

1. Record Nr.	UNINA9910514199003321
Titolo	Cuba y America Latina : desafios del legado revolucionario / / presentacion Elaine Morales Chuco ; Delia Luisa Lopez Garcia [y otros 4]
Pubbl/distr/stampa	Buenos Aires : , : CLACSO, , 2017
ISBN	987-722-259-0
Descrizione fisica	1 online resource (278 paginas)
Collana	Becas de investigacion
Disciplina	335.4347
Soggetti	Socialism - Cuba Democracy - Cuba Socialismo Democracia Historia latinoamericana Relaciones internacionales Libros electronicos. Cuba History 1959- Cuba Relations Latin America Cuba
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Contiene bibliografia.

2.	Record Nr.	UNINA9910144988903321
	Titolo	Circulation Cardiovascular genetics
	Pubbl/distr/stampa	Hagerstown, MD, : Lippincott Williams & Wilkins
	ISSN	1942-3268
	Disciplina	616
	Soggetti	Cardiovascular system - Diseases - Genetic aspects Cardiovascular Diseases - genetics Periodical Periodicals.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
	Note generali	Refereed/Peer-reviewed Journal of the American Heart Association.
3.	Record Nr.	UNINA9910807339103321
	Autore	Klinger Michael I
	Titolo	Glassy disordered systems : glass formation and universal anomalous low-energy properties / / Michael I. Klinger, Bar-Ilan University, Israel
	Pubbl/distr/stampa	Singapore, : World Scientific, 2013 New Jersey : , : World Scientific, , [2013] 2013
	ISBN	981-4407-48-8
	Descrizione fisica	1 online resource (xii, 326 pages) : illustrations
	Collana	Gale eBooks
	Disciplina	620.1/44 620.144
	Soggetti	Glass - Effect of high temperatures on Glass - Thermomechanical properties Atomic structure
	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	Preface; CONTENTS; I. Fundamental Properties of Glasses; 1. General Description of Glasses and Glass Transition; 1.1. Metastability and disorder. Types of glasses; 1.2. Qualitative description of glass (liquid-to-glass) transition; 1.3. Kinetic and thermodynamic properties; 1.4. Slow relaxation processes; 2. Models of Glassy (Topologically Disordered) Structures; 2.1. Characteristics of glassy structures; 2.2. Homogeneous (ideal) models; 2.3. Inhomogeneous (cluster) models; 3. Some Theoretical Models of Glass Transition; 3.1. Vogel-Fulcher relation and "entropy crisis" 3.2. Role of configurational entropy, free-volume effects and "defects" diffusion 3.3. Mode-coupling model: Dynamic liquid-glass transition; 4. Kohlrausch-William-Watt (KWW) Relaxation; 4.1. General features of slow relaxation processes; 4.2. Parallel-diffusion relaxation models; 4.3. Correlated, hierarchically constrained, relaxation models; 4.4. Concluding remarks; II. Anomalous Low-Energy Dynamics of Glasses; 5. Origin of Anomalous Low-Energy Properties of Glasses; 6. Experimental Background for Anomalous Low-Energy Atomic Dynamics; 6.1. Very low temperatures and frequencies 6.2. Moderately low temperatures and frequencies 7. Soft-Mode Model of Low-Energy Atomic Dynamics; 7.1. Atomic soft modes and related potentials; 7.2. Probability distribution densities; 7.3. Low-energy excitations: Density of states and concentration; 7.4. Interaction of soft-mode excitations with acoustic phonons; 8. Soft-Mode Excitations of Very Low and "Intermediate" Energies; 8.1. Soft-mode tunneling states (independent two-level systems); 8.2. Soft-mode excitations of "intermediate" energies; 9. Tunneling States as Very Low Energy Limit Case 9.1. Standard tunneling model: Independent two-level systems 9.2. Advanced tunneling model: Interacting two-level systems; 9.2.1. Mean-field approximation: "Spectral diffusion"; 9.2.2. Many-body effects: Collective excitations; 10. Soft-Mode Excitations of Moderately-Low Energies (Boson Peak); 10.1. Ioffe-Regel crossover for acoustic phonons as origin of boson peak; 10.2. Independent soft-mode vibrational excitations; 10.3. Total vibrational density of independent soft-mode states; 10.4. Generalization for interacting harmonic excitations 10.5. Total vibrational density of states: dynamic properties 10.6. Width (attenuation) of acoustic phonons; 10.7. Thermal vibrational properties of glasses; 11. On Universal and Non-Universal Dynamic Properties of Glasses; 11.1. Very low temperatures and frequencies; 11.1.1. On universality of basic distributions in ATM; 11.1.2. On universality of soft-mode distribution in SMM; 11.2. Moderately low temperatures and frequencies; 12. Other Models for Glasses with High Frequency Sound; 12.1. Theoretical mode-coupling model; 12.2. Theoretical random-matrix model 12.3. Comparison with the soft-mode model
Sommario/riassunto	The present book describes the fundamental features of glassy disordered systems at high temperatures (close to the liquid-to-glass transition) and for the first time in a book, the universal anomalous properties of glasses at low energies (i.e. temperatures/frequencies lower than the Debye values) are depicted. Several important theoretical models for both the glass formation and the universal anomalous properties of glasses are described and analyzed. The origin and main features of soft atomic-motion modes and their excitations, as well as their role in the anomalous properties, are considered.

