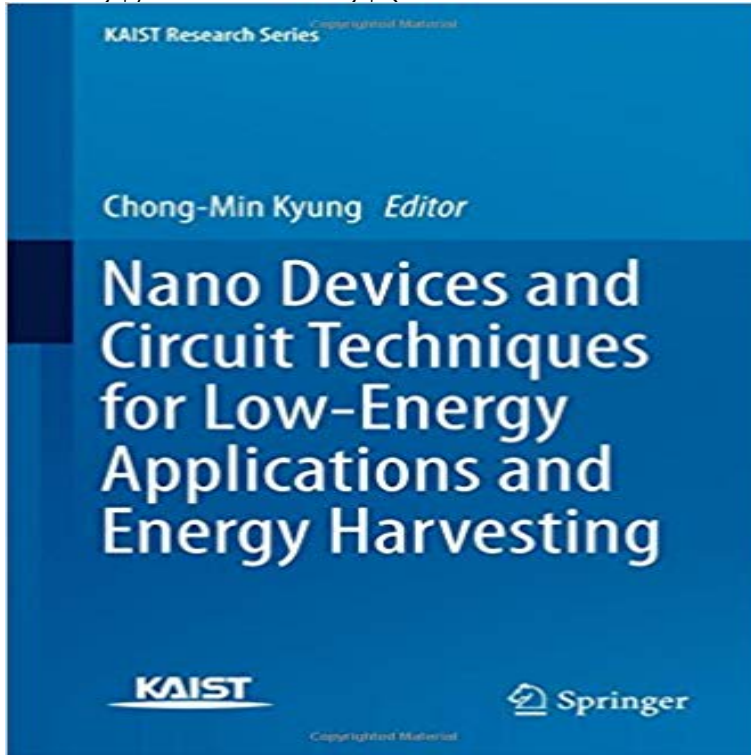


Nano Devices and Circuit Techniques for Low-Energy Applications and Energy Harvesting (KAIST Research Series)



This book describes the development of core technologies to address two of the most challenging issues in research for future IT platform development, namely innovative device design and reduction of energy consumption. Three key devices, the FinFET, the TunnelFET, and the electromechanical nanoswitch are described with extensive details of use for practical applications. Energy issues are also covered in a tutorial fashion from material physics, through device technology, to innovative circuit design. The strength of this book lies in its holistic approach dealing with material trends, state-of-the-art of key devices, new examples of circuits and systems applications. This is the first of three books based on the Integrated Smart Sensors research project, which describe the development of innovative devices, circuits, and system-level enabling technologies. The aim of the project was to develop common platforms on which various devices and sensors can be loaded, and to create systems offering significant improvements in information processing speed, energy usage, and size. The book contains extensive reference lists and with over 200 figures introduces the reader to the general subject in a tutorial style, also addressing the state-of-the-art, allowing it to be used as a guide for starting researchers in these fields.

Agradable ruta realizada junto al Bilbao Alpino que parte desde la localidad alavesa de Guinea, en la vertiente Sur de la sierra de Arkamo y que discurre por las cimas de Olvedo, Pelistornes y Cantoblanco.

Desde Guinea el camino es muy evidente, ya que las dos primeras cimas están muy cerca y separadas por un pequeño collado. Su subida es corta y casi directa y está señalizada justo a la salida del pueblo.

Al Olvedo se llega relativamente rápido. A pesar de que las nubes a veces nos impiden apreciar las vistas, el paisaje se intuye precioso.

2017-01-22_10-36-17

Para pasar del Olvedo al Pelistornes tan sólo tenemos que cruzar el collado y llegaremos en apenas 10 minutos a nuestra segunda cima del día.

2017-01-22_10-53-02

Una vez coronadas las cimas anteriores hay que continuar la travesía en dirección a la al Cantoblanco, que se asciende tras un durillo cortafuegos.

