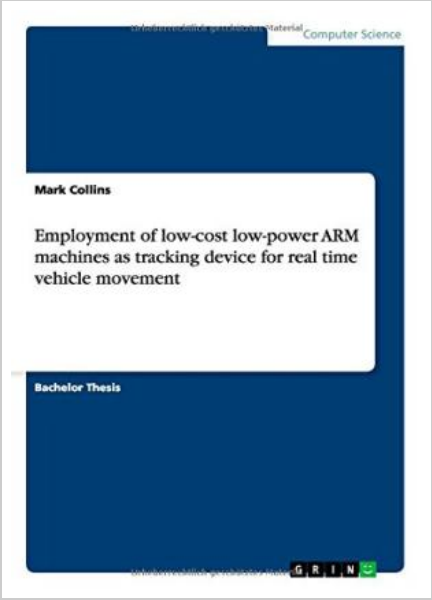

Employment of low-cost low-power ARM machines as tracking device for real time vehicle movement

By Mark Collins

GRIN Verlag Gmbh Jun 2014, 2014. Taschenbuch. Book Condition: Neu. 211x149x8 mm. Neuware - Bachelor Thesis from the year 2013 in the subject Computer Science - Technical Computer Science, grade: 69, University of Lincoln (School of Computer Science), course: Computer Science, language: English, abstract: This undergraduate Bachelor Thesis examines the use of a raspberry pi towards a real-time computer vision system. Advances in technology in recent years have steadily increased computational performance, ushering in the availability of affordable powerful, single board micro systems. This project attempts to showcase an application of low cost hardware for performing modern computer vision algorithms, paired with imaging sensors to emulate an embedded system. In order to achieve this goal, the project must demonstrate background learning, object detection, and establish methods for monitoring the real time movement of pedestrians and vehicles on a road. The implementation will make use of a Raspberry Pi type Model B as the main piece of computational hardware to be employed to an IP camera. 68 pp. Englisch.

Reviews

Definitely among the best book I have got possibly study. I am quite late in start reading this one, but better then never. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- ***Olga Ledner MD***

Complete guide for publication enthusiasts. I have read and i am sure that i will going to study again once again in the future. Your way of life period will be transform once you total looking over this publication.

-- ***Shayne O'Conner***