

对外汉语系列教材



汉语教程

HANYU JIAOCHENG

Suku Mandarin Comprehensive

第一册
JLID 1



对外汉语系列教材



汉语教程

HANYU JIAOCHENG

Suku Mandarin Comprehensive

第一册
JLID 2



对外汉语系列教材



汉语教程

HANYU JIAOCHENG

Suku Mandarin Comprehensive

第二册
JLID 3



Paket Hanyu Jiaocheng 1-6 (6 Buku)

对外汉语系列教材



汉语教程

HANYU JIAOCHENG

Suku Mandarin Comprehensive

第二册
JLID 4



对外汉语系列教材



汉语教程

HANYU JIAOCHENG

Suku Mandarin Comprehensive

第三册
JLID 5



对外汉语系列教材



汉语教程

HANYU JIAOCHENG

Suku Mandarin Comprehensive

第三册
JLID 6



Hanyu Jiaocheng

Istvan Kecskes, Chaofen Sun



Hanyu Jiaocheng:

Hanyu Jiaocheng Jizhou Yang, Hanyu Jiaocheng 7-8 Beijing Language, **Explorations into Chinese as a Second Language** Istvan Kecskes, 2017-06-23 This volume explores how linguistic research can support the teaching and learning of Chinese as a second language It responds to a rapidly growing interest in the Chinese language all over the world and answers the need for a strong research background for the discipline Without that Chinese language learning remains only a unique experience and or a useful education challenge The first section explores crucial issues about the structure and use of Chinese as a Second Language such as word order noun noun compounds meaning making in writing pronunciation and stress and tone The second section explores the learning of Chinese by seeking answer to questions about difficulties expectations beliefs use of corpus and learning how to express necessity The authors coming from eight different countries demonstrate how existing knowledge has been generated bring together different lines of research point out tendencies in the field demonstrate and explain what tools and methods researchers can use to address major issues in the field and give direction to what future research should focus on **Hanyu jiaocheng** Jizhou Yang, 2006 *Biaozhun Hanyu jiaocheng* Zhengdeng Huang, 1997 Hanyu jiaocheng Jizhou Yang, 2011 Foreign Language Teaching in Asia and Beyond Wai Meng Chan, Kwee Nyet Chin, Titima Suthiwan, 2011-10-27 This book comprising two parts is concerned with both the science and the art of foreign language teaching with a particular but not exclusive focus on Asia Under the theme of Theoretical foundation and research Part 1 of this book informs the readers about recent efforts in theoretical and empirical research which have had an impact on foreign language teaching or promise to yield results that will shape its future These studies not just from the domain of foreign language teaching but also its primary feeder disciplines of linguistics and second language acquisition offer the necessary theoretical and conceptual foundation for both current and future research and practice As its theme Classroom practice and evaluation studies suggests Part 2 focuses on new and innovative developments in curricular and classroom practice all built upon insights from research in the above mentioned disciplines and poised to become standard practices These projects include qualitative and quantitative evaluation studies which have yielded insightful data for the refinement and continued development of the projects and their underlying theoretical concepts

Introduction to Classical Chinese Kai Vogelsang, 2021 This book offers students all the necessary tools to read understand and analyse Classical Chinese texts including descriptions of syntactic features introductions to historical and cultural topics and selected readings from classical literature with original commentaries It also provides an extensive glossary and up to date bibliography **Hanyu jiaocheng**, 2009 **Reading Sima Qian from Han to Song** Esther S. Klein, 2019-03-27 In *Father of Chinese History* Esther Klein explores the life and work of the great Han dynasty historian Sima Qian as seen by readers from the Han to the Song dynasties Today Sima Qian is viewed as both a tragic hero and a literary genius Premodern responses to him were more equivocal the complex personal emotions he expressed prompted readers to worry about

whether his work as a historian was morally or politically acceptable Klein demonstrates how controversies over the value and meaning of Sima Qian's work are intimately bound up with larger questions How should history be written What role does individual experience and self expression play within that process By what standards can the historian's choices be judged

