

## Preface

*“Principles of Nanotechnology”* is a result of my recent research and educational activities concerning the molecular behavior of condensed matter in small systems. It contains a special viewpoint of nano systems based on my prior experiences dealing with the molecular based study of matter, statistical mechanics, thermodynamics and engineering. I have previously presented various components of this subject in workshops, colloquies, seminars and research papers.

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The reader should bear in mind that this book serves as a survey of this subject matter. A limited number of topics and references are given and I apologize to those whose publications were omitted.

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