



## Bioenergetics: Concise Note (Paperback)

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By A Kanni Raj

Independently Published, United States, 2019. Paperback. Condition: New. Language: English. Brand new Book. Bioenergetics: Concise Note - is a simple treatise with an elegant compilation of lecture notes on concepts of thermodynamics as applied to biological open system, such as plants, animals, etc. It explains the energies and processes concerned with biological system activities, and is an irreversible thermodynamics. Topics covered are Entropy and Energy Flow, ATP, Transfer Potentials, Coupled Reactions, Irreversible Thermodynamics, Biological Energy Conversions, High Energy Metabolites, General Principles of Functional and Structural Organization of Bioenergetics, Fundamental Bioreactions, Properties and General Role of ATP in Bioenergetics, and Mechanisms and Energetics of Reactions of Metabolically bound Hydrogen and Oxygen Molecules.



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