

1. Record Nr.	UNIBAS000017667
Autore	Brady, Nyle C.
Titolo	Elements of the nature and properties of soils / Nyle C. Brady, Ray R. Weil
Pubbl/distr/stampa	Upper Saddle River (N.J.) : Pearson Education, c2004
ISBN	0-13-048038-X
Edizione	[2. ed.]
Descrizione fisica	XIV, 606 p. : ill. ; 29 cm.
Altri autori (Persone)	Weil, Ray R.
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Soggetti	Pedologia Terreno agrario
Lingua di pubblicazione	Italiano
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Autore	Sivasankaran K. <1977->
Titolo	Multigate Transistors for High Frequency Applications // by K. Sivasankaran, Partha Sharathi Mallick
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789819901579 9789819901562
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Introduction -- 2. Rf Transistor and Design Challenges -- 3. Radio Frequency Stability Performance of Dg Mosfet -- 4. Radio Frequency Stability Performance of Dg Tunnel Fet -- 5. Radio Frequency Stability Performance of Finfet -- 6. Radio Frequency Stability Performance Of Silicon Nanowire Transistor -- 7. References.
Sommario/riassunto	This book discusses the evolution of multigate transistors, the design challenges of transistors for high-frequency applications, and the design and modeling of multigate transistors for high-frequency applications. The contents particularly focus on the cut-off frequency and maximum oscillation frequency of different multigate structures. RF stability modeling for multigate transistors is presented, which can help to understand the relation between the small-signal parameter and the physical parameter of the device for optimization. This is a useful reference to those in academia and industry.