Christoph Grimm
Stefan Mahlknecht
Peter Neumann *Editors*

Embedded Systems for Smart Appliances and Energy Management

Springer

Embedded Systems For Smart Appliances And Energy Management 3

Emilie Sanchez

Embedded Systems For Smart Appliances And Energy Management 3:

Embedded Systems for Smart Appliances and Energy Management Christoph Grimm,Peter Neumann,Stefan Mahlknecht,2012-05-31 This comprehensive introduction describes embedded systems for smart appliances and energy management The text combines a multidisciplinary blend of topics from embedded systems information technology and power engineering *Collaborative Systems for Smart Networked Environments* Luis M. Camarinha-Matos,Hamideh Afsarmanesh,2014-10-01 This book constitutes the refereed proceedings of the 15th IFIP WG 5 5 Working Conference on Virtual Enterprises PRO VE 2014 held in Amsterdam The Netherlands in October 2014 The 73 revised papers were carefully selected from 190 submissions They provide a comprehensive overview of identified challenges and recent advances in various collaborative network CN domains and their applications with a particular focus on the following areas in support of smart networked environments behavior and coordination product service systems service orientation in collaborative networks engineering and implementation of collaborative networks cyber physical systems business strategies alignment innovation networks sustainability and trust reference and conceptual models collaboration platforms virtual reality and simulation interoperability and integration performance management frameworks performance management systems risk analysis optimization in collaborative networks knowledge management in networks health and care networks and mobility and logistics *Smart Grid* Hussein T. Mouftah,Melike Erol-Kantarci,2017-12-19 Smart Grid Networking Data Management and Business Models delivers a comprehensive overview of smart grid communications discussing the latest advances in the technology the related cyber security issues and the best ways to manage user demand and pricing Comprised of 16 chapters authored by world renowned experts this book Considers the use of cognitive radio and software defined networking in the smart grid Explores the space of attacks in the energy management process the need for a smart grid simulator and the management issues that arise around smart cities Describes a real time pricing scheme that aims to reduce the peak to average load ratio Explains how to realize low carbon economies and the green smart grid through the pervasive management of demand Presents cutting edge research on microgrids electric vehicles and energy trading in the smart grid Thus Smart Grid Networking Data Management and Business Models provides a valuable reference for utility operators telecom operators communications engineers power engineers electric vehicle original equipment manufacturers OEMs electric vehicle service providers university professors researchers and students **Information and Communication Technology for Competitive Strategies** Simon Fong,Shyam Akashe,Parikshit N. Mahalle,2018-08-30 This book contains 74 papers presented at ICTCS 2017 Third International Conference on Information and Communication Technology for Competitive Strategies The conference was held during 16 17 December 2017 Udaipur India and organized by Association of Computing Machinery Udaipur Professional Chapter in association with The Institution of Engineers India Udaipur Local Center and Global Knowledge Research Foundation This book contains papers mainly focused on ICT for Computation

Algorithms and Data Analytics and IT Security etc [Information and Communication on Technology for the Fight against Global Warming](#) Dieter Kranzlmüller,A Min Tjoa,2011-08-25 This book constitutes the refereed proceedings of the First International Conference on Information and Communication Technology for the Fight against Global Warming ICT Glow 2011 held in Toulouse France in August 2011 The 16 revised papers presented were carefully reviewed and selected from 24 submissions They address the following topics parallel computing ICT for transportation cloud and pervasive computing measurement and control and storage **Encyclopedia of Renewable Energy, Sustainability and the Environment** ,2024-08-09 Encyclopedia of Renewable Energy Sustainability and the Environment Four Volume Set comprehensively covers all renewable energy resources including wind solar hydro biomass geothermal energy and nuclear power to name a few In addition to covering the breadth of renewable energy resources at a fundamental level this encyclopedia delves into the utilization and ideal applications of each resource and assesses them from environmental economic and policy standpoints This book will serve as an ideal introduction to any renewable energy source for students while also allowing them to learn about a topic in more depth and explore related topics all in a single resource Instructors researchers and industry professionals will also benefit from this comprehensive reference Covers all renewable energy technologies in one comprehensive resource Details renewable energies processes from production to utilization in a single encyclopedia Organizes topics into concise consistently formatted chapters perfect for readers who are new to the field Assesses economic challenges faced to implement each type of renewable energy Addresses the challenges of replacing fossil fuels with renewables and covers the environmental impacts of each renewable energy **Smart Multimedia** Stefano Berretti,Guan-Ming Su,2022-12-13 This book constitutes the proceedings of the Third International Conference on Smart Multimedia ICSM 2022 which was held in Marseille France during August 25 27 2022 The 30 full papers and 4 short paper presented in this volume were carefully reviewed and selected from 68 submissions The contributions were organized in topical sections as follows Machine Learning for Multimedia Image Processing Multimedia Applications Multimedia for Medicine and Health Care Smart Homes Multimedia Environments and Metaverse Deep Learning on Video and Music Haptic Industrial *Research and Development Evolving Trends and Practices* Soha Maad,2017-09-06 This book traces the evolution and trends in research and development R **Encyclopedia of Sustainable Technologies** Martin Abraham,2017-07-04 Encyclopedia of Sustainable Technologies Eight Volume Set provides an authoritative assessment of the sustainable technologies that are currently available or in development Sustainable technology includes the scientific understanding development and application of a wide range of technologies and processes and their environmental implications Systems and lifecycle analyses of energy systems environmental management agriculture manufacturing and digital technologies provide a comprehensive method for understanding the full sustainability of processes In addition the development of clean processes through green chemistry and engineering techniques are also described The book is the first

