

Capacitors (බාටිකුක) - 1 (capacitor function)

Capacitors බාටිකුක

විද්‍යුත් ආරෝපණ වීදුලිය ගලායා යාමට හේතු වන උපාංගය බාටිකුක හෙවත් කැපැසිටර් ලෙස හැඳින්වේ. ආරෝපණ ගබඩා කිරීම සඳහා නිපදවා තිබෙන උපාංගය මෙය වේ. ඒ අනුව මෙහි ප්‍රධානම ඕනෑම බාටිකුකට වෙනම ආරෝපණ රැඳවා ගත හැකි නැතිනම් නැතිනම් බාටිකුකට ලෙස හැඳින්වේ. බාටිකුකය මැනීමට ෆැරඩ් (F) නම් ඒකකය යොදාගනී. මෙය ඉතා විශාල ඒකකයක් බැවින් භාවිතයේ හමුවන කනා nF, pF, uF යන ඒකක යොදාගනු ලබයි. වඩාත් කැපැසිටර්වල SMD හා තෝල් කස යන ආකාර දෙකෙන්ම නිෂ්පාදනය කරනු ලබයි.



මෙයට නිර්මාණය වූ හමුවන කනා C ලිපිත් සංකේතවත් කරන අතර සහන දක්වා ඇති ආකාරයට නිරූපණය කරයි.



ඉංග්‍රීසි/සිංහලෙන් මෙයට වලට අමතරව සිතුවම් කරන උපාංගය බාටිකුක වේ. මෙයට වල විවිධ කාර්යයන් සිදුකර හැකි නිසා බාටිකුක යොදාගනී. මෙලෙස කුමන කාර්යයකට කුමන ස්ථානයකට බාටිකුක යොදා ගන්නවාදැයි දැනගැනීමට බාටිකුක කාර්ය අධ්‍යයනය කර යුතුය.

බාටිකුකයක ප්‍රධාන කාර්ය ආරෝපණ ගබඩා කිරීම වන අතර මෙහි ප්‍රධාන ලක්ෂණය වන්නේ බාටිකුකය තරණ ස්ථාවර DC වීදුලියට මෙන් කිරීමට ඉඩ නොදෙන අතර විචල්‍යතාව වන වීදුලියට මෙයෙන් ඒ කරනා මෙන් කිරීමට ඉඩතේ.



Electronic Sinhala

Shahid Akhtar



Electronic Sinhala:

Inhabiting an Embattled Body Jani de Silva, 2023-04-06 This book offers an anthropological account of Sri Lanka's Eelam Wars III and IV. It is based on the life narratives of ex-servicemen who fought on the frontlines. The volume approaches militarism as a practice of masculinity. It explores the sense of embattlement that young recruits feel which stems from the inner war between notions of bodily deference instilled in childhood and having to conduct offensives on the battlefield. Thus, though they wish to move smoothly into the assault techniques learnt in combat training, they sometimes find their bodies are acting out a different trajectory, engaging in acts of spectacular violence or simply running away. It traverses themes such as masculinity and Sinhala society, British martial masculinity vs the composed body in Sinhala discourse, combat training and the battlefield. The author traces the ways in which troops tried to negotiate the thin line between valour and violence in a context in which the enemy's suicide fighters engaged in the more extreme code of sacrificing the body, which derided the very manliness of soldiers who couldn't prevail against them. She argues that the Sri Lankan experience has resonance for soldiers on battlefields everywhere who become embattled when confronted by adversaries whose practice seems to diminish their own manliness. Rich in ethnographical narratives, this book will be of interest to scholars and researchers of war studies, gender studies, masculinity studies, peace and conflict studies, ethnic studies, political science, international relations, sociology, social anthropology, cultural studies, and South Asian studies, especially those concerned with Sri Lanka. **History of**

Computing and Education 3 (HCE3) John Impagliazzo, 2008-07-05 These proceedings derive from an international conference on the history of computing and education. This conference is the third of hopefully a series of conferences that will take place within the International Federation for Information Processing (IFIP) and hence we describe it as the Third IFIP Conference on the History of Computing and Education or simply History of Computing and Education 3 HCE3. This volume consists of a collection of articles presented at the HCE3 conference held in association with the IFIP 2008 World Computer Congress in Milano, Italy. Articles range from a wide variety of computing perspectives and they represent activities from six continents. The HCE3 conference is an event of the IFIP Working Group 9.7 on the History of Computing, a working group of IFIP's Technical Committee 9 TC9 on the Relationship between Computers and Society. In addition, it is in cooperation with the IFIP Technical Committee 3 TC3 on Education. The HCE3 conference brings to light a broad spectrum of issues. It illustrates topics in computing as they occurred in the early days of computing whose ramifications or overtones remain with us today. Indeed, many of the early challenges remain part of our educational tapestry; most likely, many will evolve into future challenges. Therefore, these proceedings provide additional value to the reader as it will reflect in part the future development of computing and education to stimulate new ideas and models in educational development. **Computational Linguistics and Intelligent Text Processing** Alexander Gelbukh, 2015-04-09 The two volumes LNCS 9041 and 9042 constitute the proceedings of the 16th International Conference on Computational Linguistics and Intelligent Text Processing (CICLing 2015).

