Evolution of Cognitive Networks and Self-Adaptive Communication Systems

Part of the Advances in Wireless Technologies and Telecommunication (AWTT) Book Series

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Cognitive networks can be crucial for the evolution of future communication systems; however, current trends have indicated major movement in other relevant fields towards the integration of different techniques for the realization of self-aware and self-adaptive communication systems.

Evolution of Cognitive Networks and Self-Adaptive Communication Systems overviews innovative technologies combined for the formation of self-aware, self-adaptive, and self-organizing networks. By aiming to inform the research community and the related industry of solutions for cognitive networks, this book is essential for researchers, instructors, and professionals interested in clarifying the latest trends resulting in a unified realization for cognitive networking and communication systems.

Topics Covered:
- Cognitive Radio
- Cooperative Networks
- Energy Efficiency
- Mobility Management in Cognitive Networks
- Self-Adaptive Networks
- Self-Managing Networks
- Spectrum Management Issues

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