Abstract Harmonic Analysis

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Contents

Ι		2
1	Locally compact abelian groups	3
2	Compact groups	4
3	Mackey machine 3.1 Example of Lie groups	5
4	Kac algebras	6
5	Locally compact quantum groups	7

Part I

Locally compact abelian groups

Compact groups

Mackey machine

3.1 Example of Lie groups

Wigner classification

Kac algebras

Locally compact quantum groups