

## Book Review

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*Thermometric Titrations* by J. Barthel. John Wiley and Sons Ltd., 1976 February, in English, 210 pp. £ 13.65, \$ 24.55

The excellent monograph presents the dual purpose and potentiality of thermometry, a method based on the measurement of the heat effect or temperature change accompanying any chemical reaction: it can be applied as a rapid method of quantitative analysis for the determination of the concentration of substances in solutions or melts on the one hand, and as means for the determination of thermodynamic constants from the thermometric titration curves of solutions of known concentrations, on the other.

The author shows the use, potentialities and capabilities of the method.

The structure of the book is clear, well proportioned.

In the first part the theoretical fundamentals and the three measuring techniques thermometric enthalpy titration (TET) direct injection enthalpimetry (DIE) and continuous-flow enthalpimetry are discussed.

In the second part of the book the determinations worked out so far are classified and dealt with in detail. Data and results are summarized in concise tables. The literature is up to date.

In the last chapter of the book the available thermometric instruments and the aspects of instrument designing are treated by Prof. R. Wachter.

The monograph is very interesting and useful for experts working both in research and industry.

P. MARIK-KORDA