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<<球面上的调和分析与逼近>>

图书基本信息

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前言

In recent years the research in Fourier Analysis and Approxima-tion Theory has been extended from the classical setting, i.e., from the investigation on Rn and, respectively, to the investigation onmanifolds. Nikol'skii has published a series of papers in this respect.

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内容概要

The aim of the book "Harmonic Analysis and Approximation on the Unit Sphere"is:(1)to give a basic introduxtion to the spherical harmonic expansion i.e.the Fourier-Laplace series of functions on the sphere of multidimensional Euclician spaces;(2)to present the main research results obtained in this area by the authors and their co -authors during the period form 1991 to 1999;(3)to provide a basic selfcontained reading material for the graduate students. This book can serve as a specialty textboku for the graduate students in the realfunction theory group of mathematical departement of universities.

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