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Autore	Garrido Castellano Carlos
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Soggetti	Literature European literature Latin American literature Labor History Comparative literature Literature, Modern - 20th century Literature, Modern - 21st century World Literature European Literature Latin American/Caribbean Literature Labor History Comparative Literature Contemporary Literature
Lingua di pubblicazione	Inglese
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Nota di contenuto	1. Introduction. Carlos Garrido Castellano and Ana Albuquerque -- 2. A Portuguese Nightmare: Resisting Neoliberalism and Neocolonialism in the Contemporary Portuguese Novel. Paulo de Medeiros -- 3. Hands Interweaving Words: José Saramago's Creative Work as a Subversion of Neoliberalism. Daniela Maduro -- 4. "Desconsegur": Narrative Dualities between Movement and Stillness in Kalaf Epalanga's Também os Brancos Sabem Dançar. Ana Albuquerque -- 5. Cultural Labor and the

Angolan Historical Novel. Inocência Mata -- 6. And When Are You Going Back?! Narratives of Return and Identity Building in Diasporic Brazilian and Portuguese literatures. Liz Maria Teles de Sá Almeida -- 7. Lugar de Fala (Place of Speech) and the "New Voices" in 21st Century Brazilian Fiction. Karl Erik Schøllhammer -- 8. Brazilian Literature in Times of Political Setbacks. Regina Dalcastagnè -- 9. The Jaguar's Story: Imagining Decoloniality in Micheliny Verunsch's *O som do rugido da onça*. Leila Lehen -- 10. The Author as Curator in Recent Brazilian Fiction. Luciene Azevedo -- 11. Barbarism without Civilization: Reading Mia Couto through a Latin American Lens. Kristian Van Haesendonck -- 12. Portuguese-speaking African Writers in the World-Literary Marketplace. Thomas Waller -- 13. Power, gender and sexuality in contemporary Cape Verde: On Evel Rocha's *Marginals*. Mário César Lugarinho -- 14. Precarity Frontier: Cape Verdean Literature as World Literature. Emanuelle Santos -- 15. Cultural Labor and Historical Fiction in Contemporary Macau. Fernanda Gil Costa.

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### Sommario/riassunto

This book examines the evolution of contemporary narrative in Portuguese from the point of view of cultural labour. The main objective of this volume is to analyse the panorama of contemporary literary fiction in Portuguese under the prism of the economization of cultural creativity and the expansion of neoliberal understanding of creative subjectivity and self-realization. Assuming that neoliberalism still constitutes a haunting presence that becomes present in ways that are far from universal and homogeneous and that are shaped by coloniality, this book expands the debates on cultural labour and literary materialisms beyond European and North American contexts. Dealing with contemporary literary production from Brazil, Portugal, Angola, Mozambique, Cabo Verde, Macau, Canada and Goa, the volume also tries to reimagine issues of cultural labour and the expansion of artistic modes of self-definition from the point of view of contemporary literary production in Portuguese. Carlos Garrido Castellano is Senior Lecturer/Associate Professor in University College Cork, Ireland, where he coordinates a BA programme on Portuguese Studies. He is also Senior Associate Researcher at the Visual Identities in Art and Design (VIAD), University of Johannesburg, South Africa. He is Principal Investigator of the IRC Laureate Consolidator Project "Assessing the Contemporary Art Novel in Spanish and Portuguese: Cultural Labour, Personal Identification and the Materialisation of Alternative Art Worlds (ARTFICTIONS)" and the author of *Beyond Representation in Contemporary Caribbean Art* (2019), *Art Activism for an Anticolonial Future* (2021) and *Literary Fictions of the Contemporary Art System* (2023).

