1. Record Nr. UNINA9910480330403321

Autore	Koshelev Alexey
Titolo	On the Genesis of Thought and Language / / Alexey Koshelev
Pubbl/distr/stampa	Boston, MA : , : Academic Studies Press, , [2020] ©2020
ISBN	1-64469-315-1
Descrizione fisica	1 online resource (236 pages)
Disciplina	400
Soggetti	Language and languages Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Front matter -- Contents -- In lieu of a foreword -- Chapter 1. The evolutionary-synthetic approach and its concepts -- Chapter 2. The genesis of human concepts and propositions. The initial stage of language. Aristotle and Chomsky on thought and language -- Chapter 3. The effect of culture on language: The case of the Amazonian tribe Pirahã -- References -- Name index -- Subject index -- Lexical index
Sommario/riassunto	In On the Genesis of Thought and Language, linguist Alexey Koshelev explores fundamental questions of how human concepts arise in a child, why concepts appear in a child before words, the genesis of language, and why there are so many languages. Chapter One introduces the fundamental dichotomy "visual (exogenous) vs. functional (endogenous)" cognitive units; these units are used to give non-verbal definitions of mental representations of various objects, actions, and situations. In particular, definitions of such concepts as GLASS, CHAIR, BANANA, TREE, LAKE, RUN, and some others are given. Chapter Two discusses how children form concepts, hierarchical relationships, and propositions (conceptual 'utterances'). It is shown that the initial units of the child's representation of the world are pre-conceptual cognitive units-mental representations of whole situations. In the course of two consecutive cycles in the child's cognitive development, these units transform into (a) primary notions-object and motor concepts, and (b) binary role relationships. Together, they

constitute the elementary language of thought which, in the process of thinking, is used to build conceptual structures-propositions. It is further demonstrated that, immediately after the formation of thought, the child begins to develop his native language in which concrete and motor concepts become initial meanings of nouns and verbs, while propositions become the meanings of the child's expressions. The chapter concludes with a contrastive analysis of the proposed approach and Aristotle's and Chomsky's views on thought and language. Chapter Three analyzes how a community's culture affects its language. It is demonstrated that the progress of a community, the main constituent of the civilizational component of its culture, enhances the development of the content component of language by extending the range of its lexical and grammatical meanings. In the context of this analysis, Daniel Everett's (2008) hypothesis that culture affects language structure is discussed. In the subsequent sections, models of the development of human and social activity are offered. These models comprise three components: Activity (main component), Thought, and Language (auxiliary components that ensure the successful realization of activities). The models are illustrated with examples of some concrete societies.

2.

Record Nr.	UNINA9910451570403321
Autore	McLeod Julie <1958->
Titolo	Making modern lives [[electronic resource]] : subjectivity, schooling, and social change / / Julie McLeod and Lyn Yates
Pubbl/distr/stampa	Albany, NY, : State University of New York Press, c2006
ISBN	0-7914-8174-3 1-4237-8547-9
Descrizione fisica	1 online resource (289 p.)
Collana	SUNY series power, social identity, and education
Altri autori (Persone)	YatesLyn <1949->
Disciplina	306.43/2/0994
Soggetti	Education - Social aspects - Australia Students - Australia Subjectivity Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 257-267) and index.
Nota di contenuto	Modern lives, subjectivity, schooling and social change -- Researching subjectivity and schooling--on method and what it means to work with theory -- What is a good student? -- Becoming someone as project and as process -- Dreams and pathways : identity-making and vocational choices -- Who is "us"? : Australian students on politics, racism ethnicity and unemployment -- Class in the new world and the new economy -- Gender themes in a changing world -- Schooling, schooling politics and making modern lives.

