

Propagation of radiowaves

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Abstrak

The field of radio communications continues to change rapidly and the second edition of this outstanding book, based on a popular IEE Vacation School, has been fully updated to reflect the latest developments. The introduction of new services and the proliferation of mobile communications have produced a growing need for wider bandwidths and the consequent need for frequency reuse.

This book introduces the basic concepts and mechanisms of radiowave propagation engineering in both the troposphere and ionosphere, and includes greater emphasis on the needs of digital technologies and new kinds of radio systems. The content reflects the wide experience of an exceptional group of authors and the emphasis throughout is on modelling and prediction methods and the relevant ITU Radiocommunication sector recommendations. Propagation of Radiowaves, 2nd Edition is essential reading for professionals involved in planning, designing and operating radio systems.