

Preface

This book intends to describe the problems and methods of non-equilibrium statistical mechanics of condensed matter unto its most recent developments as observed by the author during his scientific career since the early sixties. On the one hand, most topics are from the author's research interests, therefore his choice of these topics is personal to some extent. On the other hand, he would like to emphasize to the reader that this book is not just a pile of simple external compilations.

The content of these lectures was partly scattered in various conferences, seminar talks and lectures held over the years, and partly elaborated for a series of lectures for graduate students and postdocs at the University of Frankfurt in 2004.

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