

# Ternary and High Order Aluminum Phase Diagram Updates

Ternary aluminum phase diagrams were compiled by ASM International (*Handbook of Ternary Alloy Phase Diagrams*, eds., P. Villars, A. Prince, and H. Okamoto, Volumes 3-4) and by VCH Verlagsgesellschaft, Germany (*Ternary Alloys*, eds., G. Petzow and G. Effenberg, Volumes 3-8). They cover the period from ~1900 to ~1990. A large number of new publications have appeared in the literature in the last 17 years. It is the purpose of this Addendum to review briefly the new information, using as the starting point either the data compiled in the ASM volumes or any other later evaluation.

This issue carries updates on 16 ternary systems: Al-B-Ir, Al-B-Rh, Al-B-Si, Al-C-Co, Al-C-Cr, Al-C-Ir, Al-C-Rh, Al-Co-Gd, Al-Co-Pd, Al-Co-Si, Al-Cu-Rh, Al-Ir-Ni, Al-Ir-Pt, Al-Mn-Pd, Al-Pd-Re, and Al-Pd-Rh, and the quaternary systems Al-C-Co-Fe and Al-C-Co-Ni. This work was supported by the Indian Institute of Metals, Calcutta.

**V. Raghavan**

*Editor*

*Phase Diagrams of Ternary Iron Alloys  
Parts 1,2,3,5, and 6*