

1. Record Nr.	UNISA996390516903316
Autore	Phayer Thomas <1510?-1560.>
Titolo	A boke of presidentes exactlye written in maner of a register, newelye corrected [[electronic resource] ] : wyth addicions of dyuers necessary presidents mete for al suche, as desire to learne the fourme and maner howe to make all maner of evidences [and] instruments as in the table of this booke more plainlye appeareth
Pubbl/distr/stampa	[Imprinted at London, : In Fletestrete within temple barre, at the signe of the hande and starre, by Richard Tottyll], Anno do. 1559 [1561]
Descrizione fisica	[16], Clix leaves
Soggetti	Conveyancing - Great Britain Forms (Laws) - Great Britain
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	By Thomas Phayer. Imprint from colophon. Actual publication date from STC. Has almanac for 1563-86 on unfoliated leaf 8r (A8r). At foot of title page: Cum priuilegio. Running title reads: The booke of sundry instrumentes. The last leaf is blank. Reproduction of the original in the British Library.
Sommario/riassunto	eebo-0018

2. Record Nr.	UNINA9910767510203321
Autore	Bao Changhua
Titolo	Electronic Band Structure Engineering and Ultrafast Dynamics of Dirac Semimetals / / by Changhua Bao
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-9953-25-1
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (91 pages)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5061
Disciplina	530.411
Soggetti	Condensed matter Semiconductors Optics Optical materials Photonics Materials science - Data processing Electronic structure Quantum chemistry - Computer programs Condensed Matter Physics Light-Matter Interaction Optical Materials Ultrafast Photonics Electronic Structure Calculations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Experimental Techniques -- Development of Novel Trarpes With Tunable Probe Photon Energy for 3D Quantum Materials -- Chiral Symmetry Breaking in Kekulé-ordered Graphene -- Coexistence of Flat Band and Kekulé Order.
Sommario/riassunto	This book highlights the doctoral research of the author on electronic band structure engineering and ultrafast dynamics of Dirac semimetals. Dirac semimetals exhibit unique electronic band structure and novel physical properties with rich light-matter interaction, which inspires a wide range of potential applications. Enabling band engineering and

revealing ultrafast dynamics of Dirac semimetals is therefore important. In the research work covered by the book, the first ultrafast time- and angle-resolved photoemission spectroscopy with tunable probe photon energy is developed, providing new opportunities for exploring ultrafast dynamics in 3D quantum materials. Using the spectroscopy, the author investigates the band structure engineering and ultrafast dynamics of Dirac semimetals, realizing the long-sought-after chiral symmetry breaking in a Kekulé-ordered graphene with flat band and revealing the ultrafast dynamics of Dirac fermions in 3D Dirac semimetal for the first time. The work advances the research of the electronic structure of Dirac semimetals in two aspects. Firstly, it identifies the Kekulé-ordered graphene as a new system for exploring chiral symmetry breaking- related physics and flat band- induced instability, providing a very rare system to investigate their interplay. Secondly, it solves the long-standing challenge of directly visualizing the non-equilibrium electronic structure of 3D Dirac semimetal and opens up new opportunities for exploring the light-matter interaction in 3D quantum materials, especially the light-induced topological phase transitions in 3D topological materials.

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