3. Record Nr. UNINA9910878000603321

Autore	Arrillaga J
Titolo	Power system harmonics / / Jos Arrillaga and Neville R. Watson
Pubbl/distr/stampa	West Sussex, England ; ; Hoboken, NJ, : J. Wiley & Sons, c2003
ISBN	9786610273911 9781280273919 1280273917 9780470299791 0470299797 9780470871218 0470871210 9781601195517 1601195516 9780470871225 0470871229
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (413 p.)
Altri autori (Persone)	WatsonN. R
Disciplina	621.319/21
Soggetti	Electric power systems Harmonics (Electric waves)
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	POWER SYSTEM HARMONICS; Contents; Preface; 1 Subject Definition and Objectives; 1.1 Introduction; 1.2 The Mechanism of Harmonic Generation; 1.3 Definitions and Standards; 1.3.1 Factors Influencing the Development of Standards; 1.3.2 Existing Harmonic Standards; 1.3.3 General Harmonic Indices; 1.4 Relevance of the Topic; 1.5 References; 2 Harmonic Analysis; 2.1 Introduction; 2.2 Fourier Series and Coefficients; 2.3 Simplifications Resulting from Waveform Symmetry; 2.4 Complex Form of the Fourier Series; 2.5 Convolution of Harmonic Phasors; 2.6 The Fourier Transform; 2.7 Sampled Time Functions 2.8 Discrete Fourier Transform (DFT)2.9 The Nyquist Frequency and Aliasing; 2.10 Fast Fourier Transform (FFT); 2.11 Window Functions; 2.11.1 The Picket Fence; 2.11.2 Spectral Leakage Reduction; 2.11.3

Choice of Window Function; 2.11.4 Main-Lobe Width Reduction; 2.11.5 Application to Inter-Harmonic Analysis; 2.12 Efficiency of FFT Algorithms; 2.12.1 The Radix-2 FFT; 2.12.2 Mixed-Radix FFT; 2.12.3 Real-Valued FFTs; 2.12.4 Partial FFTs; 2.13 Alternative Transforms; 2.13.1 The Wavelet Transform; 2.13.2 Automation of Disturbance Recognition; 2.14 Discussion; 2.15 References; 3 Harmonic Sources 3.1 Introduction 3.2 Transformer Magnetisation Nonlinearities; 3.2.1 Normal Excitation Characteristics; 3.2.2 Determination of the Current Waveshape; 3.2.3 Symmetrical Overexcitation; 3.2.4 Inrush Current Harmonics; 3.2.5 D.C. Magnetisation; 3.3 Rotating Machine Harmonics; 3.3.1 M.m.f. Distribution of A.C. Windings; 3.3.2 Three-Phase Winding; 3.3.3 Slot Harmonics; 3.3.4 Voltage Harmonics Produced by Synchronous Machines; 3.3.5 Rotor Saliency Effects; 3.3.6 Voltage Harmonics Produced by Induction Motors; 3.4 Distortion Caused by Arcing Devices; 3.4.1 Electric Arc Furnaces
3.4.2 Discharge-Type Lighting 3.5 Single-Phase Rectification; 3.5.1 D. C. Power Supplies; 3.5.2 Line-Commutated Railway Rectifiers; 3.6 Three-Phase Current-Source Conversion; 3.6.1 Basic (Six-Pulse) Configuration; 3.6.2 Effect of Transformer Connection; 3.6.3 Twelve-Pulse Related Harmonics; 3.6.4 Higher-Pulse Configurations; 3.6.5 Effect of Transformer and System Impedance; 3.6.6 Direct Voltage Harmonics; 3.6.7 Imperfect D.C. Voltage Smoothing; 3.6.8 Half-Controlled Rectification; 3.6.9 Uncharacteristic Harmonic and Inter-Harmonic Generation
3.6.10 Frequency Cross-Modulation in Line-Commutated Converter Systems 3.7 Three-Phase Voltage-Source Conversion; 3.7.1 Multi-Level VSC Configurations; 3.8 Inverter-Fed A.C. Drives; 3.9 Thyristor-Controlled Reactors; 3.9.1 The Static VAR Compensator (SVC); 3.9.2 Thyristor-Controlled Series Compensation (TCSC); 3.10 Modulated Phase Control; 3.10.1 The Switching Function Approach; 3.10.2 Derivation of Input Current Harmonics; 3.11 A.C. Regulators; 3.11.1 Single-Phase Full-Wave Controller; 3.11.2 Integral Cycle Control; 3.12 Discussion; 3.13 References; 4 Effects of Harmonic Distortion
4.1 Introduction

Sommario/riassunto

Harmonic distortion problems include equipment overheating, motor failures, capacitor failure and inaccurate power metering. The topic of power system harmonics was covered for the first time 20 years ago and the first edition has become a standard reference work in this area. Unprecedented developments in power electronic devices and their integration at all levels in the power system require a new look at the causes and effects of these problems, and the state of hardware and software available for harmonic assessment. Following the successful first edition, this second edition of Power