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Intelligent Sensor Networks The Integration

Although governments worldwide have invested significantly in intelligent sensor network research and applications, few books cover intelligent sensor networks from a machine learning and signal processing perspective. Filling this void, **Intelligent Sensor Networks: The Integration of Sensor Networks, Signal Processing and Machine Learning** focuses on the close integration of sensing, networking, and smart signal processing via machine learning.

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This book focuses on the close integration of sensing, networking, and smart signal processing via machine learning. Based on their world-class research, the authors present the fundamentals of intelligent sensor networks. They cover sensing and sampling, distributed signal processing, and intelligent signal learning.

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However, most designs target general sensor network issues including protocol stack (routing, MAC, etc.) and security issues. This book focuses on the close integration of sensing, networking, and smart signal processing via machine learning. Based on their world-class research, the authors present the fundamentals of intelligent sensor networks. They cover sensing and sampling, distributed signal processing, and intelligent signal learning.

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Intelligent Sensor Networks The Integration of Sensor ...

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“Sensor Intelligence.” to Organize the Factory of the ...

With sensor technology being incorporated into these technologies, demands from an increasing number of autonomous and intelligent applications can be met. This special issue is intended to provide a forum for presenting, exchanging and discussing the most recent advances in different aspects of integrating wireless sensor networks with emerging technologies.

International Journal of Sensor Networks (IJSNet)Call for ...

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Sensor fusion is combining of sensory data or data derived from disparate sources such that the resulting information has less uncertainty than would be possible when these sources were used individually. The term uncertainty reduction in this case can mean more accurate, more complete, or more dependable, or refer to the result of an emerging view, such as stereoscopic vision (calculation of ...

Sensor fusion - Wikipedia

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The Internet of Military Things (IoMT) is the application of IoT technologies in the military domain for the purposes of reconnaissance, surveillance, and other combat-related objectives. It is heavily influenced by the future prospects of warfare in an urban environment and involves the use of sensors, munitions, vehicles, robots, human-wearable biometrics, and other smart technology that is ...

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