multi volume reference work to employ both Life Cycle Analysis LCA and Triple Bottom Line TBL approaches to assessing the wide range of technologies available and their impact upon the world Both approaches are long established and widely recognized playing a key role in the organizing principles of this valuable work Provides readers with a one stop guide to the most current research in the field Presents a grounding of the fundamentals of the field of sustainable technologies Written by international leaders in the field offering comprehensive coverage of the field and a consistent high quality scientific standard Includes the Life Cycle Analysis and Triple Bottom Line approaches to help users understand and assess sustainable technologies   Energy Smart Appliances Antonio Moreno-Munoz,Neomar Giacomini,2023-06-27 Energy Smart Appliances Enables designers and manufacturers to manage real world energy performance and expectations by covering a range of potential scenarios and challenges Energy Smart Appliances provides utilities and appliance manufacturers and designers with new approaches to better understand real world performance assess actual energy benefits and tailor each technology to the needs of their customers With contributions from a fully international group of experts including heads of prestigious research organizations and leading universities and innovation managers of the main appliance manufacturers Energy Smart Appliances includes discussion on Enabling technologies for energy smart appliances covering IoT devices and technology and active energy efficiency measures in residential environments Smart home and appliances answering questions like Where are we heading in terms of the overall smart homes future and What s the energy impact from smart home devices Demand side management and demand response covering overall system appliances readiness and ideal energy management scenario to drive demand response Energy smart appliances best practices and success stories including refrigerators washers dryers and more With practical coverage of a wide range of potential scenarios and existing and future challenges Energy Smart Appliances is an essential learning resource for electrical engineering professionals equipment manufacturers and designers along with postgraduate electrical engineering students and researchers in related fields and programs of study   *Information Security Theory and Practice* Raja Naeem Akram,Sushil Jajodia,2015-08-21 This volume constitutes the refereed proceedings of the 9th IFIP WG 11 2 International Conference formerly Workshop on Information Security Theory and Practices WISTP 2015 held in Heraklion Crete Greece in August 2015 The 14 revised full papers and 4 short papers presented together were carefully reviewed and selected from 52 submissions WISTP 2015 sought original submissions from academia and industry presenting novel research on all theoretical and practical aspects of security and privacy as well as experimental studies of elded systems the application of security technology the implementation of systems and lessons learned We encouraged submissions from other communities such as law business and policy that present these communities perspectives on technological issues   **Advanced Technologies for Planning and Operation of Prosumer Energy Systems, volume III** Bin Zhou,Liansong Xiong,Jian Zhao,Jingyang Fang,Hugo Morais,Yonghui Liu,Junpeng Zhan , Ting Wu,2024-07-30 Prosumers such as energy storage smart home and microgrids are the consumers who also produce and

