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Autore	Knutson Jesse Ross
Titolo	Into the twilight of Sanskrit court poetry : the Sena salon of Bengal and beyond / / Jesse Ross Knutson
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Descrizione fisica	1 online resource (223 p.)
Collana	South Asia across the disciplines
Disciplina	891/.21009
Soggetti	Sanskrit poetry - History and criticism Poetics - History - To 1500 Bengal (India) Intellectual life Bengal (India) Court and courtiers
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Nota di contenuto	Front matter -- Contents -- Acknowledgments -- Introduction -- 1. The Political Poetic of the Sena Court -- 2. Poetic Antigravity: Govardhana's rysaptaat -- 3. The Vernacular Cosmopolitan: Jayadeva's Gtagovinda -- 4. Vulgar Kvya: Bau Cands's rksrttana -- Conclusion: The Tropography of the Sena World -- Appendix A. The Complete Verses Attributed to the Sena Kings -- Appendix B. The Complete Verses Attributed to Govardhana (Not Found in the rysaptaat) -- Appendix C. The Complete Verses Attributed to Jayadeva (not found in the Gtagovinda) -- Appendix D. Gtagovinda-rksrttana Correspondences -- Notes -- Bibliography -- Index
Sommario/riassunto	At the turn of the twelfth-century into the thirteenth, at the court of King Laksmanasena of Bengal, Sanskrit poetry showed profound and sudden changes: a new social scope made its definitive entrance into high literature. Courtly and pastoral, rural and urban, cosmopolitan and vernacular confronted each other in a commingling of high and low styles. A literary salon in what is now Bangladesh, at the eastern extreme of the nexus of regional courtly cultures that defined the age, seems to have implicitly reformulated its entire literary system in the context of the imminent breakdown of the old courtly world, as Turkish

	power expanded and redefined the landscape. Through close readings of a little-known corpus of texts from eastern India, this ambitious book demonstrates how a local and rural sensibility came to infuse the cosmopolitan language of Sanskrit, creating a regional literary idiom that would define the emergence of the Bengali language and its literary traditions.

2.

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Autore	Tsai C. Stan
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Nota di contenuto	BIOMACROMOLECULES; CONTENTS; Preface; Abbreviations in Repetitive Use; CHAPTER 1 INTRODUCTION; 1.1 Prelude; 1.2 Covalent Bonds; 1.3 Noncovalent Interactions; 1.3.1 Electrostatic Interaction; 1.3.2 Van der Waals Interaction; 1.3.3 Hydrogen Bond; 1.3.4 Hydrophobic Interaction; 1.3.5 Steric Repulsion; 1.4 Isomerism: Configuration versus Conformation; 1.5 Trilogy; 1.6 References; CHAPTER 2 MONOMER CONSTITUENTS OF BIOMACROMOLECULES; 2.1 Nucleotides: Constituents of Nucleic Acids; 2.2 -Amino Acids: Constituents of

Proteins; 2.3 Monosaccharides: Constituents of Glycans; 2.4 Addendum; 2.5 References
CHAPTER 3 PURIFICATION AND CHARACTERIZATION3.1 Purification: Overview; 3.2 Purification: Chromatography; 3.3 Purification: Electrophoresis; 3.4 Characterization: General; 3.4.1 Purity; 3.4.2 Molecular Weight; 3.4.3 Molecular Dimension; 3.5 Characterization: Specific; 3.5.1 Melting Temperature of DNA; 3.5.2 Buoyant Density of Biomacromolecules; 3.5.3 Isoelectric pH of Proteins; 3.5.4 Removal of Glycosides from Glycoproteins; 3.6 References; CHAPTER 4 BIOMACROMOLECULAR STRUCTURE: NUCLEIC ACIDS; 4.1 Structural Organization; 4.1.1 Structural Hierarchy
4.1.2 Representation of Structures of Nucleic Acids4.2 Sequence Analysis of Nucleic Acids; 4.2.1 General; 4.2.2 Chemical Cleavage Method; 4.2.3 Enzymatic Chain Termination/Dideoxy Method; 4.2.4 Mass Spectrometric Analysis; 4.2.5 Automated DNA Sequencing Technology; 4.3 Secondary Structure and Structure Polymorphism of DNA; 4.3.1 Key Structural Features of Nucleic Acids; 4.3.2 DNA Polymorphism; 4.3.3 Alternative Structures of DNA; 4.4 Supercoiling and Tertiary Structure of DNA; 4.4.1 DNA Topoisomers; 4.4.2 Superhelical Density and Energetics of Supercoiling.
4.5 Classification and Structures of RNA4.5.1 Structures of RNA; 4.5.2 Transfer RNA; 4.5.3 Ribosomal RNA; 4.5.4 Messenger RNA; 4.5.5 Other Classes of RNA; 4.6 RNA Folds and Structure Motifs; 4.6.1 RNA Folds; 4.6.2 Structure Motifs of RNA; 4.7 Energetics of Nucleic Acid Structure; 4.8 Nucleic Acid Application; 4.9 References; CHAPTER 5 BIOMACROMOLECULAR STRUCTURE: PROTEINS; 5.1 Architecture of Protein Molecules; 5.1.1 Introduction; 5.1.2 Representation of Protein Structures; 5.2 Primary Structure of Proteins: Chemical and Enzymatic Sequence Analysis; 5.2.1 Amino Acid Composition
5.2.2 Peptide Cleavage, Separation and Analysis5.2.3 Terminal and Sequence Determination; 5.2.4 Peptide Ladder Sequencing; 5.3 Primary Structure of Proteins: Sequence Analysis by Tandem Mass Spectrometry; 5.3.1 An Application of Mass Spectrometry (MS) in Protein Chemistry; 5.3.2 Application of Tandem Mass Spectrometry (MS-MS) in Protein Sequence Analysis; 5.4 Conformational Map; 5.5 Secondary Structures and Motifs of Proteins; 5.5.1 -Helical Structure; 5.5.2 -Sheet Structure; 5.5.3 Nonrepetitive Structure: Connection (Loop) and Turn; 5.5.4 Notes to Secondary Structures of Globular Proteins
5.5.5 Motifs: Supersecondary Structures

Sommario/riassunto

This book provides an integrated treatment of the structure and function of nucleic acids, proteins, and glycans, including thorough coverage of relevant computational biochemistry. The text begins with an introduction to the biomacromolecules, followed by discussion of methods of isolation and purification, physiochemical and biochemical properties, and structural characteristics. The next section of the book deals with sequence analysis, analysis of conformation using spectroscopy, chemical synthesis, and computational approaches. The following chapters discuss biomolecular interactions, e