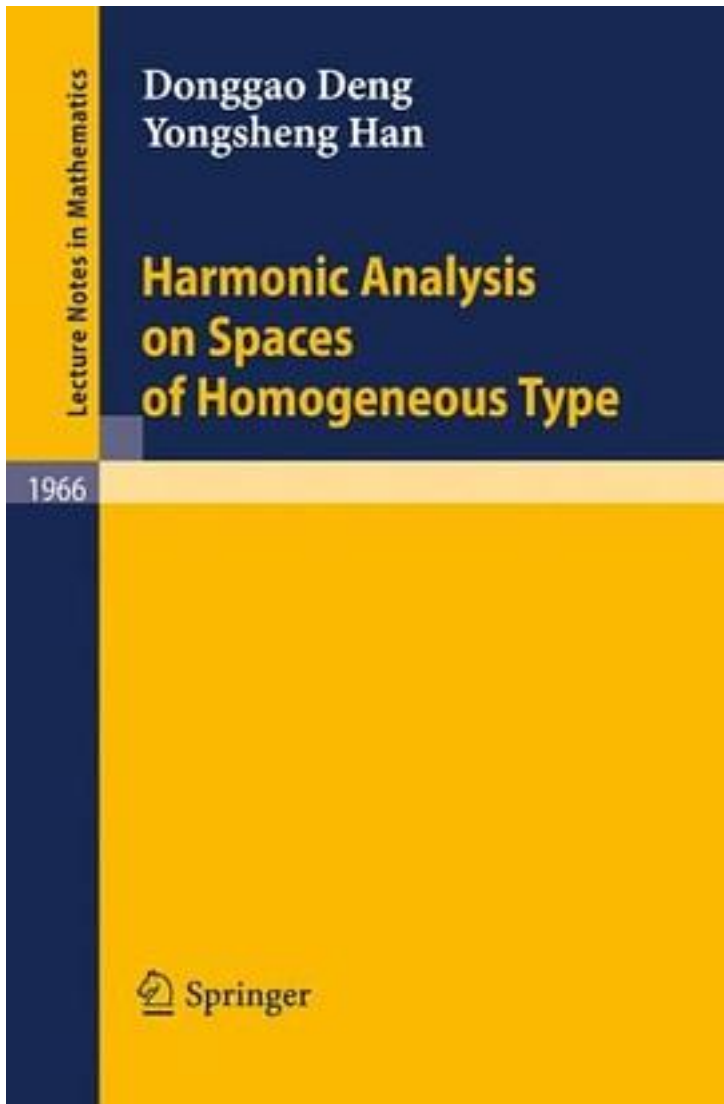# Harmonic Analysis on Spaces of Homogeneous Type (Lecture Notes in Mathematics)

Harmonic Analysis on Spaces of Homogeneous Type (Lecture Notes in Mathematics)_下载链接1_

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出版者:Springer

出版时间:2008-12-05

装帧:Paperback

The dramatic changes that came about in analysis during the twentieth century are truly amazing. In the thirties, complex methods and Fourier series played a seminal role. After many improvements, mostly achieved by the CalderA3n-Zygmund school, the action today is taking place in spaces of homogeneous type. No group structure is available and the Fourier transform is missing, but a version of harmonic analysis is still available. Indeed the geometry is conducting the analysis. The authors succeed in generalizing the construction of wavelet bases to spaces of homogeneous type. However wavelet bases are replaced by frames, which in many applications serve the same purpose.

作者介绍:

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