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Nota di contenuto	Bengali; Editorial page; Title page; LCC data; Table of contents; Preface; Abbreviations; Glosses; Transliteration; Chapter 1. Introduction; 1. Bangla and its speakers; 2. History (Language and Literature); 3. The bangla lexicon; 4. Sadhu bhasha; 5. Bengali linguistics; Chapter 2. Sound system; 2.1 Phonemes; 2.1.1 Single vowels; 2.1.2 Vowel sequences; 2.1.3 Nasalised vowels; 2.1.4 Semivowel/glide; 2.1.5 Consonants; 2.1.6 consonant clusters or sequences; 2.2 syllable structure; 2.3 Vowel harmony; 2.4 Consonant assimilation; 2.5 The inherent vowel 2.5.1 Presence or absence of the inherent vowel; 2.5.2 pronunciation; Chapter 3. The Bengali script; Alphabetical order of letters; Spellings and sounds; positioning of vowels; vowels; consonants; additional symbols; conjuncts; consonant vowel combinations; Chapter 4. Word formation; 4.1 Prefixes and suffixes; 4.1.1 Prefixes; 4.1.1.1 Sanskrit and Bangla prefixes; 4.1.2 Suffixes; 4.2 Adjective derivations; 4.3 Noun derivations; 4.4 Verbal patterns; Chapter 5. Morphology; 5.1 Parts of speech (overview); 5.2 Nouns; 5.2.1 Types of nouns; 5.2.2 Bare nouns; 5.2.3 Gender 5.2.4 The classifiers - overview; 5.2.5 the classifiers- one by one;

5.2.5.1 ta; 5.2.5.2 ti; 5.2.5.3 jn; 5.2.5.4 khana and khani; 5.2.5.5 gulo, guli (occasionally gula); 5.2.5.6 tuku; 5.2.6 Plural formation; 5.2.7 Definite - indefinite; 5.2.8 Animate - inanimate; 5.2.9 Ordinary - honorific; 5.2.10 Count - non-count; 5.2.11 Case; 5.2.11.1 Nominative; 5.2.11.2 Genitive; 5.2.11.3 Objective; 5.2.11.4 Locative; 5.2.12 Multiple noun attachments; 5.3 Pronouns; 5.3.1 Personal and possessive pronouns; 5.3.2 Inanimate pronouns; 5.3.3 Relative pronouns; 5.3.4 Interrogative pronouns  
5.3.5 Indefinite pronouns; 5.3.6 Deictic pronouns; 5.4 Verbs; 5.4.1 Verb classes; 5.4.2 Vowel mutation; 5.4.3 Verb forms; 5.4.4 Imperatives; 5.4.5 Non-finite verb forms; 5.4.6 Incomplete verbs, isolated verb forms and verbal fragments; 5.5 Adjectives; 5.5.1 Types of adjectives; 5.5.2 Attributive uses; 5.5.3 Predicative uses; 5.5.4 Verbal adjectives; 5.5.5 Comparison of adjectives; 5.5.6 Quantifiers; 5.5.7 Distributive adjectives; 5.5.7.1 Proti each; 5.5.7.2 Protyek each; 5.6 Adverbs; 5.6.1 Formation of adverbs; 5.6.1.1 With kore; 5.6.1.2 With bhabe  
5.6.1.3 Adding -e (a locative ending) to some adjectives and nouns; 5.6.1.4 Adverbs in -to; 5.6.2 Uses of adverbs; 5.6.2.1 Adverbs modifying verbs; 5.6.2.2 Adverbs modifying adjectives or other adverbs; 5.6.2.3 Sentence adverbs; 5.6.3 Semantic groups; 5.6.3.1 Time adverbials; 5.6.3.2 Adverbs of frequency; 5.6.3.3 Adverbs of place; 5.6.3.4 Adverbs of manner; 5.6.3.5 Adverbs of vagueness; 5.6.3.6 Adverbs of degree; 5.6.4 Order of adverbs; 5.7 Postpositions; 5.7.1 Common postpositions - overview; 5.7.2 Individual postpositions in context; 5.7.2.1 age; 5.7.2.2 upore (also upor, opor); 5.7.2.3 kache; 5.7.2.4 chara

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## Sommario/riassunto

Bangla (Bengali), an Eastern Indo-Aryan Language, is the national language of Bangladesh with 150 million speakers and the state language of Paschim Banga (West Bengal) in India with 90 million speakers. There are sizeable communities of Bengalis scattered all over the world. Altogether, the number of native speakers make Bangla the fifth or sixth largest language in the world. Like Hindi and other South Asian languages, Bangla has subject-object-verb word order, postpositions, causative and compound verbs. Unlike Hindi it has no gender.

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Descrizione fisica	1 online resource (XXV, 640 p. 285 illus., 184 illus. in color.)
Collana	Springer Proceedings in Physics, , 1867-4941 ; ; 207
Disciplina	620.11
Soggetti	Building materials Semiconductors Mechanics, Applied Solids Electrochemistry Mechanics Structural Materials Solid Mechanics Classical Mechanics
Lingua di pubblicazione	Inglese
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Nota di contenuto	From the contents: Coded Control of Piezoactuator Nano- and Microdisplacement for Mechatronics Systems -- On Free Vibration Analysis of FGPM Cylindrical Shell Excited under d15 Effect -- Sequential Cold Expansion and Resulting Beneficial Residual Stress Prediction around Adjacent Fastener Holes -- Structural and Electronic Properties of CuS.- Post-Treatment of Pt-M(M=Cu,Co,Ni)/C Electrochemicals with Different Distribution of Metals in Nanoparticles -- Linking Geopolymer Kinetics to Material Fresh Property for Construction-Scale Additive Manufacturing Process -- Matrix Density -- Comparative Study of Cantilever Carbon Nanotube with Carbon Nanotube System -- Influence of Nanosecond Electromagnetic Pulses on the Structural Characteristics, Physico-Chemical and Technological

This book presents selected peer-reviewed contributions from the 2017 International Conference on “Physics and Mechanics of New Materials and Their Applications”, PHENMA 2017 (Jabalpur, India, 14–16 October, 2017), which is devoted to processing techniques, physics, mechanics, and applications of advanced materials. The book focuses on a wide spectrum of nanostructures, ferroelectric crystals, materials and composites as well as promising materials with special properties. It presents nanotechnology approaches, modern environmentally friendly piezoelectric and ferromagnetic techniques and physical and mechanical studies of the structural and physical–mechanical properties of materials. Various original mathematical and numerical methods are applied to the solution of different technological, mechanical and physical problems that are interesting from theoretical, modeling and experimental points of view. Further, the book highlights novel devices with high accuracy, longevity and extended capabilities to operate under wide temperature and pressure ranges and aggressive media, which show improved characteristics, thanks to the developed materials and composites, opening new possibilities for different physico-mechanical processes and phenomena.