

# Part II Quantum Field Theory

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# Preface

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## CHAPTER 1

# Quantum Dynamics

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## CHAPTER 2

# Introduction to Path Integrals

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## CHAPTER 3

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## CHAPTER 4

# Identical Particles in Quantum Mechanics

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## CHAPTER 5

# Density Matrices

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## CHAPTER 6

# Lie Groups [*non-examinable*]

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## CHAPTER 7

# Relativistic Quantum Physics [*non-examinable*]

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## APPENDIX A

# Appendix

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