

1. Record Nr.	UNINA9910619472303321
Autore	Privitera Stefania M. S
Titolo	Synthesis, Properties and Applications of Germanium Chalcogenides
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2022
ISBN	3-0365-5262-6
Descrizione fisica	1 electronic resource (154 p.)
Soggetti	Technology: general issues Chemical engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Germanium (Ge) chalcogenides are characterized by unique properties that make these materials interesting for a very wide range of applications from phase change memories to ovonic threshold switches and from photonics to thermoelectric and photovoltaic devices. In many cases, their physical properties can be finely tuned by doping or by changing the amount of Ge, which may therefore play a key role in determining the applications, performance, and even the reliability of these devices. In this book, we include 11 articles, mainly focusing on applications of Ge chalcogenides for non-volatile memories. Most of the papers have been produced with funding received from the European Union's Horizon 2020 Research and Innovation program under grant agreement n. 824957. In the Special Issue "BeforeHand: Boosting Performance of Phase Change Devices by Hetero- and Nanostructure Material Design", two contributions are related to the prototypical Ge<sub>2</sub>Sb<sub>2</sub>Te<sub>5</sub> compound, which is the most studied composition, already integrated in many devices such as optical and electronic memories. Five articles focus on Ge-rich GeSbTe alloys, exploring the electrical and the structural properties, as well as the decomposition paths. Other contributions are focused on the effect of the interfaces and on nanowires.</p>

2. Record Nr.	UNINA9910345999603321
Titolo	Die sowjetischen Geheimdienste in der SBZ/DDR von 1945 bis 1953 // Jan Foitzik ; Nikita W. Petrow
Pubbl/distr/stampa	Berlin, : de Gruyter, 2009
ISBN	1-282-71723-5 9786612717239 3-11-023015-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (527 p.)
Collana	Texte und Materialien zur Zeitgeschichte ; ; Bd. 17
Classificazione	NQ 6050
Altri autori (Persone)	FoitzikJan PetrovN. V (Nikita Vasilevich)
Disciplina	943/.10874
Soggetti	History, Modern - 20th century Germany (East) Foreign relations Soviet Union Germany History 1945-1955
Lingua di pubblicazione	Tedesco
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	Frontmatter -- Inhaltsverzeichnis -- Abkürzungsverzeichnis -- Der Apparat des NKWD-MGB der UdSSR in Deutschland: Politische Repression und Herausbildung deutscher Staatssicherheitsorgane in der SBZ/DDR 1945-1953 -- Dokumentenverzeichnis -- Teil I: Formierung und Dislozierung der Operativen Gruppen -- Teil II: Tätigkeitsbereiche -- Teil III: Personal und Alltag -- Backmatter
Sommario/riassunto	After 1945, the Soviet secret services made a significant contribution to the formation of the GDR along Soviet lines. Mass arrests and ""purges"" accompanied the activities of the military branches of the NKVD-MVD and MGB. This source work, opening with a well-researched introduction to the historical context, is the first in the German language to examine the role of the Soviet secret police in the Soviet occupied zone and subsequently the GDR. Documented are the NKVD-MGB's formation, field of activity and daily routines.