



technologies



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Wearable Technologies

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In the future, wearable technology will revolutionize the way we live. The current trend is to augment ordinary wearable objects – e.g. watches, glasses, bracelets, and clothing – with advanced information and communication technologies such as sensors, electronics, software, connectivity, and power sources. These wearable devices can monitor and assist the user in the management of his/her daily life with applications that range from activity tracking, sport and wellness, mobile games, and environmental monitoring, up to e-health.

This book explores recent advances in the multidisciplinary field of wearable technologies and the important remaining gaps that must be addressed in order to obtain a massive diffusion.

Articles in this book address topics that include wearable sensing and bio-sensing technologies, smart textiles, smart materials, wearable microsystems, low-power and embedded circuits for data acquisition, and processing and data transmission.



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