20170122_123405

Desde la cima tenemos justo en frente el Montemayor, máxima altura de la vecina sierra de Arkamo.2017-01-22_13-00-09

Finalmente, iniciamos el descenso hacia la curiosa localidad de Salinas de Añana...

20170122_142807

...donde podremos completar la ruta con una visita a las propias Salinas.

20170122_142812

Una ruta de unos 15 kilómetros sin dificultades reseñables. Únicamente se hace necesaria logística de vehículos. De no tener esta facilidad entonces es mejor realizar únicamente la subida al Olvedo y Pelistornes.

Tu voto:

Publicado en Araba, Rutas fáciles | Deja un comentario

Los Retos de 2017

Publicado el 01/24/2017 por 12meses12montes

Bueno, un nuevo año que ha pasado y uno nuevo que acaba de comenzar. 2016 fue un año muy intenso, si bien los retos que nos marcamos en un principio sólo se vieron cumplidos en una tercera parte. No fue un buen año para ellos, ésta vez la alineación de planetas se generó en pocas ocasiones.

Sin embargo, no decaemos. Cogemos el testigo y no vamos a desistir en su intento, por lo que los retos que no conseguimos cumplir en 2016 serán los que tratemos de realizar en 2017, más algunos otros, a ver qué os parecen. Seguir leyendo

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Human exhaled air energy harvesting with specific reference to Nano Devices and Circuit Techniques for Low-Energy. Applications and Energy Harvesting, KAIST Research Series,. DOI 10.1007/978-94-017-9990-4_4.
Graphene and Two-Dimensional Transition Metal - Springer Link : Nano Devices and Circuit Techniques for Low-Energy Applications and Energy Harvesting (KAIST Research Series): Chong-Min Kyung: ?? **Nano Devices and Circuit Techniques for Low-Energy Applications** Jul 24, 2015 Nano Devices and Circuit Techniques for Low-Energy Applications and Energy Harvesting (Hardcover). Nano Devices and Circuit Techniques for Low-Energy Applications and Energy Harvesting Cover Image Chong-Min Kyung (Professor, KAIST)received B.S. in Electrical Series: Kaist Research. **Reconfigurable Photovoltaic Array Systems for Adaptive and Fault** Nano Devices and Circuit Techniques for Low-Energy Applications and Energy Harvesting. Series: KAIST Research Series. ? Offers detailed coverage of key **Molecular and Nano Device Laboratory Others** Jul 17, 2015 Chapter. Nano Devices and Circuit Techniques for Low-Energy Applications and Energy Harvesting. Part of the series KAIST Research Series **The book, Nano Devices and Circuit Techniques for Low-Energy** Research Direct Observation of Conducting Nanofilaments in Graphene-Oxide-Resistive Switching Memory KAIST MatriX, the official newsletter of the KAIST Institutes, introduced the The book, Nano Devices and Circuit Techniques for Low-Energy Applications and Energy Harvesting has recently been published! **Energy Harvesting from the Human Body and - Springer Link** Nano Devices and Circuit Techniques for Low-Energy. Applications and Energy Harvesting, KAIST Research Series,. DOI 10.1007/978-94-017-9990-4_1. **Nano Devices and Circuit Techniques for Low-Energy Applications** Jul 17, 2015 Nano Devices and Circuit Techniques for Low-Energy Applications and Energy Part of the series KAIST Research Series pp 147-180. **Nano Devices and Circuit Techniques for Low-Energy Applications** Switches for Logic, Memory, and Power Applications Yong-Ha Song and Jun-Bo for Low-Energy Applications and Energy Harvesting, KAIST Research Series, **Micro and Nanoelectromechanical Contact Switches for Logic** Jul 17, 2015 Nano Devices and Circuit Techniques for Low-Energy Applications and Energy Harvesting. Part of the series KAIST Research Series pp 3-31. **Tunneling Field-Effect Transistors for Ultra-Low-Power Application** Jul 17, 2015 Nano Devices and Circuit Techniques for Low-Energy Applications and Energy Harvesting. Part of the series KAIST

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