



# Harmonic Analysis

By Henry Helson

Kluwer Academic Publishers Group, Netherlands, 1991. Paperback. Book Condition: New. New edition. 229 x 163 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The reader is assumed to know the elementary part of complex function theory, general topology, integration, and linear spaces. All the needed information is contained in a usual first-year graduate course on analysis. These prerequisites are modest but essential. To be sure there is a big gap between learning the Banach-Steinhaus theorem, for example, and applying it to a real problem. Filling that gap is one of the objectives of this book. It is a natural objective, because integration theory and functional analysis to a great extent developed in response to the problems of Fourier series! The exposition has been condensed somewhat by relegating proofs of some technical points to the problem sets. Other problems give results that are needed in subsequent sections; and many problems simply present interesting results of the subject that are not otherwise covered. Problems range in difficulty from very simple to very hard. The system of numeration is simple: Sec. 3. 2 is the second section of Chapter 3. The second section of the current chapter is Sec. 2....



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