Chinese as a Second Language Research from Different Angles, 2024-04-02 A crucial question for Chinese as a Second Language research is how to help elevate Chinese language teaching methodology to the level of other world language methodologies such as English Spanish and German This work goes in two directions One explores how to apply research results achieved in Chinese linguistics to Chinese language teaching and the other is engaged in creating a strong applied linguistics research field that supports Chinese language teaching CASLAR scholars are mainly involved in the latter one This book is a representative sample of their research endeavors

Inscribing Jingju/Peking Opera David Rolston, 2021-08-09 What was the most influential mass medium in China before the internet Jingju Peking opera Although its actors were commonly thought to have been illiterate written and other inscribed versions of plays became more and more important and varied This book shows how increasing textualization and the resulting fixation of a performance tradition that once privileged improvisation changed the genre It traces from Jingju's birth in the 19th century to the present how texts were used for the production and consumption of this important performance genre and the changes in the concepts of authorship copyright and performance rights that took place during the process The state's desire to police what was performed is shown to have been a major factor in these changes The scope and coverage of the book is already unprecedented but it is also supplemented by an additional chapter on where the plays were performed who performed them and who went to see them available for download online

A Student Grammar of Chinese Yongping Zhu, Chu-Ren Huang, 2023-05-11 An accessible introduction to Chinese grammar that focuses on patterns and rules and their similarities and differences with English

Handbook of Japanese Psycholinguistics Mineharu Nakayama, 2015-06-16 The studies of the Japanese language and psycholinguistics have advanced quite significantly in the last half century thanks to the progress in the study of cognition and brain mechanisms associated with language acquisition use and disorders and in particular because of technological developments in experimental techniques employed in psycholinguistic studies This volume contains 18 chapters that discuss our brain functions specifically the process of Japanese language acquisition how we acquire learn the Japanese language as a first second language and the mechanism of Japanese language perception and production how we comprehend produce the Japanese language In turn we address the limitations of our current understanding of the language acquisition process and perception production mechanism Issues for future research on language acquisition and processing by users of the Japanese language are also presented Chapter titles 1 Learning to become a native listener of Japanese Reiko Mazuka 2 The nature of the count mass distinction in Japanese Mutsumi Imai Junko Kanero 3 Grammatical deficits in Japanese children with Specific Language Impairment Shinji Fukuda Suzy E Fukuda Tomohiko Ito 4 Root infinitive

analogues in Child Japanese Keiko Murasugi 5 Acquisition of scope Takuya Goro 6 Narrative development in L1 Japanese Masahiko Minami 7 L2 acquisition of Japanese Yasuhiro Shirai 8 The modularity of grammar in L2 acquisition Mineharu Nakayama Noriko Yoshimura 9 Tense and aspect in Japanese as a second language Alison Gabriele Mamori Sugita Hughes 10 Language acquisition and brain development Cortical processing of a foreign language Hiroko Hagiwara 11 Resolution of branching ambiguity in speech Yuki Hirose 12 The role of learning in theories of English and Japanese sentence processing Franklin Chang 13 Experimental syntax word order in sentence processing Masatoshi Koizumi 14 Relative clause processing in Japanese psycholinguistic investigation into typological differences Baris Kahraman Hiromu Sakai 15 Processing of syntactic and semantic information in the human brain evidence from ERP studies in Japanese Tsutomu Sakamoto 16 Issues in L2 Japanese sentence processing similarities differences with L1 and individual differences in working memory Koichi Sawasaki Akiko Kashiwagi Wood 17 Sentence production models to consider for L2 Japanese sentence production research Noriko Iwasaki 18 Processing of the Japanese language by native Chinese speakers Katsuo Tamaoka

Key Issues in Chinese as a Second Language Research Istvan Kecskes, Chaofen Sun, 2017-06-26 Key Issues in Chinese as a Second Language Research presents and discusses research projects that serve as theoretical grounding for improving the teaching and learning of Chinese as a second language CSL in order to help researchers and practitioners better understand the acquisition development and use of CSL With the exception of the first chapter which is state of the art each chapter makes an attempt to bring together theory and practice by focusing on theory building and theory application in practice The book is organized around areas where most future research is needed in CSL phonology semantics grammar and pragmatics Consisting of contributions from an international group of scholars working on cutting edge research this is the ideal text for researchers graduate students and practitioners in the area of Chinese as a second or foreign language

