1. Record Nr. UNINA9910552760803321

Autore	Boker Goeffrey C
Titolo	Sensing In/Security : Sensors as transnational security infrastructures / / editors Nina Klimburg-Witjes, Nikolaus Poechhacker & Geoffrey C. Bowker
Pubbl/distr/stampa	Mattering Press, 2020 Project Muse Baltimore, Maryland : , 2021
Edizione	[Pre-print.]
Descrizione fisica	1 online resource (64 pages) : : illustrations (some color)
Soggetti	Security, International - Technological innovations Internal security - Technological innovations Detectors - Social aspects Remote sensing - Social aspects Security systems - Social aspects Electronic surveillance - Social aspects Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Foreword / Lucy Suchman -- Introduction / Nina Klimburg-Witjes, Nikolaus Poechhacker & Geoffrey C. Bowker -- Micro-climates of (in) security in Santiago : sensors, sensing and sensations / Martin Tironi and Matias Valderrama -- Smart cities, smart borders : sensing networks and security in the urban space / Ilia Antenucci.
Sommario/riassunto	Sensing In/Security is a book project that investigates how sensors and sensing practices enact regimes of security and insecurity. It extends long standing concerns with infrastructuring and emergent modes of surveillance and securitization by investigating how digitally networked sensors shape practices of securitization. Contributions in this volume engage with the ways in which sensing devices gain political and epistemic relevance in various forms of security, from border security and migration control to drone regulation, epidemiological tracking,

	aerial surveillance and hacking practices. Using infrastructure and infrastructuring as a conceptual lens, these studies explore the conditions of possibility of sensing threats and in/security, rendering multiple worlds tangible and (sometimes even more importantly) intangible. Instead of solely focusing on the specific sensory devices and their consequences, this collection engages with the emergence of sensor infrastructures and networks and the shaping of such 'macro entities' as international organizations, states and the European Union.

2. Record Nr. UNINA9910346689503321

Autore	Cai Jianchao
Titolo	Flow and Transport Properties of Unconventional Reservoirs 2018 / Jianchao Cai, Harpreet Singh, Zhien Zhang, Qinjun Kang
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783039211173 303921117X
Descrizione fisica	1 electronic resource (364 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Unconventional reservoirs are usually complex and highly heterogeneous, such as shale, coal, and tight sandstone reservoirs. The strong physical and chemical interactions between fluids and pore surfaces lead to the inapplicability of conventional approaches for characterizing fluid flow in these low-porosity and ultralow-permeability reservoir systems. Therefore, new theories and techniques are urgently needed to characterize petrophysical properties, fluid transport, and their relationships at multiple scales for improving production efficiency from unconventional reservoirs. This book presents fundamental innovations gathered from 21 recent works on

novel applications of new techniques and theories in unconventional reservoirs, covering the fields of petrophysical characterization, hydraulic fracturing, fluid transport physics, enhanced oil recovery, and geothermal energy. Clearly, the research covered in this book is helpful to understand and master the latest techniques and theories for unconventional reservoirs, which have important practical significance for the economic and effective development of unconventional oil and gas resources.