

1. Record Nr.	UNISA996387680103316
Titolo	The Kings Maiesties speech as it was deliuered by him in the vpper house of the Parliament to the Lords spirituall and temporall, and to the knights, citizens and burgesses there assembled on Munday the 19 day of March 1603 [[electronic resource]] : being the first day of this present Parliament and the first Parliament of His Majesties raigne
Pubbl/distr/stampa	At Edinburgh, : Printed by Thomas Finlason, 1604
Descrizione fisica	[23] p
Altri autori (Persone)	James, King of England, <1566-1625.>
Soggetti	Great Britain History James I, 1603-1625
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Signatures: A-C. Reproduction of original in the British Library.
Sommario/riassunto	eebo-0018

2. Record Nr.	UNINA9910767522103321
Autore	Masrouf Rachid
Titolo	Magneto-electronic, Optical, and Thermoelectric Properties of Perovskite Materials // by Rachid Masrouf
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031489679 3031489675
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (128 pages)
Collana	SpringerBriefs in Materials, , 2192-1105
Disciplina	620.198
Soggetti	Perovskite (Mineral) Materials science - Data processing Materials - Analysis Density functionals Mathematical physics Computer simulation Perovskites Computational Materials Science Materials Characterization Technique Density Functional Theory Computational Physics and Simulations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Calculation methods: Monte Carlo Simulation and Ab Initio Calculations -- Magnetocaloric Effect, Electronic and Magnetic Properties in Manganite Perovskites -- Study of Magnetocaloric Effect, Electronic and Magnetic Properties of Ferrite Perovskites -- Magnetic and Magnetocaloric, Electronic, Magneto-optical, and Thermoelectric Properties of Perovskite Chromites -- Magnetic Properties and Magnetocaloric in Double Perovskite Oxides -- Magnetocaloric and Magnetic Properties of Bilayer Manganite -- Magnetocaloric Properties of Surface Effects in Perovskites Ferromagnetic Thin Films -- Effect of Magnetic Field on the Magnetocaloric and Magnetic Properties of Orthoferrites Perovskite.

This book undertakes an extensive exploration of manganese-based compounds, such as TSr_xMnO ($T = \text{La, Pr}$; $x = 0.35, 0.25$) using density functional theory and Monte Carlo simulations with a focus on understanding their electronic, magnetic, and magnetocaloric properties. BaSr_xFeO ($x = 0, 0.2$) is also studied via different approximations, offering a comparative perspective. In addition, the book looks at the influence of magnetism using Monte Carlo simulations, revealing crucial parameters and examining the GdCrO system through DFT and Monte Carlo simulation, shedding light on recent experimental observations. Additionally, Monte Carlo studies investigate magnetic and magnetocaloric features of SrFeMoO , LaSrMnO bilayer manganite, perovskite ferromagnetic thin films' surface effects, and SmFeMn_xO perovskite. In essence, this book significantly advances our comprehension of magnetic and magnetocaloric phenomena across diverse materials and is well-suited for both experimentalists and computational researchers working in this field.
