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Navigation: Theory, Algorithm And Implementation By
Jingchun Yin**

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Mp1-1: invited session-modular robotics | mojtaba

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A robust method of localization and mapping using

In this paper we present results in mobile robot localization and simultaneous localization and mapping (SLAM) using range from radio. In previous work we have shown

Citeulike: mcastillo's network [37 articles]

we present a sensor network localization algorithm based implementation. localisation localization loops mapping mobile navigation network

Meshslam: robust localization and large-scale

Abstract: Robots need to know their location to map of their surroundings but without global positioning data they need a map to identify their surroundings and

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Autonomous Robots and Agents, 2009. ICARA 2009. 4th International Conference on

New robust localization and mapping for mobile

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Simultaneous localization and mapping - wikipedia,

In robotic mapping, simultaneous localization and mapping (SLAM) SLAM algorithms are tailored to the available resources, hence not aimed at perfection,

Oceans'14 mts/ieee taipei

Implementation of AIS-based Marine A Sea Test of Mobile Underwater Localization: Cooperative Power-Frequency Joint Allocation Based Game Theory for Mobile UAN:

Robust real-time localization and mapping in

Robust Real-Time Localization and Mapping in Single and Multi-Robot Systems Von der Fakult at f ur Mathematik, 3.3 Modelling Robotic Localization and Mapping

Stereo vision depth estimation methods for robotic

397 Stereo Vision Depth Estimation Methods for Robotic Applications Lazaros simultaneous localization and mapping of a motion estimation algorithm (Yin

The vslam algorithm for robust localization and

This paper presents the Visual Simultaneous Localization and Mapping (vSLAMTM) algorithm, a novel algorithm for simultaneous localization and mapping (SLAM).

Intelligent robots and computer vision xxvii:

Proceedings of SPIE Volume 7539 Robust pipeline localization for an autonomous underwater algorithm for autonomous mobile robot navigation

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Jun 26, 2015 based robust localization and mapping for Jingchun Yin, Robust Localization and Mapping for Mobile Robotic Navigation: Theory, Algorithm

Robust simultaneous localization and mapping for

Robust Simultaneous Localization and Mapping for Very Large Outdoor Environments Robust Simultaneous Localization and Mapping for Very Large Outdoor Environments

Robust localization and mapping for mobile

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Iv'09 - 2009 ieeec intelligent vehicles symposium

Design and implementation the extended Kalman Filter based Simultaneous Localization and Mapping (SLAM) algorithm Wavelet Transform; 2DPCA; Bayesian theory

Conditional simultaneous localization and mapping:

1. Introduction. Simultaneous localization and mapping (SLAM) is a technique for building a map of an initially unknown environment and localizing the position of

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A robust method of localization and mapping using

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Proceedings of SPIE Volume 8301 on sale Intelligent Robots and Computer Vision XXIX: Algorithms and Techniques

Gps bibliography - national geodetic survey

Analytical model for GNSS receiver implementation losses. Navigation based mobile mapping for inertial navigation systems: Theory and algorithm.

Multi- robot localization and orientation

is introduced for multi-robot localization and M. Yin, F. Lian, Robot localization and mapping by matching the a weighted clustering algorithm for mobile

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tshr's library 50 articles . this article develops a more robust algorithm We present an incremental method for concurrent mapping and localization for mobile

Distributed intelligent assistance robotic system

for path planning and localization of mobile of the mobile robot. This algorithm effectively of Intelligent and Robotic Systems: Theory

Dblife: ying zhang

Rigidity guided localisation for mobile robotic sensor Jun Li, Yongfeng Diao, Jia-li Mao, Ying Zhang, Xing Yin. Sequential Localization Algorithm for Active

Robust simultaneous localization and mapping for

Abstract: This paper addresses the problem of Simultaneous Localization and Mapping (SLAM) when working in very large environments. A Hybrid architecture is presented

Publications

A ROS Implementation of the Mono-SLAM Algorithm, solution to simultaneous localization and mapping with graphical Study on Robust Localization:

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Graph-based Robust Localization and Mapping for Autonomous Mobile Robotic Navigation

Simultaneous localization and mapping in dense

"Analysis of particle methods for simultaneous robot localization and mapping and a new algorithm: for navigation of mobile mobile robotic assistant for

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A Decentralized Architecture for Simultaneous Localization and Mapping theory (ART), fuzzy controller, navigation, generators for mobile robotic systems

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1. Introduction. Recent years have seen great improvements of simultaneous localization and mapping (SLAM), which serves as the core of a large amount of robotic

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