The Longest Way to Eat a Melon Jacquelyn Zong-Li Ross, 2025-06-10 The debut short story collection from writer artist and editor Jacquelyn Zong Li Ross Equal parts melody and malaise The Longest Way to Eat a Melon charts the activities of a cast of speakers who all grapple in their own ways with what it takes to conjure a self in the midst of discordance A brain argues with a non brain about how to remain productive from a place of exhaustion two supernaturally inclined twins named Han are separated at birth and an emerging artist paralyzed by possibility considers how best to transform a melon into a breakthrough work of art Incorporating elements of fable surrealism satire and art and cultural criticism these stories have a playful peculiarity to them an interweaving of self deprecation and curiosity of woe and hope of absurdity and humanity Reader you will want to savor every bite

Chinese Lexical Semantics Meichun Liu, Chunyu Kit, Qi Su, 2021-07-25 This book constitutes the thoroughly refereed post workshop proceedings of the 21st Chinese Lexical Semantics Workshop CLSW 2020 held in Hong Kong China in May 2020 Due to COVID 19 the conference was held virtually The 76 full papers included in this volume were carefully reviewed and selected from 233 submissions They are organized in the following topical sections Lexical semantics

and general linguistics AI Big Data and NLP Cognitive Science and experimental studies *Chinese Language(s)* Maria Kurpaska, 2010-05-26 The major aim of the book is to trace the current structuring of the Chinese language s on the ground of Chinese linguistics The research presented is based on the newest and most renowned sources namely The Great Dictionary of Modern Chinese Dialects and the Language Atlas of China The author discusses the role The Great Dictionary plays in analyzing the spectrum of linguistic differentiation in China and gives a detailed account of the kind of information the dictionary provides As background she sketches the development and current state of Chinese dialectology and dialect research One of the author s aims is to show respect for the grand achievement the Dictionary undoubtedly is but also to emphasize a critical distance to some of the views presented in it Apart from being an analysis of this particular Dictionary the book presents data about the state of modern Chinese dialectology It provides information about different classifications of the dialects and explains on what basis the classifications are made Looking at Chinese dialectology from a Western point of view the author aims to understand and present the Chinese perspective The book fills an important gap in the field of Western sinology So far despite lively discussions concerning the status of the varieties of Chinese and their taxonomy full scale studies on Chinese dialects have been almost non existent in the Western World Gudai hanyu jiaocheng Chengyu Hong, 1991 **Biaozhun hanyu jiaocheng** , 2007

As recognized, adventure as skillfully as experience practically lesson, amusement, as capably as contract can be gotten by just checking out a book **Hanyu Jiaocheng** as well as it is not directly done, you could take even more vis--vis this life, around the world.

We offer you this proper as competently as easy exaggeration to acquire those all. We find the money for Hanyu Jiaocheng and numerous ebook collections from fictions to scientific research in any way. along with them is this Hanyu Jiaocheng that can be your partner.

<http://www.technicalcoatingsystems.ca/book/publication/default.aspx/Ap%20English%20Language%20Multiple%20Choice%20Question%20Stems.pdf>

Table of Contents Hanyu Jiaocheng

1. Understanding the eBook Hanyu Jiaocheng
 - The Rise of Digital Reading Hanyu Jiaocheng
 - Advantages of eBooks Over Traditional Books
2. Identifying Hanyu Jiaocheng
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Hanyu Jiaocheng
 - User-Friendly Interface
4. Exploring eBook Recommendations from Hanyu Jiaocheng
 - Personalized Recommendations
 - Hanyu Jiaocheng User Reviews and Ratings
 - Hanyu Jiaocheng and Bestseller Lists

