

Title of the paper - Test

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Abstract

This is 300 words abstract.

A data base covering the transition metals has been developed which permits coupling of thermochemical and phase diagram data and can readily be employed to compute ternary and higher order systems. Previous papers in the series of CALPHAD publications have illustrated development of the base through utilization of experimental phase diagram and thermochemical data. The present work examines the usefulness of Miedema's computed heats of solution for liquid phases in considering the development of coupled data for three simple transition metalberyllium systems. The final results are then employed to recalculate the titanium-beryllium-zirconium-ternary system in order to define the composition with the greatest liquid stability. Such information can be of particular value in synthesis of metallic glasses.