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Autore	Keydana Gotz
Titolo	Infinitive im Rgveda : formen, funktion, diachronie / / by Gotz Keydana
Pubbl/distr/stampa	Leiden [et cetera] : , : Brill, , 2013
ISBN	90-04-24615-0
Descrizione fisica	1 online resource (407 p.)
Collana	Brill's studies in Indo-European languages & linguistics ; ; 9
Disciplina	491.29
Soggetti	Vedic language - Grammar Vedic language - Syntax Vedic language - Etymology
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	Front Matter -- Einführung -- Die Kategorie Infinitiv im Aindischen -- Semantik des altindischen Infinitivs -- Syntax des altindischen Infinitivs -- Nicht eindeutig kodierte Infinitive -- Infinitivkomplemente -- Die diachrone Perspektive -- Anhang: Tabellen zu Kapitel 5 -- Literaturverzeichnis -- Indexes.
Sommario/riassunto	Infinitive im Rgveda is an in-depth study of infinitives in Early Vedic, the language of the Rgveda. Infinitives in Vedic have been studied from various perspectives. This book, however, is the first to give a detailed account of the full range of the attested morphological, syntactic, and semantic types. Based on insights from formal semantics and syntactic theory, the author gives explicit analyses for each type, paying special attention to the grammatical functions involved and to the control relations which govern the reference of subjects in infinitive phrases. On a more general level, the book provides a framework for historical syntax and heuristics for studying syntactic categories in ancient languages. Infinitive im Rgveda wirft einen frischen Blick auf die umstrittene Kategorie Infinitiv im frühen Vedisch, der Sprache des Rgveda. Unter Berücksichtigung von Methoden und Erkenntnissen der Syntaxtheorie und der formalen Semantik wird die gesamte Bandbreite der belegten morphologischen Kodierungen, der syntaktischen Verwendungen und ihrer Semantik herausgearbeitet und ausführlich dokumentiert.

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Titolo	Electric vehicle design : design, simulation and applications / / edited by Krishan Arora, Suman Lata Tripathi and Himanshu Sharma
Pubbl/distr/stampa	Hoboken, NJ : , : John Wiley & Sons, Inc. Beverly, MA : , : Scrivener Publishing LLC, , 2024 Newark : , : John Wiley & Sons, Incorporated, , 2024 ©2024
ISBN	9781394205080 1394205082 9781394205097 1394205090 9781394205073 1394205074 9781394204373 139420437X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (358 pages)
Altri autori (Persone)	TripathiSuman Lata SharmaHimanshu
Disciplina	629.22/93
Soggetti	Electric vehicles - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- Preface -- Chapter 1 Development of Braking Systems in Fuel Cell Electric Vehicles -- 1.1 Introduction -- 1.2 Historical Background of Fuel Cell -- 1.3 ADVISOR -- 1.4 Why Hydrogen is Preferred -- 1.5 What is a Fuel Cell? -- 1.6 Working of Fuel Cells -- 1.7 Types of Fuel Cells -- 1.7.1 Direct Methanol Fuel Cell (DMFC) -- 1.7.2 Phosphoric Acid Fuel Cell (PAFC) -- 1.7.3 Alkaline Fuel Cell (AFC) -- 1.7.4 Solid Oxide Fuel Cell (SOFC) -- 1.7.5 Molten Carbonate Fuel Cell (MCFC) -- 1.8 Block Diagram of Vehicle on MATLAB/Simulink -- 1.9 Braking System in Vehicle -- 1.10 Regenerative Braking System -- 1.11 Anti-Lock Braking System (ABS) -- 1.11.1 Component of ABS -- 1.11.1.1 Wheel Speed Sensor --

