

Journal of Global Positioning Systems

Published by
the International Association of Chinese Professionals
in Global Positioning Systems

Vol. 18, No. 2, 2022

Table of Contents

Articles

GNSS-IR Inshore Tide Measurement Based on Low-Cost Chipset

Jie Li, Dongkai Yang^(✉), Feng Wang and Jin Xing.....92

Photorealistic simulation platform for autonomous landing of fixed-wing aircraft

Weili Xue^(✉), Zhen Sun, Kehui Ma and Ling Pei.....103

GPS/MEMS IMU/UWB tightly coupled integrated navigation with robust Kalman filter based on bifactor

Jiaxing Zhao, Jian Wang^(✉)114

Two-stage fusion localization based on UWB/PDR/Geomagnetism in underground space

Jinkun Li, Chundi Xiu^(✉), Dongkai Yang and Maria S. Selezneva.....123

PhD Dissertation Abstracts

Ocean Wind Vector Retrieval Based on Spaceborne Global Navigation Satellite System Reflectometry

Guodong Zhang134

Enhancing the Accuracy of Water Vapour Retrieval from Remote Sensing Observations Using Ground-based GNSS Data

Jia He.....136

GNSS PPP/INS Integrated Precise Positioning and Attitude Determination with Comprehensive Error Analysis

Lingxuan Wang.....138

An Investigation of Real-time GNSS Precipitable Water Vapor Retrievals

Peng Sun.....140