## Activity Coefficients of Adsorbed Gas Mixtures. Nitrogen-Oxygen on Anatase

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## Abstract

A procedure for the determination of activity coefficients of adsorbed solutions is described. For the mixture nitrogen-oxygen on anatase, there are large negative deviations from Raoult's law at monolayer coverage. Only at a coverage of about 5 layers does the mixture begin to exhibit liquid-like properties (small positive deviations from Raoult's law).