

demonstrated some lack of judgment, for they have calculated equilibrium concentrations for the reactions only in the relatively simple case of parallel and independent chemical reactions—that is, chemical equilibrium compositions were calculated for each reaction without considering the effect of competing reactions. Obviously the case of chemical equilibrium among all the competing reactions is the proper one when one wishes to calculate potential reaction yields. For this reason much of the latter half of this monograph has little value.

The technical editor of the translation should have provided a smoother English version, and the translator should have included a glossary to inform the reader of differences in terminology—for example, Z , in the Russian literature, called the thermodynamic potential, is equivalent to the Gibbs free energy, and ϕ^* , the potential, is equivalent to the free energy function.

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