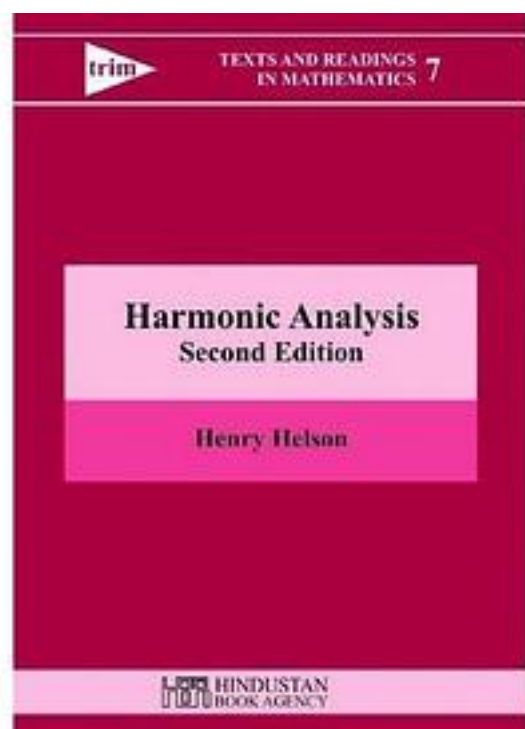


Harmonic Analysis (Second Edition)



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著者:Henry Helson

出版者:Hindustan Book Agency

出版时间:1995

装帧:Paperback

isbn:9789380250052

The book is enlarged and considerably rewritten in comparison with the first edition. Among the new topics are: infinite product spaces with applications to probability, disintegration of measures on product spaces, positive definite functions on the line, and additional information about Weyl's theorems on equidistribution. Topics that have continued from the first edition include Minkowski's theorem, measures with bounded powers, idempotent measures, spectral sets of bounded functions and a theorem of Szegő, and the Wiener Tauberian theorem.

作者介绍:

目录: 1. Fourier Series and Integrals
2. The Fourier Integral
3. Discrete and Compact Groups
4. Hardy Spaces
5. Conjugate Functions
6. Translation
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标签

调和分析

数学

评论

非专著, 可以作为给人一个大致的taste的参考书, 如果有兴趣的话再看专著.
该书只用传统的分析手段, 只讲 $L^1(T)$, $L^1(R)$ 和 $L^2(R)$ 的调和分析.
但是该书包含了很多比较不常见的结果, 比如 R 上有界函数的谱的一些结果(非banach algebra的证明)

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书评

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