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2. Record Nr.	UNINA9911020088303321
Autore	IAkushevich L. V (Liudmila Vladimirovna)
Titolo	Nonlinear physics of DNA / / Ludmila V. Yakushevich
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, c2004
ISBN	9786610519972 9781280519970 1280519975 9783527603701 3527603700 9783527604739 3527604731
Edizione	[2nd, rev. ed.]
Descrizione fisica	1 online resource (208 p.)
Disciplina	572.8/633
Soggetti	DNA - Structure DNA - Conformation Nonlinear mechanics Biophysics
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 (p. [175]-187) and index.
Nota di contenuto	Nonlinear Physics of DNA; Contents; Preface to the First Edition; Preface to the Second Edition; Dedication; 1 DNA Structure; 1.1 Chemical Composition and Primary Structure; 1.2 Spatial Geometry and Secondary Structure; 1.3 Forces Stabilizing the Secondary DNA Structure; 1.3.1 Hydrogen Interactions; 1.3.2 Stacking Interactions; 1.3.3 Long-range Intra- and Inter-backbone Forces; 1.3.4 Electrostatic Field of DNA; 1.4 Polymorphism; 1.5 Tertiary Structure; 1.5.1 Superhelicity; 1.5.2 Structural Organization in Cells; 1.6 Approximate Models of DNA Structure; 1.6.1 General Comments 1.6.2 Hierarchy of Structural Models1.7 Experimental Methods of Studying DNA Structure; 2 DNA Dynamics; 2.1 General Picture of the DNA Internal Mobility; 2.2 Twisting and Bending Motions; 2.3 Dynamics of the Bases; 2.3.1 Equilibrium State; 2.3.2 Possible Motions of the Bases; 2.4 Dynamics of the Sugar-Phosphate Backbone; 2.4.1

Equilibrium State; 2.4.2 Possible Motions of the Sugar-Phosphate Backbone; 2.5 Conformational Transitions; 2.5.1 B $\rightarrow$ A Transition; 2.5.2 B $\rightarrow$ Z Transition; 2.6 Motions Associated with Local Strands Separation; 2.6.1 Base-pair Opening Due to Rotations of Bases 2.6.2 Transverse Displacements in Strands 2.7 Approximate Models of DNA Dynamics; 2.7.1 The Main Principles of Modeling; 2.7.2 Hierarchy of Dynamical Models; 2.8 Experimental Methods for Studying DNA Dynamics; 2.8.1 Raman Scattering; 2.8.2 Neutron Scattering; 2.8.3 Infrared Spectroscopy; 2.8.4 Hydrogen-Deuterium (-Tritium) Exchange; 2.8.5 Microwave Absorption; 2.8.6 NMR; 2.8.7 Charge-transfer Experiments; 2.8.8 Single Molecule Experiments; 3 DNA Function; 3.1 Physical Aspects of DNA Function; 3.2 Intercalation; 3.3 DNA-Protein Recognition; 3.4 Gene Expression; 3.5 Regulation of Gene Expression 3.6 Replication 4 Linear Theory of DNA; 4.1 The Main Mathematical Models; 4.1.1 Linear Rod-like Model; 4.1.1.1 Longitudinal and Torsional Dynamics: Discrete Case; 4.1.1.2 Longitudinal and Torsional Dynamics: Continuous Case; 4.1.1.3 Bending Motions; 4.1.2 Linear Double Rod-like Model; 4.1.2.1 Discrete Case; 4.1.2.2 Continuous Case; 4.1.3 Linear Models of Higher Levels; 4.1.3.1 The Third-Level Models; 4.1.3.2 The Fourth-level (Lattice) Models; 4.2 Statistics of Linear Excitations; 4.2.1 Phonons in the Rod-like Model; 4.2.1.1 General Solution of the Model Equations 4.2.1.2 Secondary Quantum Representation 4.2.1.3 Correlation Functions; 4.2.2 Phonons in the Double Rod-like Model; 4.2.2.1 General Solution of the Model Equations; 4.2.2.2 Secondary Quantum Representation; 4.2.2.3 Correlation Functions; 4.2.3 Phonons in the Higher-level Models; 4.3 Scattering Problem; 4.3.1 Scattering by 'Frozen' DNA; 4.3.2 Elastic Scattering; 4.3.3 Inelastic Scattering; 4.4 Linear Theory and Experiment; 4.4.1 Fluorescence Depolarization; 4.4.2 Low-frequency Spectra: Neutron Scattering, Infrared scattering, Raman Scattering, Speed of Sound 5 Nonlinear Theory of DNA: Ideal Dynamical Models

## Sommario/riassunto

The first edition of this book was the first on the physics of DNA to go beyond the simple (simplified) 'linear' approach, and it has since been found that the inclusion of nonlinear effects leads to a significantly improved interpretation of experimental data. This new edition naturally retains this approach, but has been completely revised, updated and expanded to cover recent developments. Beginning with introductory chapters on DNA structure and dynamics, the book also includes a comparison between linear and nonlinear approaches to the DNA molecule, a chapter devoted to the statistics