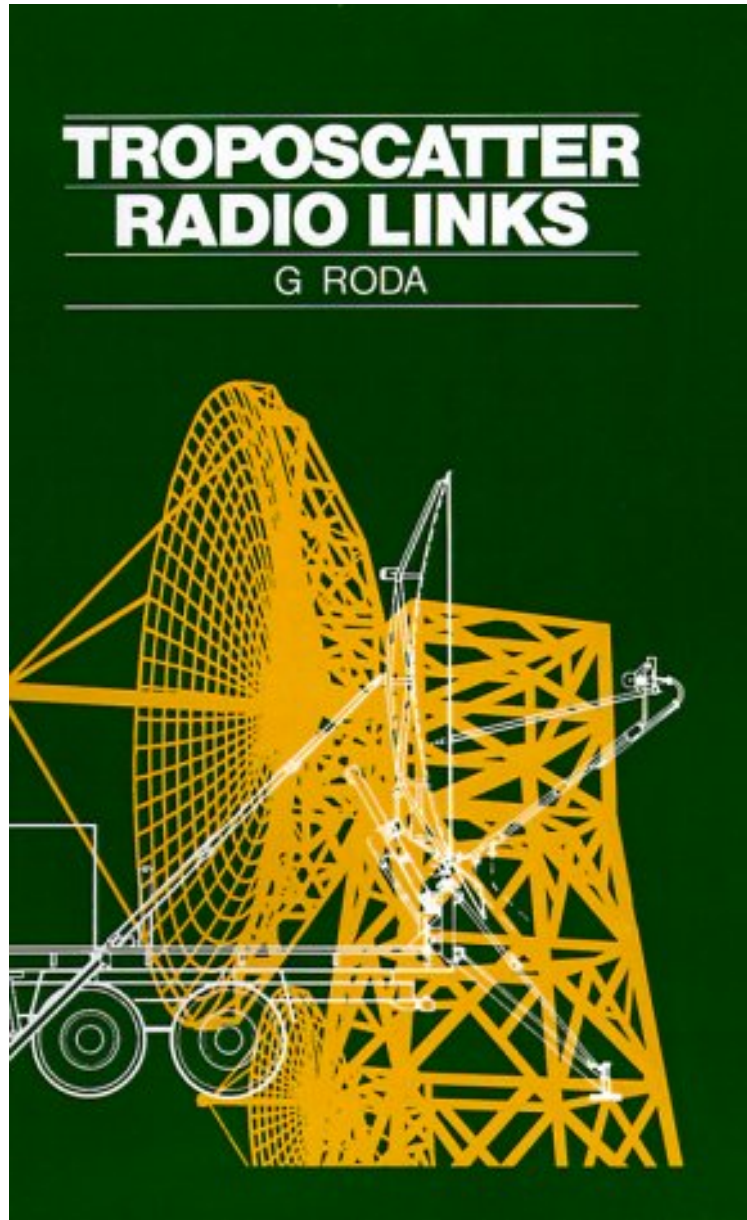


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Giovanni Roda : Troposcatter Radio Links (Artech House Radar Library) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Troposcatter Radio Links (Artech House Radar Library):

1 of 1 people found the following review helpful. Comments on 'Troposcatter Radio Links' By AORoda's book, while being still one of the most comprehensive on this subject, is showing its age, and would profit from an updated rev to

keep up with state of the art developments. Obsolete CCIR and NBS references must be replaced with the latest ITU and NIST equivalents, higher 'tropo' data rate capabilities using modern modulation techniques should be dealt with, etc. 2 of 2 people found the following review helpful. Review of 'Troposcatter', G Roda By David Burger This is an excellent text for students, radio system planners, academics and engineers who have exposure to the world of radio systems and getting the most out of them. The book is regarded as a classic text, and although a little dated in the current world of GSM, CDMA and high density radio communications, it does provide the reader a broad understanding of principles. The current dense environment of radio systems in cities is complimented by the use of radio in remote or underdeveloped countries, and that is where this book excels. The book would be invaluable to Defence personnel involved in radio communications, giving them a possible alternate means to achieve communications deep into hostile or uncontrolled territory without satellites. I would strongly recommend this text to Amateur Radio operators who have interests in long-haul VHF/UHF communications. It is much more prescriptive than say the RSGB or ARRL handbooks, and it offers a means to predict radio system performance over long distances. If you are looking for a book on cellular communications, satellite communications or radio astronomy - then this book IS NOT appropriate. Value for money - excellent, even here in Australia ! I purchased my copy in 1989, and it will always stay on my reference bookshelf. 1 of 1 people found the following review helpful. Minutely detailed, yet highly readable By Arvind Keerthi For a book on a fairly obscure topic, this is excellently organized and written. The author clearly has had intimate experience with minute aspects of many a tropo-link project, and he has been able to refine and crystallize his thoughts into this beautifully linear presentation. The only problem with Roda's "Troposcatter" is that it is a bit dated. He makes statements implying that bit-rates are limited due to the troposphere's Doppler spread and multi-path; in reality both these parameters of the troposphere are far less challenging than the corresponding parameters for a cell-phone channel. Clearly the book was written before the acronyms OFDM, LDPC and MIMO entered the communication engineer's parlance. So discount whatever Roda has to say about digital tropo-links.

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