share surplus energy with other users With capabilities of flexibly managing the generation storage and consumption of energy in a simultaneous manner prosumers can help improve the operation efficiency of smart grid Due to the rapid expansion of prosumer clusters the planning and operation issues of prosumer energy systems have been increasingly raised Aspects including energy infrastructure design energy management system stability etc are urgently required to be addressed while taking full advantage of prosumers capabilities However up to date the research on prosumers has not drawn sufficient attention This proposal presents the need to introduce a Research Topic on prosumer energy systems in Frontiers in Energy Research We believe this Research Topic can promote the research on advanced planning and operation technologies of prosumer energy systems and contribute to the carbon neutrality for a sustainable society **Innovative Mobile and Internet Services in Ubiquitous Computing** Leonard Barolli,Fatos Xhafa,Nadeem Javaid,Tomoya Enokido,2018-06-07 This book presents the latest research findings methods and development techniques related to Ubiquitous and Pervasive Computing UPC as well as challenges and solutions from both theoretical and practical perspectives with an emphasis on innovative mobile and internet services With the proliferation of wireless technologies and electronic devices there is a rapidly growing interest in Ubiquitous and Pervasive Computing UPC UPC makes it possible to create a human oriented computing environment where computer chips are embedded in everyday objects and interact with physical world It also allows users to be online even while moving around providing them with almost permanent access to their preferred services Along with a great potential to revolutionize our lives UPC also poses new research challenges *Energy Informatics* Sebastian Gottwalt,Lukas König,Hartmut Schmeck,2016-01-05 This book constitutes the refereed proceedings of the 4th D A CH Conference on Energy Informatics D A CH EI 2015 held in Karlsruhe Germany in November 2015 The 18 revised full papers presented were carefully reviewed and selected from 36 submissions The papers are organized in topical sections on distributed energy sources and storage smart meters and monitoring research lab infrastructures electric mobility communication and security and modeling and simulation **Artificial Intelligence for Smart and Sustainable Energy Systems and Applications** Miltiadis D. Lytras,Kwok Tai Chui,2020-05-27 Energy has been a crucial element for human beings and sustainable development The issues of global warming and non green energy have yet to be resolved This book is a collection of twelve articles that provide strong evidence for the success of artificial intelligence deployment in energy research particularly research devoted to non intrusive load monitoring network and grid as well as other emerging topics The presented artificial intelligence algorithms may provide insight into how to apply similar approaches subject to fine tuning and customization to other unexplored energy research The ultimate goal is to fully apply artificial intelligence to the energy sector This book may serve as a guide for professionals researchers and data scientists namely how to share opinions and exchange ideas so as to facilitate a better fusion of energy academic and industry research and improve in the quality of people s daily life activities **Green Energy and Networking** João L. Afonso,Vítor

Monteiro,José Gabriel Pinto,2019-02-05 This book constitutes the refereed post conference proceedings of the 5th EAI International Conference on Green Energy and Networking GreeNets 2018 held in Guimar es Portugal in November 2018 The 15 full papers were selected form 26 submissions and cover a wide spectrum of ideas to reduce the impact of the climate change while maintaining social prosperity In this context growing global concern leads to the adoption of the new technological paradigms especially for the operation of future smart cities **International Conference on Advanced Computing Networking and Informatics** Raj Kamal,Michael Henshaw,Pramod S. Nair,2018-11-27 The book comprises selected papers presented at the International Conference on Advanced Computing Networking and Informatics ICANI 2018 organized by Medi Caps University India It includes novel and original research work on advanced computing networking and informatics and discusses a wide variety of industrial engineering and scientific applications of the emerging techniques in the field of computing and networking **Soft Computing Applications in Modern Power and Energy Systems** Shailendra Kumar,Jitendra Kumar,Narayana Prasad Padhy,Sukumar Kamalasadan,Premalata Jena,2025-08-11 This book entitled Soft Computing Applications in Modern Power and Energy Systems aims to offer in depth discussions case studies and the latest advancements in the realm of soft computing as it pertains to power systems incorporating power electronics based equipment energy systems and energy communities It also explores topics such as optimal planning analysis operation and control in the context of modern power and energy systems along with the applications of various soft computing techniques Readers will find valuable opportunities to enrich their understanding and expertise in these specialized domains Furthermore this book has the potential to inspire readers to generate novel and innovative ideas in the field **Smart Data Intelligence** R. Asokan,Diego P. Ruiz,Zubair A. Baig,Selwyn Piramuthu,2022-08-17 This book presents high quality research papers presented at 2nd International Conference on Smart Data Intelligence ICSMDI 2022 organized by Kongunadu College of Engineering and Technology at Trichy Tamil Nadu India during April 2022 This book brings out the new advances and research results in the fields of algorithmic design data analysis and implementation on various real time applications It discusses many emerging related fields like big data data science artificial intelligence machine learning and deep learning which have deployed a paradigm shift in various data driven approaches that tends to evolve new data driven research opportunities in various influential domains like social networks healthcare information and communication applications **Distributed Energy Systems** Ashutosh K. Giri,Sabha Raj Arya,Dmitri Vinnikov,2022-12-30 This book provides the insight of various topology and control algorithms used for power control in distributed energy power conversion systems such as solar wind and other power sources It covers traditional and advanced control algorithms of power filtering including modelling and simulations and hybrid power generation systems The adaptive control model predictive control fuzzy based controllers Artificial Intelligence based control algorithm and optimization techniques application for estimating the error regulator gains are discussed Features of this book include the following Covers the

schemes for power quality enhancement and voltage and frequency control Provides complete mathematical modelling and simulation results of the various configurations of the renewable energy based distribution systems Includes design control and experimental results Discusses mathematical modelling of classical and adaptive control techniques Explores recent application of control algorithm and power conversion This book is aimed at researchers professionals and graduate students in power electronics distributed power generation systems control engineering Artificial Intelligent based control algorithms optimization techniques and renewable energy systems

