



## Isochronous Wireless Network for Real-time Communication in Industrial Automation (Technologien für die intelligente Automation)

By Henning Trsek

Springer Vieweg. Paperback. Condition: New. 168 pages. This thesis investigates an isochronous wireless network for industrial control applications with guaranteed latencies and jitter. Based on a requirements analysis of real industrial applications and the characterisation of the wireless channel, the solution approach is developed and consists of a TDMA-based medium access control, a dynamic resource allocation and the provision of a global time base for the wired and the wireless network. The global time base allows a seamless and synchronous integration into existing wired Real-time Ethernet systems. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.



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