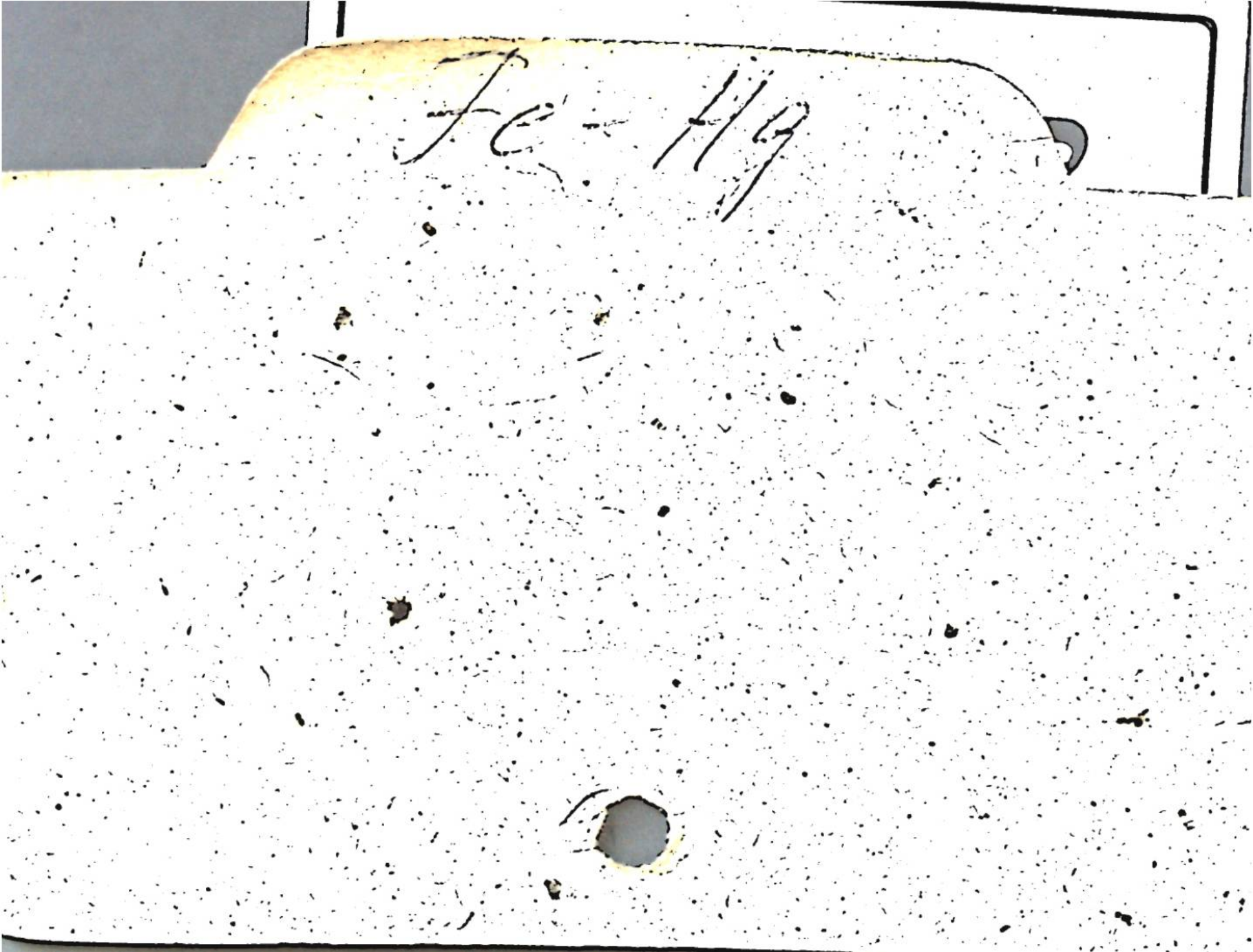

1942

VI-1587

$(CH_3Hg)_2Fe(CO)_4$ (Tm)

Hein F_2 , Henser E.

Z.anorg.allgem.Chem.1942, 249, 293-8.

"Methyl mercury iron tetracarbonyl".

Be, F

CA., 1943, 3685[3]

VI 1601 1958

$Hg(NO)\ Fe(CN)_5$ (Пр)

Яцимирский К.Б., Березин Б.Д.
Изв.высш.учебн.заведений Химия и хим.технол.
1958, № 2, 43-50

Индикаторы меркуриметрии Сообщение I. Нитропруссид натрия.

PJX, 1960, 30385
Ja.

00921.4575
Ch,Ph

$Hg[Fe(CO)_2NO(MeO)_3P]_2$; $Hg[Fe(CO)_2NO(EtO)_3P]_2$,
$Hg[Fe(CO)_2NOBt_3P]_2$; $Hg[Fe(CO)_2NOBt_3As]_2$

(Tm) 1970

Casey M., Manning A.R. The preparation, reactions, and infrared spectra of some derivatives of bis(tricarbonylnitrosyliron) mercury. $Hg[Fe(CO)_2NOBt_3Sb]_2$ (Tm)

"J. Chem. Soc.", 1970, A, N 13, 2258-2261

(англ.)