This is likewise one of the factors by obtaining the soft documents of this **Embedded Systems For Smart Appliances And Energy Management 3** by online. You might not require more get older to spend to go to the book commencement as without difficulty as search for them. In some cases, you likewise get not discover the proclamation Embedded Systems For Smart Appliances And Energy Management 3 that you are looking for. It will no question squander the time.

However below, in the same way as you visit this web page, it will be as a result certainly easy to acquire as capably as download lead Embedded Systems For Smart Appliances And Energy Management 3

It will not take many mature as we tell before. You can get it even if measure something else at home and even in your workplace. consequently easy! So, are you question? Just exercise just what we come up with the money for under as capably as evaluation **Embedded Systems For Smart Appliances And Energy Management 3** what you like to read!

https://staging.conocer.cide.edu/data/scholarship/HomePages/Grade%20Past%20Papers%20Maths.pdf

Table of Contents Embedded Systems For Smart Appliances And Energy Management 3

Embedded Systems For Smart Appliances And Energy Management 3 Introduction

In the digital age, access to information has become easier than ever before. The ability to download Embedded Systems For Smart Appliances And Energy Management 3 has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Embedded Systems For Smart Appliances And Energy Management 3 has opened up a world of possibilities. Downloading Embedded Systems For Smart Appliances And Energy Management 3 provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Embedded Systems For Smart Appliances And Energy Management 3 has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Embedded Systems For Smart Appliances And Energy Management 3. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Embedded Systems For Smart Appliances And Energy Management 3. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical

downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Embedded Systems For Smart Appliances And Energy Management 3, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Embedded Systems For Smart Appliances And Energy Management 3 has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Embedded Systems For Smart Appliances And Energy Management 3 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 web-based 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. Embedded Systems For Smart Appliances And Energy Management 3 is one of the best book in our library for free trial. We provide copy of Embedded Systems For Smart Appliances And Energy Management 3 in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Embedded Systems For Smart Appliances And Energy Management 3. Where to download Embedded Systems For Smart Appliances And Energy Management 3 online for free? Are you looking for Embedded Systems For Smart Appliances And Energy Management 3 PDF? This is definitely going to save you time and cash in something you should think about.

Find Embedded Systems For Smart Appliances And Energy Management 3 :

grade past papers maths

grade 9 natural science exam november 2014

grade 7 math problems with answers

grade 8 social science memorandom history 2014

grade 7 life orientation exam paper

grade geography exam papers 2014 memo

grade 9 ems exam paper for november 2014

~~grade exam papers june 2013~~

grade memo 25 septermber 2014 mathematics of mathematics

~~grade 7 math situational problems~~

grade 9 natural science caps question papers

grade 8 maths 2014 november exams memo

grade 9 sepedi p2 final exam 2014

grade english caps papers 21march

~~grade boundaries for igcse maths jan 2015~~

Embedded Systems For Smart Appliances And Energy Management 3 :

PLI Practice Test - Prep Terminal Our PLI sample test consists of 50 multiple-choice questions to be answered in 12 minutes. Here you will have the option to simulate a real PI LI test with ... Predictive Index Cognitive Assessment - Free Practice Test Practice for the Predictive Index Cognitive Assessment with our practice test, including Predictive Index test free sample questions with full answers ... Predictive Index Test Sample - Questions & Answers PDF A 6-10 minute survey that asks you to choose adjectives that describe your personality. While it's not a test you can prepare via training, you should follow ... PI Cognitive Assessment Test Prep - 100% Free! a 100% free resource that gives you everything to prepare for the PI Cognitive assessment. Sample questions, practice tests, tips and more! Free Predictive Index Test Sample The test is also known as the Predictive Index Learning Indicator ... Index Behavioral Assessment or PIBA as well as the Professional Learning Indicator or PLI. Free Predictive Index Behavioral & Cognitive Assessments ... The Predictive Index Cognitive Assessment is a 12-minute timed test with multiple-choice questions. It's scored on correct answers, with no penalties for wrong ... PI Cognitive Assessment Guide + Free Full-Length Test - [2023] Here is a brief overview of all 9 PI question types, including one sample

