ZE.CHANNOV, I.K.

Method for calculating reduced pressures of formation waters. Trudy VNII no.30:128-135 '60. (MIRA 14:2)
(Oil field brines)

ZERCHANINOV, I.K.

Method for studying water wells. Geol. nefti i gaza 5 no. 1:48-52 Ja '61. (MIRA 14:1)

1. Vsesoyuznyy nefte-gazovyy nauchno-issledovatel'skiy institut.
(Oil field brines)

ZERCHANINOV, I.K.

Determining the saturation of gases dissolved in reservoir waters. Gaz. prom. 8 no.3:1-5 '63 (MIRA 17:7)

ZERCHANINOV, I.K.

Gases dissolved in Devonian and Carboniferous reservoir waters in the Volga portion of Saratov and Stalingrad Provinces. Gaz. prom. 4 no.7:1-5 Jl '59. (MIRA 12:10)
(Volga Valley--Gas, Natural)

ZERCHANINOV, I.K.

Interaction of oil pools in the process of their exploitation.
Gaz. prom. no.3:10-12 Mr '58. (MIRA 11:3)
(Oil fields)

ZERZHANINOV, I.K.

Hydrogeology of deposits of the lower Carboniferous in the Saratov region of the Volga Valley. Gaz.prom. no.6:3-7 Je '57. (MLRA 10:7)
(Volga Valley--Petroleum geology) (Water--Analysis)

ZERCHANINOV, I.K.

ZERCHANINOV, I.K.

Tectonic shifts within the Saratov dislocations. Trudy VNII no.11:59-64 '57. (MLRA 10:11)

(Saratov Province--Geology, Structural)

ZERCHANINOV, I. K.

ZERCHANINOV, I. K.

"Formation of Terrace Structures of Second and Third Order in the Case of Saratov Displacements." All-Union Petroleum Gas Sci Res Inst (VNII) [sic], Moscow, 1955. (Dissertation for the Degree of Candidate of Geological and Mineralogical Sciences.)

SO: M-972, 20 Feb 56

ZERCHANINOV, I.K.

Conditions determining the formation of Devonian oil and gas pools in the Volga Valley portion of Saratov Province. Gaz. prom. 4 no.11: 3-9 '59. (MIRA 13:2)
(Saratov Province--Petroleum geology)
(Saratov Province--Gas, Natural--Geology)

ZERCHANINOV, I.K.; YAKOVLEV, V.P.

Using hydrogeological and hydraulic prospecting data in prospecting and developing oil and gas pools. Neft. khoz. 38 no.7:24-28 Jl '60. (MIRA 14:10)
(Petroleum geology)
(Gas, Natural--Geology)

ZERCHANINOV, Igor' Konstantinovich; SHCHERBAKOV, G.V., red.; VORONOVA, V.V., tekhn. red.

[The technique of investigating water-tapping wells opening up productive deposits in the Volga-Ural region] Metodika issledovaniia vodianykh skvazhin, vskryvshikh produktivnye otlozheniia na territorii Uralo-Povolzh'ia. Moskva, Gostoptekhizdat, 1962. 77 p. (MIRA 15:4)

(Volga-Ural region—Oil field brines)

ZERCHANINOV, L. (g.Vyazniki, Vladimirskoy oblasti)

Joyful voices of lettle children are ringing. Prom.koop. 14 no.7:36 Jl '60. (MIRA 13:8)
(Vyazniki--Kindergartens)

ZERCHANINOV, L.K.

Review of V.S.Miascedov's monograph "Epidemiology of opisthorchosis." Med. paraz. i paraz. bol. 33 no.5:627-628 S-O '64.
(MIRA 18:4)

USSR G
Zooparasitology - Parasitic Worms

SS. JOUR. : RZBiol., No. 19 1958, No. 66366

AUTHOR : Zerchaninov, L.K., Sokolova, Ye.K.
INST. :
TITLE : Opisthorchiasis and Diphyllobothriasis in the Sverdlovskaya Oblast

ORIG. PUB. : Med. Parazitol. i Parazitarn. Bolezni, 1957, Vol.26, No.6, 714-717

ABSTRACT : In the northern regions of the Sverdlovskaya Oblast, situated along the rivers Loz'va, Sos'va, and Tavda, foci were discovered of opisthorchiasis and diphyllobothriasis among persons and domestic animals. Up to 65% of merops from the reservoirs of the Taborinskiy Rayon were infected with pleurocercoids.

