Dynamic Reconfiguration Methods For Active Camera Networks

Author : Michael Nolting / **Category :**Uncategorized / **Total Pages** : 220 pages

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Summary : Free dynamic reconfiguration methods for active camera networks pdf download - this thesis presents dynamic reconfiguration methods for active camera networks active camera networks consist of autonomous vehicles - each one equipped with a visual sensor - communicating wirelessly with each other in order to perform surveillance tasks in a collaborative way recent advances in the area of robotics have led to the development of autonomous vehicles and unmanned aerial vehicles that can be used to explore operational environments such as urban areas or unknown building structures this thesis is devoted to the development of dynamic reconfiguration methods which allow for distributed control of collaborating cameras in dynamic environments thus they act self-organizing and with the least a priori information in terms of their environment the focus is on the wide-area target acquisition of moving targets in a surveillance area it addresses application scenarios where events unfold over a large geographic area and close-up views have to be acquired for biometric tasks such as face detection the main problem is to coordinate numerous cameras in order to reach a system behavior that only one capture of each target is acquired

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PDF DYNAMIC RECONFIGURATION METHODS FOR ACTIVE CAMERA NETWORKS

video analysis in pan-tilt-zoom camera networks - ptz camera networks for active surveillance. ... tion and reconfiguration. ... static and ptz cameras networks is discussed. the dynamic

localization and tracking using camera-based wireless ... - localization and tracking using camera-based wireless sensor networks ... the network dynamic reconfiguration or ... in the methods presented, each camera node ...

localization and tracking using camera-based wireless ... - localization and tracking methods using wireless sensor networks (wsn). a good number of methods have ... camera networks ... dynamic reconfiguration or ...

[bi song, chong ding, ahmed t. kamal, jay a. farrell, and ... - algorithms for dynamic camera network reconfiguration ... optimization are described in the "reconfiguration of distributed camera ... active camera networks was ...

sensor network reconfiguration and big multimedia data ... - sensor network reconfiguration and big multimedia data fusion for situational ... video camera, microphones ... steering and dynamic reconfiguration in intelligent

interoperability platform and standardization efforts - dynamic reconfiguration of existing links ... from sensor 4 and camera 2 to agency a. ... redirnet active in etsi ...

dynamically reconfiguring multimedia components: a model ... - construction and dynamic reconfiguration of distributed ... djinn applications are constructed from networks of active components ... camera 2 camera switch

ieee communications surveys - ucl e&ee - dynamic reconfiguration of ... ieee communications surveys & tutorials ... required data by using passive and active measurement methods to produce snapshots ...

dynamic construction of a neural network from multiple ... - ... of a neural network from multiple pattern generators in the lobster stomatogastric nervous system ... networks. this functional reconfiguration elicited by ...

keyword index - ipp - active networks ... blind methods ... dynamic reconfiguration.....790 . dynamic security assessment.....660 . e . ebg ...

effective and secure scheme for ip-camera surveillance ... - or expensive so dynamic reconfiguration could become ... networks by defining the concept of service. ... the camera location is set by user who is going to use the

2013 14th acis international conference on software ... - 2013 14th acis international conference on software engineering, ... preserving the global consistency of dynamic reconfiguration ... active learning for speech ...

the self-growing concept as a design principle of ... - the self-growing concept as a design principle of cognitive self-organization ... abstract— in next generation systems and networks ... reconfiguration of a ...

research projects - chinese university of hong kong - research projects gaussian out-of ... modeling and control of mobile robots for active sensor networks ... human-assisted deployment and reconfiguration of an active ...

s12555-010-0501-4 intelligent visual surveillance - a survey - intelligent visual surveillance - a survey in su kim, ... camera networks. ... camera calibration and camera installation methods, ...

home digital video studio - oyvindrvehttp - home or small office computer networks 4.2. ... sony

digital camera with dv compression 5.5. digital video recorder -interface between analog an digital worlds

energy efficient coverage optimization in wireless sensor ... - energy efficient coverage optimization in wireless sensor networks ... sensor networks (wsns) can be of dynamic ... 84 energy efficient coverage optimization in ...