question for each. All sample questions below were taken from the Free Practice. Predictive Index Learning Indicator (PI LI) The Predictive Index Learning Indicator (PI LI), formerly known as Professional Learning Indicator (PLI), is a 12-minute test comprised of 50 questions. The PI ... The PI Cognitive Assessment Sample Questions The use of sample questions is a standard sample for many assessments, including academic assessments such as the SAT, GRE, GMAT, and LSAT, among hundreds of ... Listen: Kerman, Joseph, Tomlinson, Gary: 9780312593476 ... music. The seventh edition of Listen is more accessible than ever before with new, more teachable listening examples and a more focused and streamlined ... LISTEN SEVENTH EDITION (LACC EDITION)111 Book overview. Generations of students have developed a love of music and focused listening skills through the enjoyable prose, high-quality recordings, ... Listen Seventh Edition Music Textbook | PDF Listen Seventh Edition Music Textbook - Free ebook download as PDF File (.pdf), Text File (.txt) or read book online for free. Listen. (PDF) Listen, 7th Edition by Joseph Kerman and Gary ... Listen, 7th Edition by Joseph Kerman and Gary Tomlinson PDF. by Jonah Hemphill. See Full PDF Download PDF. See Full PDF Download PDF. Listen, 7th edition - Kerman, Joseph; Tomlinson, Gary Consistently praised as the best book of its kind, Listen uses readable, enjoyable prose and the highest quality recordings to introduce students to the art ... LibraryPirate Page 1. LibraryPirate. Page 2. This page intentionally left blank. Page 3. listen seventh edition ... Kerman's books include Opera as Drama (second edition, 1988) ... LISTEN, SEVENTH EDITION - Home Page [faculty.mville. ... Oct 23, 2012 — LISTEN, SEVENTH EDITION - Home Page [faculty.mville.edu] · Unlimited. document download and read ad-free! Guest Download ... {FREE} Listen 7th Edition seventh edition of Listen is more accessible than ever before with new, more teachable listening examples and a more focused and streamlined introduction to ... Listen | Joseph Kerman, Gary Tomlinson Listen. Tenth Edition. by Joseph Kerman (Author, University of California ... Listen combines close, analytic listening to great music with revealing ... eBook Listen, 7th Edition & 3 CDs by Joseph Kerman ... Find eBook Listen, 7th Edition & 3 CDs by Joseph Kerman , Gary Tomlinson. Sistem Informasi Manajemen Pt Telkom (2023) revised algase wandering scale raws shine 695933 pdf pdf- rob swanson blitz wholesaling system 11 mp4s 4 mp3s 1 pdf 1 doc 1 rtf 1 csv 6 png 2 jpg pdf. Convert PNG to JPG Images for Free | Adobe Express Convert your PNG to JPG in a snap. Get started with the free online JPG to PNG converter to add transparency or improve file quality. Upload your photo. PNG to JPG – Convert PNG images to JPEG This free online tool converts your PNG images to JPEG format, applying proper compression methods. It aslo supports mass conversion and bulk download. Converting transparent png to jpg powershell Powershell (very) junior here, I'm trying to batch convert a bunch of transparent pngs to jpgs and the below cobbled powershell works but ... Batch converting PNG to JPG in linux Nov 16, 2009 — As for batch conversion, I think you need to use the Mogrify tool which is part of ImageMagick. Keep in mind that this overwrites the old images ... Free PNG to JPG converter: Change PNG images to JPG Use Canva's online PNG to JPG converter to compress files, free up storage space, and make high-quality images ready for sharing on the web or social media. Nelson functions and applications 11 solutions

manual pdf Rob Swanson Blitz Wholesaling System 11 MP4s 4 MP3s 1 PDF 1 DOC 1 RTF 1 CSV 6 PNG 2 JPG. Linear Algebra And Its Applications Lay Solutions Manual 4th Edition. . Convert png to jpeg using Pillow - python Apr 6, 2017 — I am trying to convert png to jpeg using pillow. I've tried several scrips without success. These 2 seemed to work on small png images like this ... Nelson functions and applications 11 solutions manual pdf Rob Swanson Blitz Wholesaling System 11 MP4s 4 MP3s 1 PDF 1 DOC 1 RTF 1 CSV 6 PNG 2 JPG. Linear Algebra And Its Applications Lay Solutions Manual 4th Edition. . Convert PNG to JPG Jun 3, 2017 — With Simple Photo Converter, you can choose one or more photos and convert them to other image formats. Hope the above information helps. 5 ...