Б

VI 7395

182 183 0189 0198 ЛИВИНИТИ

$HgI_2 - FeI_2$

1989

Podorozhnyi A. M.,
Korobkina N. A. et al.

диагр.

Zh. Neorg. Khim. 1989,
34 (4), 989-91.

(сер. $HgI_2 - SnI_2$; I)

$Mg_{1-x}Fe_xSe$ 1990

de Jonge W. J. M.,
Swagten H. J. M. et al.

Cp Semicond. Sci. and Technol. 1990. 5, N 39. C. S270 – S273.
(см. $Cd_{1-x}Fe_xSe$; I)

Fe Hg Cd Se x

1990

113: 179264r Low-temperature specific heat of the diluted magnetic semiconductor mercury cadmium iron selenide. Twardowski, A.; Swagten, H. J. M.; De Jonge, W. J. M. (Dep. Phys., Eindhoven Univ. Technol., 5600 MB Eindhoven, Neth.). *Phys. Rev. B: Condens. Matter* 1990, 42(4), 2455-61 (Eng). The sp. heat of the dild. magnetic semiconductors $Hg_{1-x-y}Cd_yFe_xSe$ was measured for temps. <25 K. The excess sp. heat (C_m) has been extd. by scaling of nonmagnetic lattice contributions. The resulting C_m of these systems reveals a broad max. at $T \approx 10$ K, whereas for low temps. a Schottky-type exponential decay of C_m can be obsd. These phenomena can be fairly well understood on the basis of a simple crystal-field model and a random distn. of Fe^{2+}. On the other hand, no drastic effect of the energy gap is clearly reflected by our data and therefore we suggest that only Fe^{2+} states involving the valence bands dominate the antiferromagnetic d-d interactions, analogously to the Mn^{2+} case.

(Cp, 1-25K)

C. A. 1990, 113, N 20

F: [Fe(CO)4(HgI)2]
P: 3

1999

132:114724 Spectroscopic studies of heterobimetallic carbonyls cis- [Fe(CO)4(HgX)2], X = Cl, Br, I. Zamian, Jose Roberto; Mauro, Antanio Eduardo; Nogueira, Vania Martins Departamento de Quimica - Centro de Ciencias Exatas e Naturais, Universidade Federal do Para - UFPA Brazil Quim. Nova, 22(6), 787-789 (Portuguese) 1999 The series of compds. cis-[Fe(CO)4(HgX)2], X = CI, Br, I shows an octahedral geometry around the iron atom with the two HgX groups cis to e other. In this paper the assignment for the carbonyl stretching modes an the calcn. of their force consts. were performed on the basis of the Cott Krainhanzel model. Taking into account all the data from the IR, 199Hg N and UV-vis spectra it is possible to verify the influence of X on the electronic densities at the metallic centers.

C.A. 2000, 132

F: [Fe(CO)4(HgBr)2]
P: 3
132:114724 Spectroscopic studies of heterobimetallic carbonyls cis- [Fe(CO)4(HgX)2], X = Cl, Br, I. Zamian, Jose Roberto; Mauro, Antanio Eduardo; Nogueira, Vania Martins Departamento de Quimica - Centro de Ciencias Exatas e Naturais, Universidade Federal do Para - UFPA Brazil Quim. Nova, 22(6), 787-789 (Portuguese) 1999 The series of compds. cis-[Fe(CO)4(HgX)2], X = CI, Br, I shows an octahedral geometry around the iron atom with the two HgX groups cis to e other. In this paper the assignment for the carbonyl stretching modes an the calcn. of their force consts. were performed on the basis of the Cott Krainhanzel model. Taking into account all the data from the IR, 199Hg N and UV-vis spectra it is possible to verify the influence of X on the electronic densities at the metallic centers.

1999

C.A. 2000, 132

1999

F: [Fe(CO)4(HgCl)2]
P: 3
132:114724 Spectroscopic studies of heterobimetallic carbonyls cis- [Fe(CO)4(HgX)2], X = Cl, Br, I. Zamian, Jose Roberto; Mauro, Antanio Eduardo; Nogueira, Vania Martins Departamento de Quimica - Centro de Ciencias Exatas e Naturais, Universidade Federal do Para - UFPA Brazil Quim. Nova, 22(6), 787-789 (Portuguese) 1999 The series of compds. cis-[Fe(CO)4(HgX)2], X = CI, Br, I shows an octahedral geometry around the iron atom with the two HgX groups cis to e other. In this paper the assignment for the carbonyl stretching modes an the calcn. of their force consts. were performed on the basis of the Cott Krainhanzel model. Taking into account all the data from the IR, 199Hg N and UV-vis spectra it is possible to verify the influence of X on the electronic densities at the metallic centers.

C.A. 2000, 132