

Lecture Notes in Mathematics

Edited by A. Dold and B. Eckmann

1020

Non Commutative Harmonic Analysis and Lie Groups

Proceedings of the International Conference
Held in Marseille Luminy, 21-26 June, 1982

FB Mathematik
TU Darmstadt



58396249

Edited by J. Carmona and M. Vergne

Fachbereich Mathematik
Technische Hochschule Darmstadt

Bibliothek

Inv.-Nr.

B 19817



Springer-Verlag
Berlin Heidelberg New York Tokyo 1983

NON COMMUTATIVE HARMONIC ANALYSIS AND LIE GROUPS

BALDONI SILVA M.W.	L^2 index and unitary representations	1
CARMONA Jaques	Sur la classification des modules admissibles irréductibles	11
GUILLEMONAT Alain	Représentations sphériques singulières	35
HERB Rebecca	The Plancherel Theorem for semisimple Lie groups without compact Cartan Subgroups	73
JOSEPH Anthony	Completion functors in the Q - category	80
KNAPP Anthony W.	Minimal K - type formula	107
KNAPP A.W. & SPEH B.	The role of basic cases in classification : Theorems about unitary representations applicable to $SU(N,2)$	119
LIPSMAN Ronald L.	On the existence of a Generalized Weil Representation	161
WILLIAMS Floyd L.	Solution of a conjecture of Langlands	179