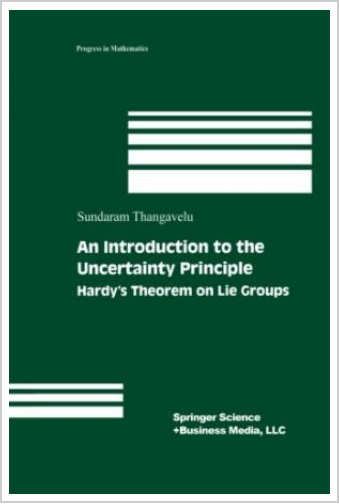

An Introduction to the Uncertainty Principle: Hardy S Theorem on Lie Groups

By Sundaram Thangavelu

Birkhauser. Paperback. Condition: New. 174 pages. Dimensions: 9.2in. x 6.1in. x 0.5in.In 1932 Norbert Wiener gave a series of lectures on Fourier analysis at the Univer sity of Cambridge. One result of Wieners visit to Cambridge was his well-known text The Fourier Integral and Certain of its Applications; another was a paper by G. H. Hardy in the 1933 Journalofthe London Mathematical Society. As Hardy says in the introduction to this paper, This note originates from a remark of Prof. N. Wiener, to the effect that a f and g j cannot both be very small. . . . The theo pair of transforms rems which follow give the most precise interpretation possible ofWieners remark. Hardys own statement of his results, lightly paraphrased, is as follows, in which f is an integrable function on the real line and f is its Fourier transform: x 2 m If f and j are both 0 (Ix1e- 2) for large x and some m, then each is a finite linear combination ofHermite functions. In particular, if f and j are x2 x 2 2 2 both O(e-), then f j Ae- , where A is a constant; and if one x 2...

Reviews

I actually started looking over this publication. It really is rally interesting throgh studying period. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- ***Dana Hintz***

Good electronic book and valuable one. It really is basic but unexpected situations in the 50 percent in the pdf. You wont really feel monotony at at any moment of your time (that's what catalogues are for concerning when you ask me).

-- ***Elisa Reinger***