

A Wearable Computer Wireless Sensor Network

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Abstract: *The article proposes a type of interface using wearable computers as intelligent wireless sensor nodes and describes the architecture of wireless sensor networks (WSN), as well as the design that can satisfy the network's demand for wearable computers' intelligent nodes. The interface of the software system is studied dynamically generated, key problems such as dynamic service load, analyses the key problems affecting the overall experiment system performance, and proves the feasibility of the proposed interface.*

Keywords: Wireless sensor network, Wearable computer, Dynamic interface generation, Dynamic service loading

REFERENCES

- [1]. Rasheed A'Mahapatra R N.The Three-Tier Security Scheme in Wireless Sensor Networks with Mobile Sinks[J].IEEE Transactions on Parallel & Distributed Systems'2016'23^5V. 958-965.
- [2]. Perrig A' Szewczyk R'Tygar J D.SPINS. Security Protocols for Sensor Networks [J].Wireless Networks 2014'8^5V.521-534.
- [3]. Han G'Jiang J'Shu L.Management and Applications of Trust in Wireless Sensor Networks.A survey[J].Journal of Computer & System Sciences'2014'80^3V.602-617.
- [4]. Fang W'Zhang C'Shi Z. BTRES-Beta-Based Trust and Reputation Evaluation System for wireless sensor networks[J].Journal of Network & Computer Applications' 2015'6^13V.1-7.
- [5]. Syed M S'Safdar H B. Neighbor Node Trust Based Intrusion Detection System for WSN[J].Procedia Computer Science' 2015'8^3V.183-188.
- [6]. Hossein J'Mohammad R A. A Fuzzy Fully Distributed Trust Management System in Wireless sensor Networks[J].International Journal of Electronics and Communications'2015'9^17V.1-10.
- [7]. Luo Z'Wan R'Si X. An Improved ACO-Based Security Routing Protocol for Wireless Sensor Networks[J]. Proceedings of the 2013 International Conference on Computer Sciences and Applications. IEEE Computer Society'2013'10^27V.90 -93.
- [8]. Kellner A'Alfandi O'Hogrefe D. A Survey on Measures for Secure Routing in Wireless Sensor Networks[J]. International Journal of Sensor Networks and Data Communications'2012' 1^10V.1-17.
- [9]. Chakrabarti A'Parekh V'Ruia A. A Trust Based Routing Scheme for Wireless Sensor Networks[J]. Lecture Notes of the Institute for Computer Sciences Social Informatics & Telecommunications Engineering 2012'1^84V.159-168.