CARD: 1/1

ZERCHANINOV, L.K.

Interprovince scientific and practical conference on the control of helminthiases in the regions of the Urals and Western Siberia and the scientific conference of the Tyumen' Branch of the Omsk Scientific Research Institute for Natural Focus Infections on medical parasitology. Med. paraz. i paraz. bol. 33 no.6:756 N-D '64. (MIRA 18:6)

ZERCHANINOV, Leonid Konstantinovich

[Protozoan infections and helminthiases of the Ural population] Protozoinye bolezni i gel'mintozy naseleniia Urala. Moskva, Medgiz, 1961. 182 p. (MIRA 17:2)

ZERCHANINOV, L.K.

Bithynia leachi in the waters of Tyumen' Province. Med. paraz. i paraz. bol. 32 no.6:741 N-D '63 (MIRA 18:1)

1. Iz parazitologicheskoy laboratorii filiala Omskogo nauchno issledovatel'skogo instituta prirodnoochagovykh infektsiy v Tyumeni (ispolnyayushchiy obyazannosti direktora V.N. Shpil'ko).

PLOTNIKOV, N.N.; ZERCHANINOV, L.K.; YALDYGINA, Z.S.

Experimental treatment of opisthorchosis with hexachloro-p-xylene. Report No.2. Med.paraz.i paraz.bol. 33 no.4:387-392 Jl-Ag '64. (MIRA 18:3)

1. Klinicheskiy otdel Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Martsinovskogo i parazitologicheskiy otdel filiala Omskogo instituta prirodnoochagovykh infektsiy v Tyumeni.

ZHUKHANINOV, L.K.; SOKOLOVA, Ye.K.

Opisthorchiasis and diphyllobothriasis in Sverdlovsk Province. Med. paras.i paras.bol. 26 no.6:714-717 N-D '57. (MIRA 13:4)

1. Iz parazitologicheskogo otdela Sverdlovskogo nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii Ministerstva zdravookhraneniya RSFSR (direktor instituta G.F. Bogdanov).
(SVERDLOVSK PROVINCE--WORMS, INTESTINAL AND PARASITIC)
(LIVER FLUKE)

ZERCHANINOV, L.K.

The epidemiology of ascariasis in Sverdlovsk Province. Med.paraz. i paraz.bol. 25 no.2:118-121 Ap-Je '56. (MIRA 9:8)

1. Iz Sverdlovskogo instituta epidemiologii, mikrobiologii i gigiyeny (dir. instituta G.F.Bogdanov)
(ASCARIASIS, epidemiol.
in Russia)

BOGDANOV, G.F., red.; BYCHKOVSKAYA, O.V., red.; ZERCHANINOV, L.K., red.; MEDVINSKAYA, K.G., red.; PERETTS, L.G., prof., red.; PUSHKAREVA, Z.V., red.; DAVYDOVA, I., red.; PAL'MINA, N., tekhn.red.

[Increasing the activity of antibiotics, sulfonamides, and blood serum; collection of articles] Uvelichenie aktivnosti antibiotikov, sul'famidov i krovianoi syvorotki; sbornik statei. Sverdlovsk, 1957. 205 p. (MIRA 13:1)

1. Sverdlovskiy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS) (SULFONAMIDES) (SERUM)

ZERCHANINOV, L.K.; KONDINSKIY, G.V.