Induction Motors -- 4.2.5 Switched Reluctance Motors -- 4.3 Power Electronic Converters -- 4.3.1 Bi-Directional DC-DC Converter -- 4.3.1.1 Non-Isolated Converters -- 4.3.1.2 Isolated Converters -- 4.4 Battery in Electric Vehicles -- 4.4.1 Types of Battery in Electric Vehicles -- 4.4.2 Traditional Battery Charging Approach -- 4.4.2.1 Constant Current (CC) Charging Approach -- 4.4.2.2 Constant Voltage (CV) Charging Approach -- 4.4.2.3 Constant Current-Constant Voltage (CC-CV) Charging Approach -- 4.4.2.4 Multi-Stage Constant Current (MCC) Approach -- 4.5 Conclusion -- References -- Chapter 5 Electric Vehicle and Design Using MATLAB -- List of Abbreviations -- 5.1 Introduction -- 5.2 Motivation -- 5.2.1 History of EVs -- 5.3 Basic Fundamentals of EVs -- 5.4 Why Electric Vehicles? -- 5.5 Comparison Between ICV and EV -- 5.6 Classification of EVs -- 5.7 Design and Structure of EV -- 5.7.1 HEV -- 5.7.2 FCEV -- 5.7.3 PHEV -- 5.7.4 Basic Design of EV -- 5.8 Mathematical Model of an Electric Vehicle -- 5.9 Control Strategy of EVs -- 5.10 Design Methodology for Electric Vehicles (EVs).
5.11 Latest Emerging Technology in EV -- 5.12 Performance Valuation of BLDC Motor and Induction Motor for Electric Vehicle Propulsion Application -- 5.12.1 A Mathematical Model for a Brushless DC (BLDC) Motor-Driven Electric Vehicle -- 5.12.2 Induction Motor -- 5.12.3 Mathematical Model for an Induction Motor-Driven Electric Vehicle -- 5.12.4 Induction Motor Design with Their Specifications -- 5.13 Conclusion -- References -- Chapter 6 Model Order Reduction of Battery for Smart Battery Management System -- 6.1 Introduction -- 6.2 Problem Formulation -- 6.3 Modeling of Battery -- 6.4 Methodology for Model Order Reduction -- 6.5 Result and Discussion -- 6.6 Conclusion -- Appendix -- References -- Chapter 7 Power Electronic Converters for Electric Vehicle Application -- 7.1 Introduction -- 7.2 Types of Electrical Vehicle and Role of Power Electronic Converter -- 7.2.1 Battery Electric Vehicles (BEVs) -- 7.2.1.1 Power Electronics in BEVs -- 7.2.2 Plug-In Hybrid Electric Vehicles (Plug-In HEVs) -- 7.2.2.1 Power Electronics in Plug-In Hybrid Electric Vehicles (Plug-In HEV) -- 7.2.3 Hybrid Electric Vehicles (HEVs) -- 7.2.3.1 Series Hybrid Electric Vehicles (SHEVs) -- 7.2.3.2 Parallel Hybrid Electric Vehicles (PHEVs) -- 7.2.3.3 Series-Parallel Hybrid Electric Vehicles (SPHEVs) -- 7.2.3.4 Power Electronics in Hybrid Electric Vehicles (HEVs) -- 7.2.4 Fuel Cell Electric Vehicles (FCEVs) -- 7.2.4.1 Power Electronics in Fuel Cell Electric Vehicles (FCEVs) -- 7.2.5 Solar Cell Electric Vehicles (SCEVs) -- 7.2.5.1 Power Electronics in Solar Cell Electric Vehicles (SCEVs) -- 7.3 Recent Development in Power Electronic Converter -- 7.4 Power Electronic Converters in Electric, Hybrid, and Fuel Cell Vehicles -- 7.4.1 Power Electronic Converters in EVs -- 7.4.2 Categorization of Power Electronic Converters -- 7.5 Challenges in Power Electronic Vehicular System.
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Chapter 10 EV Battery Charging System.

Sommario/riassunto

This book provides a comprehensive exploration of the development and design of electric vehicles (EVs) and fuel cell technologies. It covers topics such as braking systems, fuel cell types, smart energy management, and the integration of EVs into smart grids. The book also discusses the role of Internet of Things (IoT) in electric vehicle management, challenges in power electronics, and optimization algorithms for EV performance. It is intended for engineers, researchers, and professionals interested in the latest advancements in electric vehicle technology and design.