

Foreword

This book, by Debabrata Basu, is novel and valuable in several different ways. In this work, the author offers a quality introduction and review of important analytical methods and tools in Part I, and in Part II applies them to an important set of Lie groups presenting them in a modern analytical language that also makes close contact with the language of the well known coherent states. The author effectively uses numerous examples to guide the reader to an ever increasing appreciation of the analytical methods he discusses. As such, this first part already serves as a useful summary of basic fundamental analytical notions. The second part dealing with several examples of locally compact groups offers the reader a smooth introduction into this basic and very important territory. I am pleased to congratulate the author for his significant contribution to this general subject matter.

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