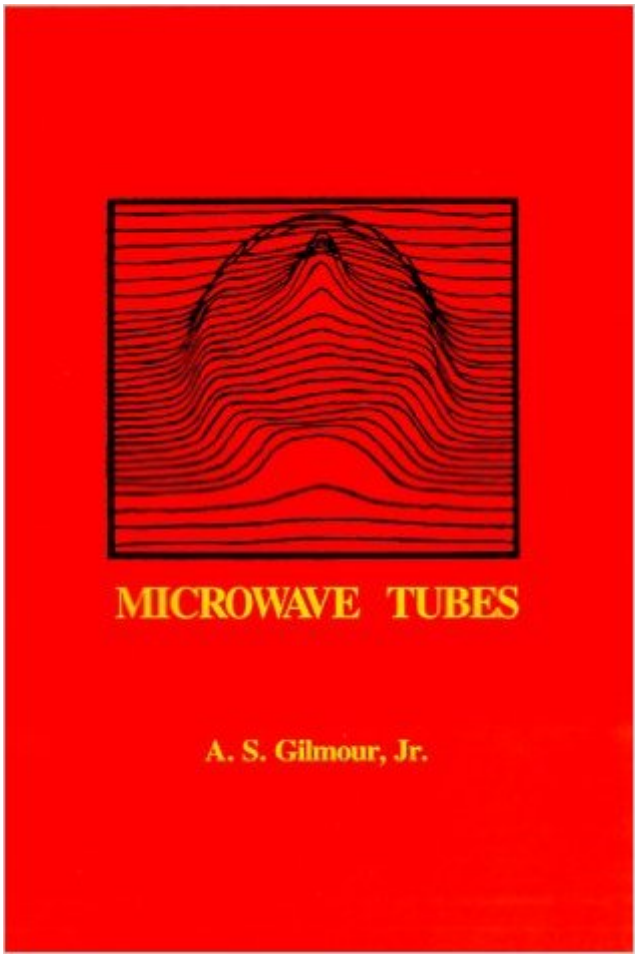
Microwave Tubes (Artech House Microwave Library)



Synopsis

Book by Gilmour, A. S.

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Customer Reviews

Microwave Tubes by A. S. Gilmour jr is an excellent introduction to microwave tube engineering and a thorough summary. He covers most of the phases of the field in as thorough a fashion as one could do in a book of this size. The references are adequate if one wishes to research a particular section more thoroughly. The book was written 15 years ago, but this is a mature field that is not changing rapidly so the material is not obsolete.At (price) it is an outstanding value. I purchased my personal copy with my personal funds and recomended that the company buy one and issue one as a desk copy to everyone involved in tube engineering.

Gareth Eaton borrowed this book from me when he was looking for a TWTA for his ESR (Electron Spin Resonance) research. He informed me that they had a new edition out, this was in 1994. He can be reached at Denver U in the chemistry lab. If you are interested in finding this edition. Regards, Jeff BassP.S. this is one of the few publications available on microwave tubes, that covers the whole range of available devices.

Dr. Gilmour is always updating and expanding the scope of devices covered in this book. Once he

has enough updated material, he publishes a new revision. The newer versions seem to be even harder to obtain. From what I can tell, with the number of true microwave tube design engineers and their associated manufacturing base constantly skrinking, his goal is to have this book serve as a educational tool to keep the knowledge base from being lost. Microwave tubes, especially the higher frequency and higher power ones, are not going obsolete any time soon.It is an excellent resource. I would recommend any version of this book to anyone. Where I work, we drop a copy of this book in front of new personnel.

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