



## Emerging Technologies and Circuits [

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Springer Netherlands,  
2010

Monografía

With the semiconductor market growth, new Integrated Circuit designs are pushing the limit of the technology and in some cases, require specific fine-tuning of certain process modules in manufacturing. Thus the communities of design and technology are increasingly intertwined. The issues that require close interactions and collaboration for trade-off and optimization across the design/device/process fields are addressed in Emerging Technologies and Circuits. It contains a set of outstanding papers, keynote and tutorials presented during 3 days at the International Conference On Integrated Circuit Design and Technology (ICICDT) held in June 2008 in Minatec, Grenoble. The selected papers are spread over 5 chapters covering various aspects of emerging technologies and devices, advanced circuit design, reliability, variability issues and solutions, advanced memories and analog and mixed signals. All these papers are focusing on design and technology interactions and comply with the scope of the conference

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**Título:** Emerging Technologies and Circuits [Recurso electrónico-En línea] edited by Amara Amara, Thomas Ea, Marc Belleville

**Editorial:** Dordrecht Springer Netherlands 2010

**Descripción física:** X, 266 p. digital

**Tipo Audiovisual:** Engineering Memory management (Computer science) Systems engineering Nanotechnology Engineering Circuits and Systems Nanotechnology Memory Structures

**Mención de serie:** Lecture Notes in Electrical Engineering 1876-1100 2021

**Documento fuente:** Springer eBooks

**Nota general:** Engineering (Springer-11647)

**Restricciones de acceso:** Accesible sólo para usuarios de la UPV

**Tipo recurso electrónico:** Recurso a texto completo

**Detalles del sistema:** Forma de acceso: Web

**ISBN:** 9789048193790 978-90-481-9379-0

**Autores:** Ea, Thomas Belleville, Marc

**Entidades:** SpringerLink (Servicio en línea)

**Enlace a formato físico adicional:** Printed edition 9789048193783

**Punto acceso adicional serie-Título:** Lecture Notes in Electrical Engineering 1876-1100 2021

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