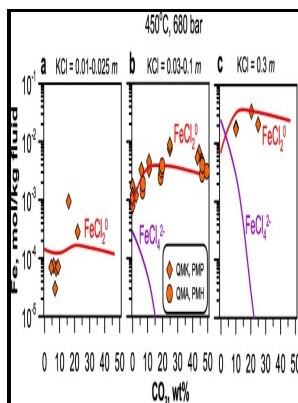


Thermodynamic modeling of geological materials: minerals, fluids and melts. I.S.E. Carmichael and H.P. Eugster, Editors.

Mineralogical Society of America - Solubility of silica polymorphs in electrolyte solutions, I. Activity coefficient of aqueous silica from 25° to 250°C, Pitzer's parameterisation



Description: -

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Australia -- Biography.
Dutch -- Australia -- Biography.
Duyker, Maryse, 1932- -- Family.
Duyker, Edward -- Family.
Duyker family.

ThermodynamicsThermodynamic modeling of geological materials:
minerals, fluids and melts. I.S.E. Carmichael and H.P. Eugster,
Editors.

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Tags: #Termodinámica #(página #3)

Thermodynamic modelling of the Br partition between aqueous solutions and halite

In natural rocks, it often occurs combined with the opposite endmember, the batch volatilization, where the produced fluid stays within the system as the mineral reaction proceeds and remains in isotopic equilibrium with the rock until the reaction is completed. If the measured isotopic compositions are not consistent with the behaviour of a closed system, the presented approach can be used to determine feasible external fluid sources, to estimate the degree of fluid—rock interaction and the metamorphic conditions at which this happened.

Termodinámica (página 2)

Field in b bold outline is the data from a.

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Mafic rock alteration and the isochemical development of some cordierite-anthophyllite rocks. A P—T projection for KNASH, showing the relationship to KASH equilibria. The major element variation of the layered series of the Skaergaard intrusion and a re-estimation of the average composition of the hidden layered series and of the successive residual magmas.

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Melting relations in the system $\text{KAlSiO}_4\text{-MgO-SiO}_2$ and $\text{KAlSiO}_4\text{-MgO-SiO}_2\text{-CO}_2$ to 30 kilobars.

The solubility of celestite and barite in electrolyte solutions and natural waters at 25°C: A thermodynamic study

In plan view the volcano is symmetrical and circular Figure 2. Classification of Lamprophyres, lamproites, kimberlites, and the kalsilitic, melilitic, and leucitic rocks. Published mineral dissolution experiments in basaltic melts are consistent with a time-independent dissolution mechanism.

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