2011 ieee international conference on cloud computing and ... - 2011 ieee international conference on cloud computing ... 030-145 camera self-calibration method based on ... 068-065 research on dynamic reconfiguration technology ...

connected manufacturing forum ethernet 102 - connected manufacturing forum ... one camera can easily reach 10mbit/s, ... active high availability networks with hrp redundancy manager ...

reconfigurable mobile multimedia systems - reconfigurable mobile multimedia systems gerard j.m. smit, ... elaborate on the following three reconfiguration methods: ... as in switching networks, ...

m.tech. thesis abstract 2009 - indian institute of ... - m.tech. thesis abstract 2009 ... shunt hybrid active filter w ith dc bus control ... 18 statistical methods based classification in

networked embedded systems - royal institute of technology - networked embedded systems ... control over wireless networks ... and new paradigms to handle run-time reconfiguration. ices kick-off ...

selected scholarly contributions [data provided by] - selected scholarly contributions [data provided by ... automatic reconfiguration of video sensor networks for ... occlusion-aware multiple camera reconfiguration

distributed process networks project - distributed process networks project ... due to the perspective of the camera), ... (dynamic data flow), with a computational engine capable of interpreting

orlando, florida proceedings lu - gbv - orlando, florida proceedings ... "dynamic multi-server reconfiguration using meta-level ... " a novel recursive region-based camera break 392 ...

watching mobile tv in constrained telecommunication networks - watching mobile tv in constrained telecommunication networks julien figeac . ... how the methods of using this service orient how one

technical program 2015 international conference on ... - camera gige vision ip core for ... design and exploration of routing methods for noc ... a custom reconfiguration controller for dynamic circuit ...

active sensing for terrain classification on an agile robot - active sensing for terrain classification on an agile robot ... networks zhuman activity ... reconfiguration, navigation and

table of contents - computer - a proposal of an active access-point selection ... seamless surveillance system by omni-directional camera ... reconfiguration of chord ring based on ...

the west midlands regional catalyst role in the activation ... - the west midlands regional catalyst role in the activation of the digital ecosystem ... networks, semantic ...

ece graduate publication list (july 1, 2008 – june 30 ... - ece graduate publication list (july 1, 2008 ... malicious node detection for wireless sensor networks ... "multi-class detector of current steganographic methods ...

chameleon reconfigurability in hand-held multimedia computers - reconfigurability in hand-held multimedia computers ... have done on reconfiguration in hand-held mobile computers: ... as in switching networks, ...

ecms 2009 workshop preliminary timetable: wednesday, july ... - ecms 2009 workshop preliminary timetable: wednesday, july the 8th ... improve constraint in active ... ecms 2009 workshop preliminary timetable:

cvssp newsletter - guildford - cvssp. newsletter. faculty of ... fixed and mobile networks), digital broadcast production, ... reconfiguration of the witness camera setup. the system has

twenty-second aaai conference on artificial intelligence - twenty-second aaai conference on artificial intelligence (aaai-07) ... evaluation methods for machine learning ii w5: ... 2007. camera-ready copy ...

lncs 4158 - a novel autonomic rapid application ... - methods is also increasing. ... in 3g mobile networks, ... for a digital camera within a specified price range and technical

session: tua1-01 humanoids i - dynamic control of a bipedal walking ... comparison of alternate methods for distributed motion ... modeling and control of active end effector for the afm ...

issn: 2454-1362, http://onlinejournal an attack ... - ... as well as the dynamic capacity ... ip video camera or ... most these methods just can detect single malicious

proposal modular robotic systems - equip robot passive or active end effector. in these ... geometry and dynamic characteristics of the servo ... reconfiguration basis for exchange of

7th international conference on ubiquitous computing and ... - 7th international conference on ubiquitous computing and ambient intelligence ... networks (vanet), ambient ... methods, approaches and ...

papers multiphase systems - geintra-uah - papers multiphase systems ... decoupled dynamic control for pitch ... a distributed tdma scheduling algorithm for target tracking in ultrasonic sensor networks ...

przegl?d elektrotechniczny vol 2012, no 12a - przegl?d elektrotechniczny vol 2012, no 12a ... in fault location methods for distribution networks ... network reconfiguration for optimal ...