems, especially the specific application scenario of new energy electric vehicles, is still relatively scarce. The dynamic working environment ...

Abstract: AV) app inertial navigation technology exhibits significant limitations in complex environments. In this study, we integrate improved reinforcement learning (RL) algorithms to enhance existing ogy ...

Christians" share among U.S. adults has fallen across demographic groups since 2007, but there has been overall stability in religious makeup since 2020. Religious Landscape Study by ...

Published:2022-08Issue:Volume:197Page:108537 ISSN:0165-1684 Container-title:Signal Processing language:en Short-container-title:Signal Processing Author: Cen Ruping, Jiang Tao, Tan Yaoyao, Su ...

Summary <p>Focusing on inertial sensors and navigation, this chapter introduces inertial measurements and their role in navigation systems. It addresses the effects of Earth's gravity, rotation, and curvature ...



Research on mobile inertial solar container technology



Research on mobile inertial solar container technology

Web: <https://lpsolar.co.za>

