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前言

This book is the English version of the French “ Geometrie non commutative ” published by InterEditions Paris （1990）. After the excellent initial translation by S.K. Berberian， a considerable amount of rewriting was done and many additions made， multiplying by 3.8 the size of the original manuscript. In particular the present text contains several unpublished results. My thanks go first of all to Cecile whose patience and care for the manuscript have been essential to its completion. This second version of the book greatly benefited from the modifications suggested by many people： foremost was Marc Rieffel， but important contributions were made by D. Sullivan， J.-L. Loday， J. Lott， J. Bellissard， P. B. Cohen， R. Coquereaux， J. DLxmier， M. Karoubi ， P. Kree， H. Bacry， P. de la Harpe， A. Hof， G. Kasparov， J. Cuntz， D. Testard， D. Kastler， T. Loring， J. Pradines， V. Nistor， R. PIymen， R. Brown， C. Kassel， and M. Gerstenhaber， with several of whom I have shared the pleasure of collaboration. Patrick Ion and Arthur Greenspoon played a decisive r61e in the finalisation of the book， clearing up many mathematical imprecisions and considerably smoothing the initial manuscript. I wish to express my deep gratitude for their generous help and their insight. Finally， my thanks go to Marie Claude for her help in creating the picture on the cover of the book， to Gilles who took the photograph， and to Bonnie Ion and Francoise for their help with the bibliography. Many thanks go also to Peter Renz who orchestrated the whole thing.

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内容概要

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