Distribution of toxoplasmosis in Tyumen' Province. Zhur.mikrobiol., epid. i immun. 42 no.2:55-58 F '65. (MIRA 18:6)

1. Filial Omskogo instituta prirodnoochagovykh infektsiy v Tyumeni.

ACC NR: AP7009356 SOURCE CODE: GE/0064/66/018/11-/0431/0435

AUTHOR: Zerche, Manfred (Doctor)

ORG: Schwerin Weather Bureau, Schwerin (Amt fur Meteorologie Schwerin)

TITLE: Computation of estimated fog frequencies using 3-hr observations

SOURCE: Zeitschrift fur Meteorologie, v. 18, no. 11-12, 1966, 431-435

TOPIC TAGS: climatology, fog, meteorology, fog frequency, annual fog frequency/North German plain

ABSTRACT: Annual and monthly fog frequencies were studied for the sake of climatology dealing with traffic conditions and health resort problems. Improving on Koppen's method and formula to calculate fog frequency in hours from long-term 3-hr observations, accurate determination of mean annual fog frequency variations (mean monthly fog frequencies in hours) in the North German inland plain by computation of annual occurrence estimates was shown. Koppen's method provided only an estimate of annual frequencies. Orig. art. has: 1 table and 6 formulas. [Based on author's abstract] [DR]

SUB CODE: 04/SUBM DATE: none/ORIG REF: 002/OTH REF: 004/

Card 1/1 UDC: 551.575.36

TALAKIN, O.G.; AKHANSHCHIKOVA, L.A.; SOSNOVSKIY, Ye.N.; PANKRATOV, A.V.; ZERCHENINOV, A.N.

Heat of formation of fluonitrate. Zhur.fiz.khim. 36 no.5:1065-1067 My '62. (MIRA 15:8)

(Fluonitrate) (Heat of formation)

ACC NR: AP6032268 SOURCE CODE: UR/0076/66/040/009/2101/2104

AUTHOR: Zercheninov, A. N.; Chesnokov, V. N.; Pankratov, A. V.

ORG: none

TITLE: Standard heat of formation of chlorodifluoramine

SOURCE: Zhurnal fizicheskoy khimii, v. 40, no. 9, 1966, 2101-2104

TOPIC TAGS: chlorodifluoramine, heat of formation, potassium iodide solution, gaseous chlorodifluoramine, liquid chlorodifluoramine, FLUORINE COMPOUND, CHLORINE COMPOUND

ABSTRACT: The standard heat of formation of chlorodifluoramine has been determined from its reaction with an aqueous solution of potassium iodide

$$NF_2Cl + I^- + H^+ \rightarrow I_2 + N_2F_4 + Cl^- + F^- + NH_4^+ + N_2. \quad (1)$$

This reaction proceeds in several steps. Selection of proper [unspecified] pH of the solution and contact time of NF_2Cl with the solution reduced reaction 1 to the reaction

$$NF_2Cl + {}^3/_2KI = KCl + {}^1/_2KI_3 + {}^1/_2N_2F_4. \quad (2)$$

NF_2Cl used in the experiments contained, in addition to N_2 and N_2O, 1 to 7% N_2F_2 whose presence caused in the calorimeter the additional reaction

$$N_2F_2 + 3KI = 2KF + KI_3 + N_2. \quad (3)$$

Card 1/4 UDC: 541.11

ACC NR: AP6032268

Table 1.

