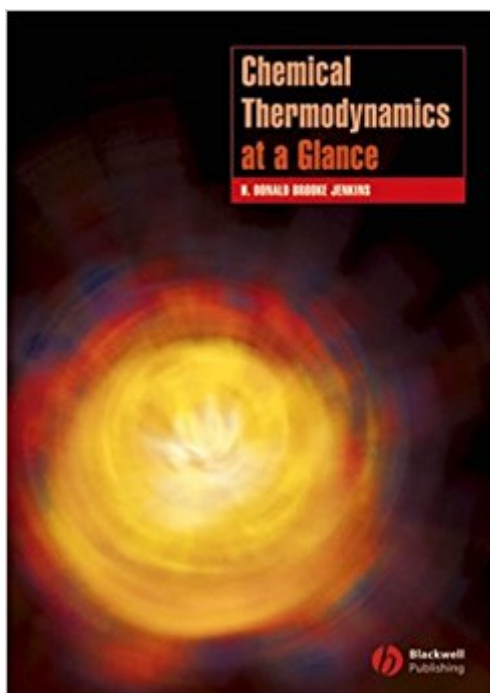


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# Chemical Thermodynamics At A Glance



## Synopsis

Chemical thermodynamics considers the energy transformations which drive or which occur as a result of chemical reactions. It is a central discipline of chemistry and chemical engineering, allowing prediction of the direction of spontaneous chemical change and the position of chemical equilibrium in any reacting system. Being grounded in maths, it is often perceived as a difficult subject and many students are never fully comfortable with it. *Chemical Thermodynamics at a Glance* provides a concise overview of the main principles of Chemical Thermodynamics for students studying chemistry and related courses at undergraduate level. Based on the highly successful and student friendly "at a Glance" approach, the information is presented in integrated, self contained double page spreads of text and illustrative material. The material developed in this book has been chosen to ensure the student grasps the essence of thermodynamics, so those wanting an accessible overview will find this book an ideal source of the information they require. In addition, the structured presentation will provide an invaluable aid to revision for students preparing for examinations.

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Chemical thermodynamics looks at the energy transformations which occur as a result of chemical reactions. It is a central discipline of chemistry and chemical engineering, as it allows us to determine the direction of spontaneous chemical change and the position of chemical equilibrium in any reacting system. Being grounded in maths, it is often perceived as a difficult subject and many students are never fully comfortable with it. Chemical Thermodynamics at a Glance provides a concise overview of the main principles of Chemical Thermodynamics for students studying chemistry and related courses at undergraduate level. Based on the highly successful and student friendly "at a Glance" approach, the information is presented in integrated, self contained double page spreads of text and illustrative material. The material developed in this book has been chosen ensure the student grasps the essence of thermodynamics so those wanting an accessible overview will find this book an ideal source of the information they require. In addition, the structured presentation will provide an invaluable aid to revision for students preparing for examinations.

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