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	Titolo	American Christianities [[electronic resource]] : a history of dominance and diversity / / edited by Catherine A. Brekus and W. Clark Gilpin
	Pubbl/distr/stampa	Chapel Hill, : University of North Carolina Press, c2011
	ISBN	1-4696-0249-0 0-8078-6914-7
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	Altri autori (Persone)	BrekusCatherine A GilpinW. Clark
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	Soggetti	Christianity - United States Electronic books.
	Lingua di pubblicazione	Inglese
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	Nota di contenuto	pt. 1. Christian diversity in America -- pt. 2. Practicing Christianity in America -- pt. 3. Christianity and American culture -- pt. 4. Christianity and the American nation.
	Sommario/riassunto	From the founding of the first colonies until the present, the influence of Christianity, as the dominant faith in American society, has extended far beyond church pews into the wider culture. Yet, at the same time, Christians in the United States have disagreed sharply about the meaning of their shared tradition, and, divided by denominational affiliation, race, and ethnicity, they have taken stances on every side of contested public issues from slavery to women's rights. This volume of twenty-two original essays, contributed by a group of prominent thinkers in American religious studies, provides a sophisticated understanding of both the diversity and the alliances among Christianities in the United States and the influences that have shaped churches and the nation in reciprocal ways. American Christianities explores this paradoxical dynamic of dominance and diversity that are the true marks of a faith too often perceived as homogeneous and monolithic. -- Publisher

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Autore	Singh Raminderpal
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Nota di contenuto	Contributors. -- Foreword. -- Preface. -- Acknowledgments. -- Introduction. -- A Historical Perspective at IBM. -- Technology Development. -- Modeling and Characterization. -- Design Automation and Signal Integrity. -- Leading-Edge Applications. -- Appendix. -- Index. -- About the Authors. --
Sommario/riassunto	"An excellent introduction to the SiGe BiCMOS technology, from the underlying device physics to current applications." -Ron Wilson, EETimes "SiGe technology has demonstrated the ability to provide excellent high-performance characteristics with very low noise, at high power gain, and with excellent linearity. This book is a comprehensive review of the technology and of the design methods that go with it." - Alberto Sangiovanni-Vincentelli Professor, University of California, Berkeley Cofounder, Chief Technology Officer, Member of Board Cadence Design Systems Inc. Filled with in-depth insights and expert advice, Silicon Germanium covers all the key aspects of this technology and its applications. Beginning with a brief introduction to and

historical perspective of IBM's SiGe technology, this comprehensive guide quickly moves on to: * Detail many of IBM's SiGe technology development programs * Explore IBM's approach to device modeling and characterization-including predictive TCAD modeling * Discuss IBM's design automation and signal integrity knowledge and implementation methodologies * Illustrate design applications in a variety of IBM's SiGe technologies * Highlight details of highly integrated SiGe BiCMOS system-on-chip (SOC) design Written for RF/analog and mixed-signal designers, CAD designers, semiconductor students, and foundry process engineers worldwide, Silicon Germanium provides detailed insight into the modeling and design automation requirements for leading-edge RF/analog and mixed-signal products, and illustrates in-depth applications that can be implemented using IBM's advanced SiGe process technologies and design kits. "This volume provides an excellent introduction to the SiGe BiCMOS technology, from the underlying device physics to current applications. But just as important is the window the text provides into the infrastructure-the process development, device modeling, and tool development." -Ron Wilson Silicon Engineering Editor, EETimes "This book chronicles the development of SiGe in detail, provides an in-depth look at the modeling and design automation requirements for making advanced applications using SiGe possible, and illustrates such applications as implemented using IBM's process technologies and design methods." -John Kelly Senior Vice President and Group Executive, Technology Group, IBM.