Theory and Applications of the Empirical Valence Bond Approach: From Physical Chemistry to Chemical Biology

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DESCRIPTION

A comprehensive overview of current empirical valence bond (EVB) theory and applications, one of the most powerful tools for studying chemical processes in the condensed phase and in enzymes.

- Discusses the application of EVB models to a broad range of molecular systems of chemical and biological interest, including reaction dynamics, design of artificial catalysts, and the study of complex biological problems
- Edited by a rising star in the field of computational enzymology
- Foreword by Nobel laureate Arieh Warshel, who first developed the EVB approach

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