

Electrochemical determination of Gibbs energies of formation of cobalt and nickel sulfides

U.S. Dept. of the Interior, Bureau of Mines - Gibbs' free energy (Concept)

Description: -

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Epistolary fiction, English -- History and criticism
Richardson, Samuel, 1689-1761 -- Criticism and interpretation.
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Art -- Juvenile literature.
Panama -- Relations -- United States.
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Nickel sulphide.
Cobalt sulphide.
Gibbs free energy.

Electrochemistry.Electrochemical determination of Gibbs energies of formation of cobalt and nickel sulfides

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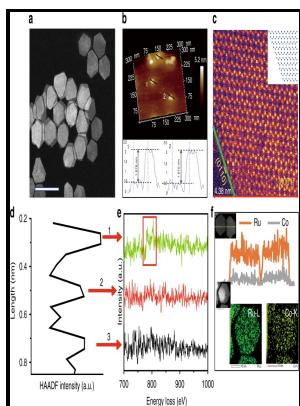
Report of investigations (United States. Bureau of Mines) ;

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Bureau of Mines ;Electrochemical determination of Gibbs energies of formation of cobalt and nickel sulfides

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Tags: #An #hydrothermal #experimental #study #of #the #cobalt

NIOSHTIC

Borie, Oak Ridge National Laboratory, and U. Groves, Paulette Smith, Salt Lake City Metallurgy Research Center U.

Electrochemical determination of the thermodynamic parameters of sphalerite, ZnS

Galvanic cells with oxygen-specific solid electrolytes made of calcia-stabilized zirconia have been used to make equilibrium measurements of the standard Gibbs free energy of formation, $\Delta f G \text{ } 0 \text{ m, T}$, for copper I oxide Cu₂O, nickel II oxide NiO, cobalt II oxide CoO, and wüstite Fe_xO over the temperature range from 900—1400 K. Radiation Laboratory University of California, and U. Haven and University of Rochester.

NIOSHTIC

Steady-state concentrations of hydrogen were approached in experiments under conditions of both H₂ excess and deficiency containing the solids Co, CoO and liquid water. All experiments were carried out in flexible gold and titanium reactors with the capability of on-line fluid sampling.

Electrochemical determination of the thermodynamic parameters of sphalerite, ZnS

Atomics International Division, and U. Peden, Risk Reduction Engineering Laboratory U. By continuing you agree to the.

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