1. Record Nr. UNINA9910746096303321

Autore	Atkinson III Mitchell
Titolo	Alterity and the Flint Water Crisis : Phenomenological Insights into Social Invisibility / / by Mitchell Atkinson III
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-40776-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (263 pages)
Collana	Contributions to Phenomenology, In Cooperation with The Center for Advanced Research in Phenomenology, , 2215-1915 ; ; 127
Disciplina	363.310977437
Soggetti	Phenomenology Social sciences - Philosophy Race Social Philosophy Race and Ethnicity Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction -- 2. Prolegomena on Theory: Rector, Actor, Other -- 3. We Got Flint Babies through the Grueling 80s: A Moment of Autoethnography -- 4. Intentionality -- 5. Intuition -- 6. The Phenomenological Method -- 7. Genesis, Habituality, Type -- 8. Quintipartite Method and World-Disclosure -- 9. Historical Determinants for Environmental Disaster -- 10. Ethnography, Interviews and Analysis -- 11. Discussion, Implication, Synthesis.
Sommario/riassunto	This text develops a novel methodology for social investigation into the Flint (Michigan, USA) water crisis by using classical Husserlian phenomenology as its point of departure. To develop a proper method in a case like this, the author uses as primary data the experiences of the affected community. The text investigates philosophically how a water crisis happens as well as the structures of power responsible. This book grounds contemporary theories of power in a phenomenology of social experience. Key to that grounding is the careful elaboration of subject positions in power structures as partially constitutive of lifeworlds (lebensumwelten) for consciousness. The applied phenomenological tools unravel the central enigma of how a

		community’s concerns and the dictates of power can become so disastrously estranged. This text appeals to researchers and students working not just in phenomenology and philosophy but also to those working in the field of environmental humanities and on social justice issues.
2.	Record Nr.	UNINA9911003595703321
	Autore	Jadbabaie Arian
	Titolo	Measuring Fundamental Symmetry Violation in Polyatomic Molecules / / by Arian Jadbabaie
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
	ISBN	9783031849053
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (XXII, 330 p. 79 illus., 65 illus. in color.)
	Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5061
	Disciplina	539 530.8
	Soggetti	Atoms Metrology Particles (Nuclear physics) Low temperatures Quantum field theory Spectrum analysis Measurement Measuring instruments Metrology and Fundamental Constants Particle Physics Low Temperature Physics Elementary Particles, Quantum Field Theory Spectroscopy Measurement Science and Instrumentation
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

Nota di contenuto	1 Introduction -- 2 Molecules -- 3 Producing Cold Molecules -- 4 YbOH Spectroscopy -- 5 State Preparation and Measurement -- 6 Conclusions.
Sommario/riassunto	This thesis presents major advances toward the realization of quantum control in complex molecules for applications in precision metrology. Polyatomic molecules engineered to be sensitive to new fundamental particles and forces are a powerful platform to search for physics beyond the Standard Model. A major limitation to this application, as well as any other relying on the complete quantum control of complex polyatomic molecules, is that fully understanding them remains a research frontier. This thesis represents several major steps toward the goal of quantum control in complex molecules, including tailored laser-driven chemistry to enhance their production, high-resolution spectroscopy to understand their structure, including the critical role of symmetry, and successful implementation of coherent quantum control. This thesis lays the foundation for fundamental studies in nuclear physics, particle physics, and physical chemistry using engineered, quantum-controlled molecules.