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**Metin kutuları arasındaki açılır menülerden arama operatörlerini seçerek sorgu kutuları arasındaki ilişkiyi tanımlayın.**

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AND  in

AND  
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Volume: 17 Issue: 9  
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## A Scalable and Processing

Publisher: IEEE

5 Author(s) Elaheh S

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A new efficient partial node update for wireless sensor networks node

Bong Wan Kim ; Jae Hong Ruy ; Seong-Soon Joo  
2008 International Conference on Intelligent Sensors, Sensor Network Processing  
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M. Udin Harun Al Rasyid ; Ferry Astika Saputra ; Zen Samsono Hadi ; Alfian Fahmi

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- enumeration
- hot swap
- octet
- signal conditioning
- smart transducer

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**A new efficient partial node update for wireless sensor networks using a simulated virtual node**

Bong Wan Kim ; Jae Hong Ruy ; Seong-Soon Joo

2008 International Conference on Intelligent Sensors, Sensor Networks and Information Processing

Year: 2008 | Conference Paper | Publisher: IEEE

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**Beacon-enabled IEEE 802.15.4 wireless sensor network performance**

M. Udin Harun Al Rasyid ; Ferry Astika Saputra ; Zen Samsono Hadi ; Alfian Fahmi

2013 IEEE International Conference on Communication, Networks and Satellite (COMNETSAT)

Year: 2013 | Conference Paper | Publisher: IEEE

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- sensor
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- transducer
- Transducer Electronic Data Sheet (TEDS)
- address
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- data sheet
- electronic data sheet
- enumeration
- hot swap
- octet
- signal conditioning

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- Sensor Data Management System in Sensor Network for Low Power**  
YoungBag Moon ; YeonJun Choi ; SeungKi Hong ; InHwan Lee  
2008 10th International Conference on Advanced Communication Technology  
Year: 2008 | Volume: 1 | Conference Paper | Publisher: IEEE  
▶ Abstract   (1214 Kb) 

- Beacon-enabled IEEE 802.15.4 wireless sensor network performance**  
M. Udin Harun Al Rasyid ; Ferry Astika Saputra ; Zen Samsono Hadi ; Alfian Fahmi  
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- An energy-efficient on-demand multicast routing protocol for wireless ad hoc and sensor networks**  
Jie Hao ; Guojian Duan ; Baoxian Zhang ; Cheng Li  
2013 IEEE Global Communications Conference (GLOBECOM)  
Year: 2013 | Conference Paper | Publisher: IEEE  
▶ Abstract  (266 Kb) 

- Sensor Network Node Management and Implementation**  
YoungBag Moon ; JongYoung Lee ; SangJoon Park  
2008 10th International Conference on Advanced Communication Technology  
Year: 2008 | Volume: 2 | Conference Paper | Publisher: IEEE  
Cited by: Papers (6)  
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# A new efficient partial node update for wireless simulated virtual node

Publisher: IEEE

Author(s) Bong Wan Kim ; Jae Hong Ruy ; Seong-Soon Joo View All Authors

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Kaynakla ilgili bilgileri görüntüleyebilirsiniz.



## Abstract

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#### I. Introduction

#### II. Related Works

#### III. Partial Update Method

#### IV. Experiments

#### V. Conclusion

### Authors

### Figures

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## Abstract:

We should consider many variable factors when deploying sensor nodes to a real field. However, we used to face with new unpredictable conditions in a field. On-demand node updating technique is very useful in these cases. Low power consumption is another requirement for sensor nodes because sensor nodes are generally distributed in wide area using small batteries only. In this paper, we suggest a new low power partial update technique for reducing power and time to update the sensor nodes.

**Published in:** 2008 International Conference on Intelligent Sensors, Sensor Networks and Information Processing

**Date of Conference:** 15-18 Dec. 2008

**INSPEC Accession Number:** 10401155

**Date Added to IEEE Xplore:** 23 January 2009

**DOI:** 10.1109/ISSNIP.2008.4761983

► **ISBN Information:**

**Publisher:** IEEE

**Conference Location:** Sydney, NSW, Australia

## SECTION I. Introduction

Wireless sensor networks are a useful solution for environmental monitoring, building control, home automation, surveillance, performance, and so on. In this paper, we





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