

Cr - Au

TiAn_4 , TiAn_2 , TiAn , Ti_3An , ZrAn_4 , ZrAn_2 , $\text{Zr}_7\text{An}_{10}$,
 Zr_5An , Zr_2An , HfAn_5 , HfAn_4 , HfAn_3 , HfAn_2 , $\text{Hf}_7\text{An}_{10}$,
 HfAn , Hf_2An , VAn_2 , VAn_4 , CrAn_4 , MnAn_2 , MnAn , Mn_2An ,
 Zr_2Pd , ZrPd , $\text{Zr}_{43}\text{Pd}_{57}$, ZrPd_2

(Крист. структура; T_{tr})

ЕСТЬ Д. Н.

Stolz ~~Erich~~, Schubert ~~Kennrad~~,

Z. Metallkunde, 1962, 52, N 7, 433

4

" Strukturuntersuchungen in einigen zu T -
 B^1 homologen und quasihomologen systemen ".

PM, 1963, 5U95

B, A, M

Cr-Au, Pd-Au,
Cr₂, Pd₂

Do



Ommuck 87

1962

Ackerman M. Stafford F.E. Verhaeghe G.
J. Chem. Phys. 36, 1560

Studies of the vapors of the system
Au-Cr, Au-Pd by mass spectrometry

All (Cr-Au) wt

Aux Cry (encl)

1975

(Cp) 85: 71397a The heat capacity of gold-chromium spin glass alloys. Kemeny, T.; Nieuwenhuys, G. J.; Algra, H. (Kamerlingh Onnes Lab., Leiden, Neth.). *Proc. Int. Conf. Low Temp. Phys.*, 14th 1975, 5, 441-4 (Eng). Edited by Krusius, Matti; Vuorio, Matti. North-Holland: Amsterdam, Neth. The heat capacity of the Au-Cr alloy contg. 0.02-1 at. % Cr was measured between 0.2-1°K in order to study the temp. dependence of magnetic properties of a spin-glass system. The concn. dependence of the magnetic contribution to the heat capacity was calcd., and the

contribution of magnetic moments to the spin-glass transition was discussed.

C.A. 1976. 85 NLO

Cx Aug (mb. p-p)

1976

26078m Thermodynamic properties of solid solutions
of chromium in gold. Eremenko, V. N.; Lukashenko, G. M.;
Kondenko, G. I. (USSR). V sb., *Termodinam. Svoistva Metal.*
Sverdlovsk, 1975. 345-9 (Russ). From *Ref. Zh., Khim.* 1976,
No. 7B-87. Title only translated.

Prepared
cb-ha

C. A. 1976. 85 N4

Au-Cr

1985

106: 163219z The Au-Cr (gold-chromium) system. Okamoto, H.; Massalski, T. B. (Dep. Metall. Eng. Mater. Sci., Carnegie-Mellon Univ., Pittsburgh, PA 15213 USA). *Bull. Alloy Phase Diagrams* 1985, 6(3), 224-8, 281-2 (Eng). The Au-Cr phase diagram was critically assessed. The thermodynamic of alloying parameters are also given.

термодинам.
справ.-ссылка

C. A. 1987, 106, N 20.