

Preface

The many wonders of nanophysics were first anticipated by Richard Feynman in a speech he gave in late 1959, subsequently published under the title “There’s Plenty of Room at the Bottom”. After almost half a century has passed since his provocation, we have reached some of the expectations which he envisioned. One of the reasons for not fully attempting the objectives he gave is that there are still a lot of unsolved problems to connect the nanometer-scale world and macroscopic-scale world. The main problem is that there are different effects in the nanoworld and the macroworld. We hope that this book contributes to a better understanding.

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