

1. Record Nr.	UNINA9910480070103321
Autore	Smith Gavin A.
Titolo	Intellectuals and (counter-) politics : essays in historical realism / / Gavin Smith
Pubbl/distr/stampa	New York ; ; Oxford, England : , : Berghahn, , 2014 ©2014
ISBN	1-78533-347-X 1-78238-301-8
Descrizione fisica	1 online resource (254 p.)
Collana	Dislocations ; ; Volume 12
Disciplina	303.48 303.48/4
Soggetti	Intellectuals - Political activity Ethnology - Political aspects Social movements Protest movements Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Introduction; Chapter 1 - Capital: Structural, Phenomenological, Financial; Chapter 2 - The Scales of Ethnography; Chapter 3 - Perspectives in Realist History; Chapter 4 - History's Absent Presence; Chapter 5 - History as Possibilities; Chapter 6 - Conditions of Possibility; Conclusion; References; Index
Sommario/riassunto	Contemporary forms of capitalism and the state require close analytic attention to reveal the conditions of possibility for effective counter-politics. On the other hand the practice of collective politics needs to be studied through historical ethnography if we are to understand what might make people's actions effective. This book suggests a research agenda designed to maximize the political leverage of ordinary people faced with ever more remote states and technologies that make capitalism increasingly rapacious. Gavin Smith opens and closes this series of interlinked essays by proposing

2. Record Nr.	UNINA9910768449603321
Autore	Takabe Hideaki
Titolo	The Physics of Laser Plasmas and Applications - Volume 1 : Physics of Laser Matter Interaction // by Hideaki Takabe
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-49613-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (395 pages)
Collana	Springer Series in Plasma Science and Technology, , 2511-2007
Disciplina	530.44 530.443
Soggetti	Plasma (Ionized gases) Lasers Photonics Physics Astrophysics Nuclear fusion Plasma Physics Optics, Lasers, Photonics, Optical Devices Mathematical Methods in Physics Astrophysics and Astroparticles Nuclear Fusion
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction -- Part I: Non-relativistic Lasers -- Chapter 2. Laser absorption by Coulomb collision -- Chapter 3. Ultra-short pulse and collisionless absorption -- Chapter 4. Nonlinear physics of laser plasma interaction -- Part II: Relativistic Lasers -- Chapter 5. Relativistic laser electron interactions -- Chapter 6. Relativistic laser plasma interactions -- Chapter 7. Relativistic laser and solid target interactions -- Chapter 8. Relativistic laser heating in plasmas -- Chapter 9. Theory of Stochasticity and Chaos of Electrons in Relativistic Lasers -- Appendices.
Sommario/riassunto	The series of books discusses the physics of laser and matter

interaction, fluid dynamics of high-temperature and high-density compressible plasma, and kinetic phenomena and particle dynamics in laser-produced plasma. The book (Vol.1) gives the physics of intense-laser absorption in matter and/or plasma in non-relativistic and relativistic laser-intensity regime. In many cases, it is explained with clear images of physics so that an intuitive understanding of individual physics is possible for non-specialists. For intense-laser of 10^{13-16} W/cm², the laser energy is mainly absorbed via collisional process, where the oscillation energy is converted to thermal energy by non-adiabatic Coulomb collision with the ions. Collisionless interactions with the collective modes in plasma are also described. The main topics are the interaction of ultra-intense laser and plasma for the intensity near and over 10^{18} W/cm². In such regime, relativistic dynamics become essential. A new physics appears due to the relativistic effects, such as mass correction, relativistic nonlinear force, chaos physics of particle motions, and so on. The book provides clearly the theoretical base for challenging the laser-plasma interaction physics in the wide range of power lasers. It is suitable as a textbook for upper-undergraduate and graduate students as well as for readers who want to understand the whole physics structure about what happen when an intense-laser irradiates any materials including solids, gas etc. Explaining the physics intuitively without complicated mathematics, it is also a valuable resource for engineering students and researchers as well as for self-study.
