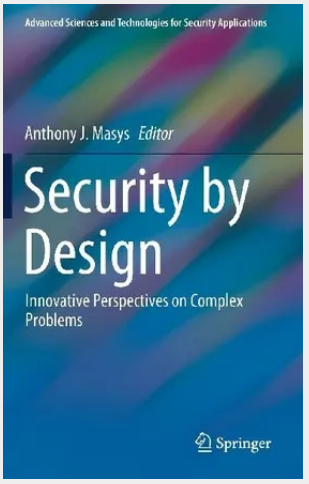
Masys

Security by Design

Innovative Perspectives on Complex Problems



This edited book captures salient global security challenges and presents ‘design’ solutions in dealing with wicked problems. Through case studies and applied research this book reveals the many perspectives, tools and approaches to support security design. Security design thereby can support risk and threat analysis, risk communication, problem framing and development of interventions strategies. From the refugee crisis to economic slowdowns in emerging markets, from ever-rising numbers of terrorist and cyberattacks to global water shortages, to the proliferation of the Internet of Things and its impact on the security of our homes, cities and critical infrastructure, the current security landscape is diverse and complex. These global risks have been in the headlines in the last year (Global Risks Report) and pose significant security challenges both nationally and globally. In fact, national security is no longer just national. Non-state actors, cyber NGO, rising powers, and hybrid wars and crimes in strategic areas pose complex challenges to global security. In the words of Horst Rittel (1968):"Design is an activity, which aims at the production of a plan, which plan -if implemented- is intended to bring about a situation with specific desired characteristics without creating unforeseen and undesired side and after effects."

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