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2.3.2. Classification of routing protocols; 2.3.3. Expected routing protocol properties; 2.3.4. QoS routing problems; 2.4. Best-effort routing protocols in MANETs
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3.2.4. Transmission technologies 3.2.5. Routing algorithms; 3.2.6. Main commercial offerings; 3.2.7. Key issues; 3.2.8. Projects on sensor networks; 3.3. Autonomic sensor networks; 3.3.1. Autonomic networking; 3.3.2. Self-configuration of sensor networks; 3.3.3. Self-healing of sensor networks; 3.3.4. Self-optimization of sensor networks; 3.3.5. Self-protection of sensor networks; 3.3.6. Projects relating to autonomy in sensor networks; 3.4. An example of self-configuration; 3.4.1. Energy optimization and automatic classification; 3.4.2. The LEA2C energy optimization algorithm
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4.6.1. Symmetric mutual authentication

Sommario/riassunto

Embedded systems become more and more complex and require having some knowledge in various disciplines such as electronics, data processing, telecommunications and networks. Without detailing all the aspects related to the design of embedded systems, this book, which was written by specialists in electronics, data processing and telecommunications and networks, gives an interesting point of view of communication techniques and problems in embedded systems. This choice is easily justified by the fact that embedded systems are today massively communicating and that telecommunications and network
