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""5.7 - Animal rights radicalism from the psychological, organizational, and motivational perspective""""5.8 - Justification of violence""; ""Part Three - Environmental Extremism""; ""6 - Radical Ecology a€? Ideological Development of the Radical Wing of the Environmental Movement""; ""6.1 - Toward radical ecology""; ""6.2 - Deep ecology""; ""6.3 - Anarchist social ecology""; ""7 - Environmental Movement: The Origins, Development, and Radicalization""; ""7.1 - Conservationism vs. preservationism""; ""7.2 - The birth of environmentalism""; ""7.3 - The birth of environmental radicalism""
""9.5 - Leaderless resistance in the ecoextremist movement""""10 - a €œLone Wolvesa€? Strategy: The Case of Volkert van der Graaf and Theodore Kaczynski""; ""10.1 - Terrorism of lone wolves""; ""10.2 - Volkert van der Graaf""; ""10.3 - Theodore Kaczynski""; ""Part Five - Developmental Perspectives""; ""11 - New Terrorism: Determinants, Working Methods, and Directions of Development""; ""11.1 - Globalization and terrorism""; ""11.2 - Internet and terrorism""; ""11.3 - Cyberterrorism""; ""11.4 - Swarming""; ""12 - The Future of Ecological Extremism""; ""13 - Conclusions""; ""References""
""Index""

Sommario/riassunto

As concerns about human treatment of the environment and animals have increased over the years, so have decentralized and extremist groups related to these causes. Environmental and Animal Rights Extremism, Terrorism, and National Security analyzes the international development of radical movements relating to environmental concerns and animal rights in the context of the threats they pose to national security. In addition to tracing the factors responsible for the rapid growth of these movements over the last 25 years, this text presents countermeasures that governments can deploy to neutral

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Optical Coherence Elastography (Elbau et al.) -- The finite element method and balancing principle for magnetic resonance imaging (Beilina et al.).

Sommario/riassunto

This proceedings volume gathers peer-reviewed, selected papers presented at the “Mathematical and Numerical Approaches for Multi-Wave Inverse Problems” conference at the Centre Internacional de Rencontres Mathématiques (CIRM) in Marseille, France, in April 2019. It brings the latest research into new, reliable theoretical approaches and numerical techniques for solving nonlinear and inverse problems arising in multi-wave and hybrid systems. Multi-wave inverse problems have a wide range of applications in acoustics, electromagnetics, optics, medical imaging, and geophysics, to name but a few. In turn, it is well known that inverse problems are both nonlinear and ill-posed: two factors that pose major challenges for the development of new numerical methods for solving these problems, which are discussed in detail. These papers will be of interest to all researchers and graduate students working in the fields of nonlinear and inverse problems and its applications.