Publications 1976 - 2005


Journals


42. Benyan Pei, Bo Björkman, Bo Sundman and Bo Jansson, Thermodynamic Assessment of the Fe-As System using an Ionic 2-sublattice model for the liquid phase, in Z Metallkde 85 (1994) pp 171-177.


71. L.F.S. Dumitrescu, M. Hillert and B. Sundman, A Reassessment of Ti-C-N based on a
534-541.

and its associated Martensitic Transformation in the Ti-Ni system, in Acta Mater. 47

73. N A Dubrovinskaia, L S Dubrovinsky, S K Saxena, M Selleby and B Sundman, Thermal
242-245.

74. N A Dubrovinskaia, L S Dubrovinsky, A Karlsson, S K Saxena and B Sundman,
Experimental study of thermal expansion and phase transformations in iron-rich Fe-Al

75. B Sundman, F Aldinger and H J Seifert, The Ringberg workshop 1997 on the Appli-

76. U R Kattner, G Eriksson, I Hahn, R Schmid-Fetzer, B Sundman, V Swamy, A Kuss-
maul, P J Spencer, T J Andersson, T G Chart, A Costa e Silva, B Jansson, B-J Lee and
M Schalin, Use of thermodynamic software in process modelling and new applications

77. Niklas Ahlen, Mats Johnsson, Ann-Kristin Larsson, Bo Sundman, On the carbothermal
vapour-liquid-solid (VLS) mechanism for TaC, TiC and Ta$_x$Ti$_{1-x}$ wisker growth,

78. I Ansara and B Sundman, Calculation of the Magnetic Contribution for Intermetallic

79. Q Chen and B Sundman, Calculation of Debye temperature for chrystalline structures

80. N Dupin and B Sundman, A thermodynamic database for Ni-base superalloys, in Scand

81. C Servant, B Sundman and O Lyon, Thermodynamic Assessment of the Cu-Fe-Ni

82. N Dupin, I Ansara and B Sundman, Thermodynamic Re-assessment of the Ternary

83. H H Mao, B Sundman, Z W Wang, Volumetric properties and phase relations of silica
- thermodynamic assessment, in J Alloy Compd 327, (2001), 253-262

84. I Ansara, M Hillert and B Sundman, Contributions to the thermodynamic modelling
of solutions, in Z Metallkld. 92 (2001) 526-532


88. M Hillert and B Sundman, Predicting miscibility gaps in reciprocal liquids, in Calphad 25 (2001) 599-606


93. Qing Chen and Bo Sundman, Computation of Partial Equilibrium with Complete Interstitial and Negligible Substitutional Solute Back Diffusion, in Mat. Trans., 43 (2002) 551-559

94. C Toffolon, C Servant, J C Gachon and B Sundman, Reassessment of the Nb-Sn system, in J Phase Eq, 23 (2002) 134-139

95. P B Fernandes, G C Coelho, F Ferreira, C A Nunes and B Sundman, Thermodynamic modeling of the Nb-Si system, in Intermetallics, 10, (2002) 993-999


Published Lectures


Contributions in Books and other review publications