held in Cairo Egypt in April 2015 The total of 95 full papers presented was carefully reviewed and selected from 329 submissions They were organized in topical sections on grammar formalisms and lexical resources morphology and chunking syntax and parsing anaphora resolution and word sense disambiguation semantics and dialogue machine translation and multilingualism sentiment analysis and emotion detection opinion mining and social network analysis natural language generation and text summarization information retrieval question answering and information extraction text classification speech processing and applications *The Sinhalese* Nandadeva Wijesekera,1990 **Computer Vision and Graphics** Leszek J. Chmielewski,Amitava Datta,Ryszard Kozera,Konrad Wojciechowski,2016-09-09 This book constitutes the refereed proceedings of the International Conference on Computer Vision and Graphic ICCVG 2016 held in Warsaw Poland in September 2016 The 68 full papers presented were carefully reviewed and selected from various submissions They show various opportunities for valuable research at the border of applied information sciences agribusiness veterinary medicine and the broadly understood domains of biology and economy Text, Speech, and Dialogue Elmar Nöth,Aleš Horák,Petr Sojka,2024-08-31 The two volume set LNAI 15048 and 15049 constitutes the refereed proceedings of the 27th International Conference on Text Speech and Dialogue TSD 2024 held in Brno Czech Republic during September 9 13 2024 The 50 revised full papers presented in these deadline proceedings were carefully reviewed and selected from 103 submissions The papers are organized in the following topical sections Part I Text Part II Speech Dialogue Machine Translation Association for Machine Translation in the Americas. Conference,2002 **Digital Review of Asia Pacific 2009-2010** Shahid Akhtar,2009-06-03 The biennial Digital Review of Asia Pacific is a comprehensive guide to the state of practice and trends in information and communication technologies for development ICTD in the Asia Pacific region This fourth edition 2009 2010 features 30 economies and four sub regional groupings The chapters provide updated information on ICT infrastructure industries content and services key programs enabling policies and regulation education and capacity building open source and research and development initiatives as well as ICTD challenges in each of the economies covered The common framework that underpins these reports allows readers to undertake a comparative analysis and assess progress across Asia Pacific In addition regional overviews provide a synthesis of ICTD trends regulatory issues and lessons for managing innovation in the network economy The thematic chapters focus on issues in ICT in education a key area in ICTD The authors are drawn from government academe industry and civil society providing a broad perspective on the use of ICTs for human development **Media Asia** ,2005 **The Suttanipata** Bodhi,2017-09-26 This landmark volume in the Teachings of the Buddha series translates the Suttanipata a text that matches the Dhammapada in its concise power and its centrality to the Buddhist tradition Celebrated translator Bhikkhu Bodhi illuminates this text and its classical commentaries with elegant renderings and authoritative annotations The Suttanipata or Group of Discourses is a collection of discourses ascribed to the Buddha that includes some of the most popular suttas of the Pali Canon among them the Discourse on Loving Kindness Sutta

The suttas are primarily in verse though several are in mixed prose and verse The Suttanipata contains discourses that extol the figure of the muni the illumined sage who wanders homeless completely detached from the world Other suttas such as the Discourse on Downfall and the Discourse on Blessings establish the foundations of Buddhist lay ethics The last two chapters the Atthakavagga Chapter of Octads and the Parayanavagga The Way to the Beyond are considered to be among the most ancient parts of the Pali Canon The Atthakavagga advocates a critical attitude toward views and doctrines The Parayanavagga is a beautiful poem in which sixteen spiritual seekers travel across India to meet the Buddha and ask him profound questions pertaining to the highest goal The commentary the Paramatthajotika relates the background story to each sutta and explains each verse in detail The volume includes numerous excerpts from the Niddesa an ancient commentary already included in the Pali Canon which offers detailed expositions of each verse in the Atthakavagga the Parayanavagga and the Rhinoceros Horn Sutta Translator Bhikkhu Bodhi provides an insightful in depth introduction a guide to the individual suttas extensive notes a list of parallels to the discourses of the Suttanipata and a list of the numerical sets mentioned in the commentaries

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