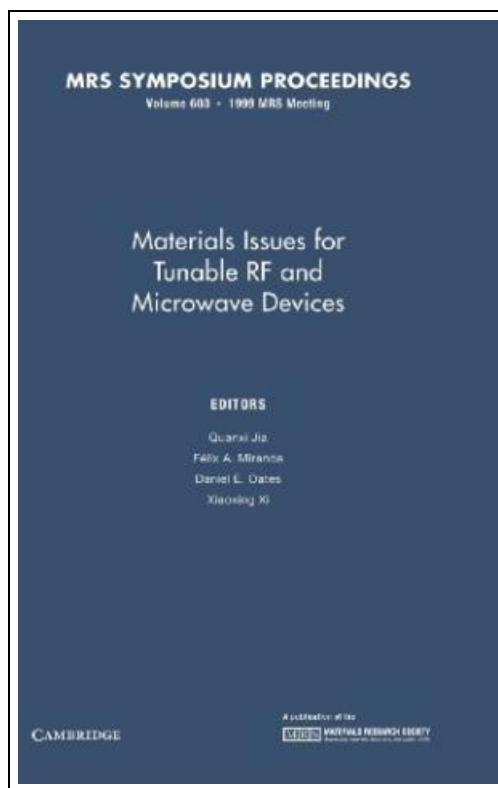


Materials Issues for Tunable RF and Microwave Devices: Volume 603 (Hardback)



Filesize: 7.72 MB

Reviews

If you need to adding benefit, a must buy book. It can be filled with knowledge and wisdom I am easily will get a pleasure of studying a composed publication.

(Trevor Greenholt DDS)

MATERIALS ISSUES FOR TUNABLE RF AND MICROWAVE DEVICES: VOLUME 603 (HARDBACK)

Materials Research Society, United States, 2000. Hardback. Condition: New. Language: English . Brand New Book. Electric or magnetic tunability of RF and microwave devices is desirable for a variety of civilian and military applications. Tremendous advances have been made in thin-film processing, in particular with metal-oxide thin films. Consequently, it has been recognized that the integration of nonlinear dielectric, ferrite, colossal magnetoresistive (CMR) ferromagnetic, and superconductor materials could revolutionize tunable devices by providing capabilities while significantly reducing size and cost. Crucial issues facing this technology concern the material properties, in particular, the loss in thin films of the tunable materials. Extensive efforts are being devoted to understand the tuning and loss mechanisms, improve thin-film processing and characterization, develop new materials, and design novel device concepts. This book, first published in 2000, serves as a reference for researchers and contributes to breakthroughs in basic and applied research in this field. Topics include: frequency-agile materials for electronics; electric-field tuning; magnetic-field tuning; high-frequency applications for ferroelectrics; ferroelectrics; magnetics and others; fundamentals and materials characterization.



[Read Materials Issues for Tunable RF and Microwave Devices: Volume 603 \(Hardback\) Online](#)



[Download PDF Materials Issues for Tunable RF and Microwave Devices: Volume 603 \(Hardback\)](#)

Related Kindle Books

**Weebies Family Halloween Night English Language: English Language British Full Colour**

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

[Save Document »](#)

**Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners**

Fernhurst Books Limited. Paperback. Book Condition: new. BRAND NEW, Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners, Paul B. Boissier, Expert information for yachtsmen and...

[Save Document »](#)

**Accused: My Fight for Truth, Justice and the Strength to Forgive**

BenBella Books. Hardback. Book Condition: new. BRAND NEW, Accused: My Fight for Truth, Justice and the Strength to Forgive, Tonya Craft, Mark Dagostino, This is the true story of a woman who prevailed against the...

[Save Document »](#)

**Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback**

Book Condition: Brand New. Book Condition: Brand New.

[Save Document »](#)

**Being Nice to Others: A Book about Rudeness**

Baker Publishing Group, United States, 2016. Paperback. Book Condition: New. 203 x 203 mm. Language: English . Brand New Book. Stories to Encourage Positive Behavior in Small Children The preschool and kindergarten years are some...

[Save Document »](#)