

1. Record Nr.	UNINA9910741155603321
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Titolo	Antihydrogen and Fundamental Physics // by Michael Charlton, Stefan Eriksson, Graham M. Shore
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-51713-6
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (VIII, 95 p. 8 illus., 3 illus. in color.)
Collana	SpringerBriefs in Physics, , 2191-5431
Disciplina	535.84
Soggetti	Elementary particles (Physics) Quantum field theory General relativity (Physics) Elementary Particles, Quantum Field Theory General Relativity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Fundamental Principles -- Antihydrogen -- Other Antimatter Species -- Summary and Outlook.
Sommario/riassunto	The advent of high-precision antihydrogen spectroscopy has opened up the possibility of direct tests with unprecedented accuracy of some of the most fundamental principles of physics, notably Lorentz and CPT symmetry and the Einstein equivalence principle. This book reviews these principles, emphasising their interconnections in quantum field theory and general relativity and the special role of antimatter, and explores how they may be tested in current and forthcoming experiments on antihydrogen. Original research results relevant to the experimental programme of the ALPHA collaboration at CERN are presented, together with the implications for antihydrogen of proposed theories featuring novel 'fifth-force' interactions.

2. Record Nr.	UNINA9910135751003321
Titolo	Child welfare
Pubbl/distr/stampa	[New York], : Child Welfare League of America
ISSN	2833-5619
Descrizione fisica	1 online resource (volumes) : illustrations
Disciplina	362
Soggetti	Child welfare - United States Child Welfare Enfants - Protection, assistance, etc Child welfare Periodical Periodicals. United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed