

Although textbooks on the physics of condensed matter consider non-covalent interactions in detail, their application for analysis of protein properties is often poorly presented or omitted. On the other hand, books on biochemistry, molecular modeling or molecular simulation introduce these interactions in the context of the corresponding topic, which sometimes results in superficial explanations of their nature. This book succeeds in uniting comprehensive considerations of non-covalent interactions with the specificity of their application in protein sciences.

The ideal aid for students of physics or chemistry, with interests in biology and biophysics, the book can also be useful for students of biology, biochemistry, or biomedicine who want to extend their knowledge of how protein properties are described at the molecular level.

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