5. Accessing Hanyu Jiaocheng Free and Paid eBooks
 - Hanyu Jiaocheng Public Domain eBooks
 - Hanyu Jiaocheng eBook Subscription Services
 - Hanyu Jiaocheng Budget-Friendly Options
6. Navigating Hanyu Jiaocheng eBook Formats
 - ePub, PDF, MOBI, and More
 - Hanyu Jiaocheng Compatibility with Devices
 - Hanyu Jiaocheng Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Hanyu Jiaocheng
 - Highlighting and Note-Taking Hanyu Jiaocheng
 - Interactive Elements Hanyu Jiaocheng
8. Staying Engaged with Hanyu Jiaocheng
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Hanyu Jiaocheng
9. Balancing eBooks and Physical Books Hanyu Jiaocheng
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Hanyu Jiaocheng
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Hanyu Jiaocheng
 - Setting Reading Goals Hanyu Jiaocheng
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Hanyu Jiaocheng
 - Fact-Checking eBook Content of Hanyu Jiaocheng
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Hanyu Jiaocheng Introduction

Hanyu Jiaocheng Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Hanyu Jiaocheng Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Hanyu Jiaocheng : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Hanyu Jiaocheng : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Hanyu Jiaocheng Offers a diverse range of free eBooks across various genres. Hanyu Jiaocheng Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Hanyu Jiaocheng Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Hanyu Jiaocheng, especially related to Hanyu Jiaocheng, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Hanyu Jiaocheng, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Hanyu Jiaocheng books or magazines might include. Look for these in online stores or libraries. Remember that while Hanyu Jiaocheng, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Hanyu Jiaocheng eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Hanyu Jiaocheng full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Hanyu Jiaocheng eBooks, including some popular titles.

FAQs About Hanyu Jiaocheng Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Hanyu Jiaocheng is one of the best book in our library for free trial. We provide copy of Hanyu Jiaocheng in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Hanyu Jiaocheng. Where to download Hanyu Jiaocheng online for free? Are you looking for Hanyu Jiaocheng PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Hanyu Jiaocheng. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Hanyu Jiaocheng are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Hanyu Jiaocheng. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Hanyu Jiaocheng To get started finding Hanyu Jiaocheng, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Hanyu Jiaocheng So depending on what exactly you are searching, you will be able tochoose ebook to suit your own need. Thank you for reading Hanyu Jiaocheng. Maybe you have knowledge that, people have

search numerous times for their favorite readings like this Hanyu Jiaocheng, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Hanyu Jiaocheng is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Hanyu Jiaocheng is universally compatible with any devices to read.

Find Hanyu Jiaocheng :

[ap english language multiple choice question stems](#)

[aqa gcse biology specimen paper grade boundaries](#)

[ap calculus ab examination eighth edition solutions](#)

[ap biology chapter 5 reading guide answers](#)

[armlocks judo masterclass techniques](#)

[arduino projects with 8x8 led matrix sdocuments2](#)

[artificial intelligence in education building technology rich learning contexts that work frontiers in artificial intelligence and applications](#)

[arabic reading comprehension and curriculum based measurement](#)

[api 520 part 2 pdfsdocuments2](#)

[area of a circle word problems with solutions](#)

~~[ap comparative government and politics 2015 review book for ap comparative government and politics exam with practice test questions](#)~~

[arm and gripper programming guide labview for lego mindstorms](#)

~~[arthur spiderwick field guide](#)~~

[applied engineering physics pdf](#)

[applied calculus for business economics and finance pdf](#)

Hanyu Jiaocheng :

Stereo headset with mic - KSH-320 - Klip Xtreme and built-in volume control. PC Audio - Pc Essentials Stereo headset for long-lasting use; Handy in-line volume control; Omnidirectional microphone with adjustable arm; Ideal for internet voice chats, ... Klip Xtreme Stereo Headset Wired with Mini Microphone ... The KSH-320 headset has a compact omni directional

