Record Nr. UNINA9911020036703321

Autore Raj Balwinder

Titolo FeFET Devices, Trends, Technology and Applications

Pubbl/distr/stampa Newark:,: John Wiley & Sons, Incorporated,, 2025

©2025

ISBN 9781394287307

1394287305 9781394287284 1394287283 9781394287291 1394287291

Edizione [1st ed.]

Descrizione fisica 1 online resource (353 pages)

Collana Semiconductor devices and their applications

Altri autori (Persone) RahiShiromani Balmukund

YadavNandakishor

Disciplina 621.3815/284

Soggetti Field-effect transistors

Ferroelectric devices

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Sommario/riassunto FeFET Devices, Trends, Technology and Applications is essential for

anyone seeking an in-depth understanding of the latest advancements in ferroelectric devices, as it offers comprehensive insights into research techniques, novel materials, and the historical context of semiconductor development. This book serves as an encyclopedia of knowledge for state-of-the-art research techniques for the miniaturization of ferroelectric devices. This volume explores characteristics, novel materials used, modifications in device structure, and advancements in model FET devices. Though many devices following Moore's Law and More-Moore are proposed, a complete history of existing and proposed semiconductor devices is now available here. This resource focuses on developments and research in emerging ferroelectric FET devices and their applications, providing unique coverage of topics covering recent advancements and novel

concepts in the field of miniaturized ferroelectric devices.		
	-	