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Fragments and ideas law of mass action

Bob Eisenberg <beisenbe@rush.edu>**Mon, Jan 31, 2011 at 5:21 AM**

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ALL chemical reactions involve large LOCAL concentrations of reactants in region that the reaction occurs.

Thus, all chemical reactions involve EXCESS free energy in the critical region where they occur.

Thus all chemical reactions are NONIDEAL in the critical region where they occur.

Thus, all chemical reactions are described by rate constants that are nonideal, i.e., that vary.

If the reactants more or less buffer their own concentrations, the variation of rate constant with concentration may not be too large.

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