microphone to take advantage of all the traditional applications for voice chatting and VoIP Internet ... Klip Xtreme Stereo Headset Wired with Mini Microphone ... On-Ear Lightweight design with adjustable Headband allows for a comfortable fit; The 3.5mm Single Connector and long 86inch Cable allow for an easy connection ... Klip Xtreme KSH-320 - Headphones & Headsets - Intcomex The KSH-320 headset has a compact omni directional microphone to take advantage of all the traditional applications for voice chatting and VoIP Internet ... Klip Xtreme KSH 320 | Black Klip Xtreme presents its new KSH-320 headphone set with compact microphone, to take full advantage of all the benefits of voice and internet calling ... KlipX Stereo KSH-320 Headset Omnidirectional microphone for voice chatting, gaming and VoIP internet calls. Built in volume control on headphone; Leatherette ear pads for increased comfort ... Klipx Stereo Headset w/Volume Control ... - Micronet Klip Xtreme introduces its new headset KSH-320 featuring a compact omnidirectional microphone to take advantage of all the latest and traditional ... Stereo headset with microphone Made in China. KSH-320. Take your music to the Xtreme... Klip Xtreme introduces its new headset. KSH-320 featuring a compact omnidirectional microphone to take. IPT Crane and Rigging Answer Book Flashcards Study with Quizlet and memorize flashcards containing terms like Two types of wire rope center core designs, What is the percentage gain in strength using ... Ironworker Quality Construction Practices, Reference ... Rigging for Ironworkers: Ironworker Quality Construction Practices, Reference Manual & Student Workbook by International Association Of Bridge, Structural, ... Basic Rigging Workbook - BNL | Training | Login The purpose of this document is to discuss the requirements for planning and performing an incidental lift using an overhead crane and commonly available. rigging basic - learner workbook May 21, 2021 — Should a rigger work on structural steel that is wet from rain or fresh paint? ... The answers in this book are in no way conclusive and are to ... Advanced Rigging Instructor's Manual Student answers are automatically collected in detailed reports to ensure ... Student Workbook for comparison. 139. Page 144. 5. SECTION 5: RIGGING FORCES AND ... MODULE 4 - LIFTING AND RIGGING □ Understand the proper use of wire ropes, wire rope fittings, end terminations, and tighteners. □ Explain the use of slings and sling arrangements. □ ... Answers 3 See Student Book answer to Question 5. (above) although there are no ... b iron: malleable and magnetic (other answers are possible). 8 a both are metals as ... Ironworkers : Occupational Outlook Handbook Align structural and reinforcing iron and steel vertically and horizontally, using tag lines, plumb bobs, lasers, and levels; Connect iron and steel with bolts, ... Rigger Level I and Rigger Level II A Certified Rigger Level I can perform simple, repetitive rigging tasks when the load weight, center of gravity, the rigging, and rigging configuration are ... Hoisting & Rigging Fundamentals The material outlined in this manual outlines the requirements of the DOE Hoisting and. Rigging program. It requires persons who perform rigging or operate ... sr-200-product-instruction-manual. ... Use of non-STIHL parts may cause serious or fatal injury. Strictly follow the maintenance and repair instructions in the appropriate section in this instruction ... Maintenance And Repairs - Stihl SR 200 Instruction Manual Stihl SR 200 Manual Online: Maintenance And Repairs. 17.40 lbs (7.9 kg)

Users of this unit should carry out only the maintenance operations described in ... User manual Stihl SR 200 (English - 88 pages) Manual. View the manual for the Stihl SR 200 here, for free. This manual comes under the category leaf blowers and has been rated by 1 people with an ... Stihl SR 200 Instruction Manual View and Download Stihl SR 200 instruction manual online. SR 200 power tool pdf manual download. Begging for Stihl SR 200 IPL & service manual Jun 28, 2017 — This is me begging for a Stihl SR 200 IPL & service manual. Thanks in advance. Stihl working Hard. Is it Friday yet. Local time: 10:45 PM. Stihl SR 200 download instruction manual pdf Stihl SR 200 Sprayers instruction, support, forum, description, manual. STIHL-SR-200-Owners-Instruction-Manual Jan 9, 2023 — STIHL-SR-200-Owners-Instruction-Manual.pdf. 1. STIHL SR 200 WARNING Read Instruction Manual thoroughly before use and follow all safety ... Parts | Stihl SR 200 | Product Instruction Manual (Page 33) Page 33 highlights · 1. Container Cap. For closing the container. · 2. Container. Contains the material to be sprayed. · 3. Muffler with Spark Arresting Screen. Stihl BR 200 Backpack Blower (BR 200) Parts Diagram Select a page from the Stihl BR 200 Backpack Blower (BR 200) exploded view parts diagram to find and buy spares for this machine. SR200 Mistblower Parts GHS is one of the UK's largest spare parts companies. We are main dealers for many brands including Stihl, Wacker, Honda, Husqvarna, ...