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Actuation; Flexible Displays on Textiles for Personal Protection; Conductivity Based Sensors for Protection and Healthcare; Optical Chemical Sensors and Personal Protection Ergonomics of Protective Clothing Heat Strain and Fit; Author Index

Sommario/riassunto

Technology is the key to combating terrorism and protecting ordinary citizens, first responders and soldiers, among others, from danger. The area of intelligent textiles has a high potential for payoff in the fight against terrorism. Each chapter in the book provides an in-depth assessment of one particular facet of this emerging discipline - from analysis of the threats and sensing technologies to ergonomics of protecting clothing - presented by leading international experts.