

**WIRELESS NETWORKS: FROM THE PHYSICAL LAYER
TO COMMUNICATION, COMPUTING, SENSING AND
CONTROL**

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Wireless Sensor Network (WSN) Architecture And Applications

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Wireless Networks: From the Physical Layer to Communication, Computing, Sensing and Control Jizhong Zhao, An empirical study on hidden tag problem, International Journal of Distributed Sensor Networks, , p, January .

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This work provides an interesting discussion about the reliability and availability of a WSN, particularly if it is considered Sensing and Control a router node can be a redundant device. In addition, the power, mobility, and task management planes monitor the power, movement, and task distribution among the sensor nodes. It is important to understand how the communications paradigm is evolving and to develop methodologies for the design of flexible, efficient networks.

Section 5 describes the proposed methodology for the reliability and availability. However, this computation is only valid if the repair processes are all independent and if the number of repairman is i . The usual solution is to adopt an approach that automatically generates the fault tree based on the network specification. The physical layer emphasizes on the transmission media between sending Sensing and Control receiving nodes, the data rate, signal strength, frequency types are also addressed in this layer.

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