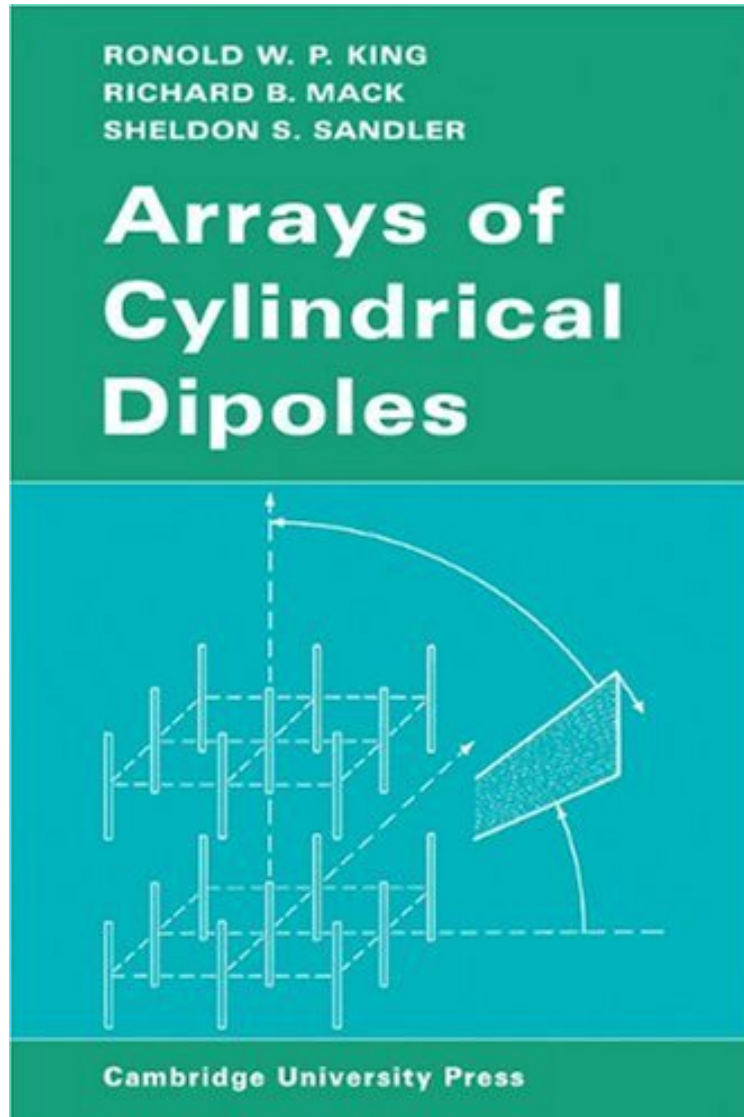


## Arrays of Cylindrical Dipoles

*R. W. P. King*

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#9011965 in Books King R W P King Ronold W P Mack Richard B 2009-06-25Original language:EnglishPDF # 1 9.02 x 1.14 x 5.98l, 1.64 #File Name: 0521114853512 pagesArrays of Cylindrical Dipoles | File size: 46.Mb

**R. W. P. King : Arrays of Cylindrical Dipoles** before purchasing it in order to gage whether or not it would be worth my time, and all praised Arrays of Cylindrical Dipoles:

In this book, first published in 1968, King and his co-authors develop a theory of the behaviour of arrays of rod-shaped antennas such as are used to achieve directive transmission and reception of radio waves for use in communication

between points on the earth, between the earth and a space vehicle, or in radio astronomy. They use quantitative analysis of arrays of practical types and wide range of lengths over a wide frequency band, which makes possible the design of new arrays with desired characteristics. After the introductory chapter reviewing the foundations and conventions antenna theory, each subsequent chapter takes into account the authors own particular theories on isolated antennas, two-coupled antennas, N-element circular array, N-element curtain array of identical elements, to arrays containing elements of different lengths and finally to planar and three-dimensional arrays. The final chapter is concerned with problems of measurement and the correlation of theory with experiment.