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Autore	Zenczykowski Piotr <1950->
Titolo	Elementary particles and emergent phase space / / Piotr Zenczykowski, Institute of Nuclear Physics, Poland
Pubbl/distr/stampa	New Jersey : , : World Scientific, , [2014] ©2014
ISBN	981-4525-69-3
Descrizione fisica	1 online resource (232 p.)
Disciplina	530.13/3
Soggetti	Phase space (Statistical physics) Particles (Nuclear physics) 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	Introduction -- Reality and its description -- Classical and quantum aspects of reality -- Time for a change -- The standard model and the subparticle paradigm -- The problem of mass -- Constituent quarks and spacetime points -- Elementary particles and macroscopic space -- Phase space and its symmetries -- Quantizing phase space -- Elementary particles from a phase-space perspective -- Generalizing the concept of mass -- Overview.
Sommario/riassunto	The Standard Model of elementary particles, although very successful, contains various elements that are put in by hand. Understanding their origin requires going beyond the model and searching for ""new physics"". The present book elaborates on one particular proposal concerning such physics. While the original conception is 50 years old, it has not lost its appeal over time. Its basic idea is that space - an arena of events treated in the Standard Model as a classical background - is a concept which emerges from a strictly discrete quantum layer in the limit of large quantum numbers. This bo

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Autore	Kaufman Arie
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Descrizione fisica	1 online resource (178 p.;)
Collana	ACM Conferences
Disciplina	006.6/9
Soggetti	Computer graphics Three-dimensional display systems Engineering & Applied Sciences Technology - General
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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