NF_2Cl content in the sample, %	Analysis of the solution						Rise of temperature in the calorimeter (Δt), deg	Calculated overall heat of reactions 2 and 3 (Q_r), cal	Calculated heat of reaction 3 (Q_3), cal	Calculated heat of reaction 2 (Q_2), cal	Heat of the reaction of NF_2Cl with KI solution ($-\Delta H_r$), kcal/mol
	Cl^-, g	F^-, g	I_2, g	Calculated amount of NF_2Cl formed, g	Calculated amount of N_2F_2, g	Calculated amount of separated I_2, g					
90,1	0,165	0,0054	0,630	0,4070	0,0094	0,627	0,6419	158,9	21,7	137,2	29,48
83,6	0,401	0,0267	1,582	0,9892	0,0464	1,614	1,5363	473,4	107,3	366,1	32,37
83,6	0,426	0,0286	1,680	1,0509	0,0497	1,716	1,5119	465,9	115,0	350,9	29,20
83,6	0,401	0,0324	1,607	0,9892	0,0563	1,652	1,4496	446,7	130,2	316,5	27,98
83,6	0,372	0,0272	1,453	0,9176	0,0473	1,513	1,2973	399,8	109,4	290,4	27,68
80,4	0,261	0,178	1,096	0,6446	0,0309	1,054	1,2773	316,2	71,5	244,7	33,20
78,5	0,283	0,0131	—	0,6981	0,0228	—	1,3024	266,9	52,7	244,2	30,60
76,6	0,179	0,0136	—	0,4416	0,0230	—	0,9327	212,7	54,6	158,1	31,31
76,6	0,322	0,0093	1,272	0,7943	0,0162	1,215	1,4212	324,0	37,5	286,5	31,65
62,1	0,376	0,0188	—	0,9275	0,0327	—	1,2577	379,8	75,6	304,2	28,69
36,1	0,656	0,0228	2,160	1,3715	0,0396	2,142	2,7240	621,1	91,9	529,5	33,77
36,1	0,316	0,0166	1,300	0,7770	0,0288	1,236	1,4073	341,4	66,6	274,8	30,93
36,1	0,333	0,0173	1,290	0,8214	0,0300	1,307	1,4967	341,2	69,4	271,8	28,94
36,1	0,279	0,0142	1,131	0,6882	0,0247	1,093	1,3242	301,9	57,1	244,8	31,11

Average ΔH_r = -30.5±1.6 kcal/mol

Card 2/4

The experiments were conducted in a calorimeter described in earlier studies by the authors. The experimental procedure is described in the source. The reacted solutions were analyzed for F^-, Cl^- and NH_4^+ ions and for separated iodine. The experimental results and the calculated heats of the reactions of NF_2Cl with KI solutions are given in Table 1. The heat of formation of gaseous NF_2Cl was calculated from a thermochemical equation which took into account the heats of formation and solution of the substances involved. The respective heat values were taken from reference books or earlier studies. The missing value of the heat of solution of KCl in KI solution was determined experimentally for a neutral 15% KI solution (Table 2). The standard heat of formation of gaseous NF_2Cl was found to be

Table 2.

G_{KCl}, g	Δt, deg	Heat of solution of KCl in a neutral 15% solution of KI (ΔH_s), kcal/mol
0.8354	-0.1755	3.67
0.8403	-0.1778	3.70
0.8540	-0.1827	3.74
0.9323	-0.1973	3.70

Average $\Delta H_s = 3.70 \pm 0.02$ kcal/mol

ACC NR: AP6032268

3.2 ± 2.9 kcal/mol. The heat of formation of liquid NF_2Cl was calculated by taking the value of 4.35 kcal/mol for the heat of vaporization of NF_2Cl at -67C (boiling point), and in the assumption that the average heat capacity of NF_2Cl in the range 298—206 K is equal to that of NF_3 (11.5 cal/mol·deg). The heat of formation of liquid NF_2Cl at -67C was found to be -2.2 kcal/mol. The N-Cl bond energy was calculated in the assumption that the N-F bond energy in NF_2Cl is equal to that in the free NF_2 radical

$$E(N-Cl) = \Delta H^\circ_{f298}(Cl) + \Delta H^\circ_{f298}(NF_2) - \Delta H^\circ_{f298}(NF_2Cl) = 35{,}3 \text{ kcal/mol}.$$

Orig. art. has: 3 tables.

SUB CODE: 21, 07/ SUBM DATE: 19Mar65/ ORIG REF: 005/ OTH REF: 003/

Card 4/4

ZERCHENINOV, A.N.

37635

S/076/62/036/005/010/013
B101/B110

11.9131

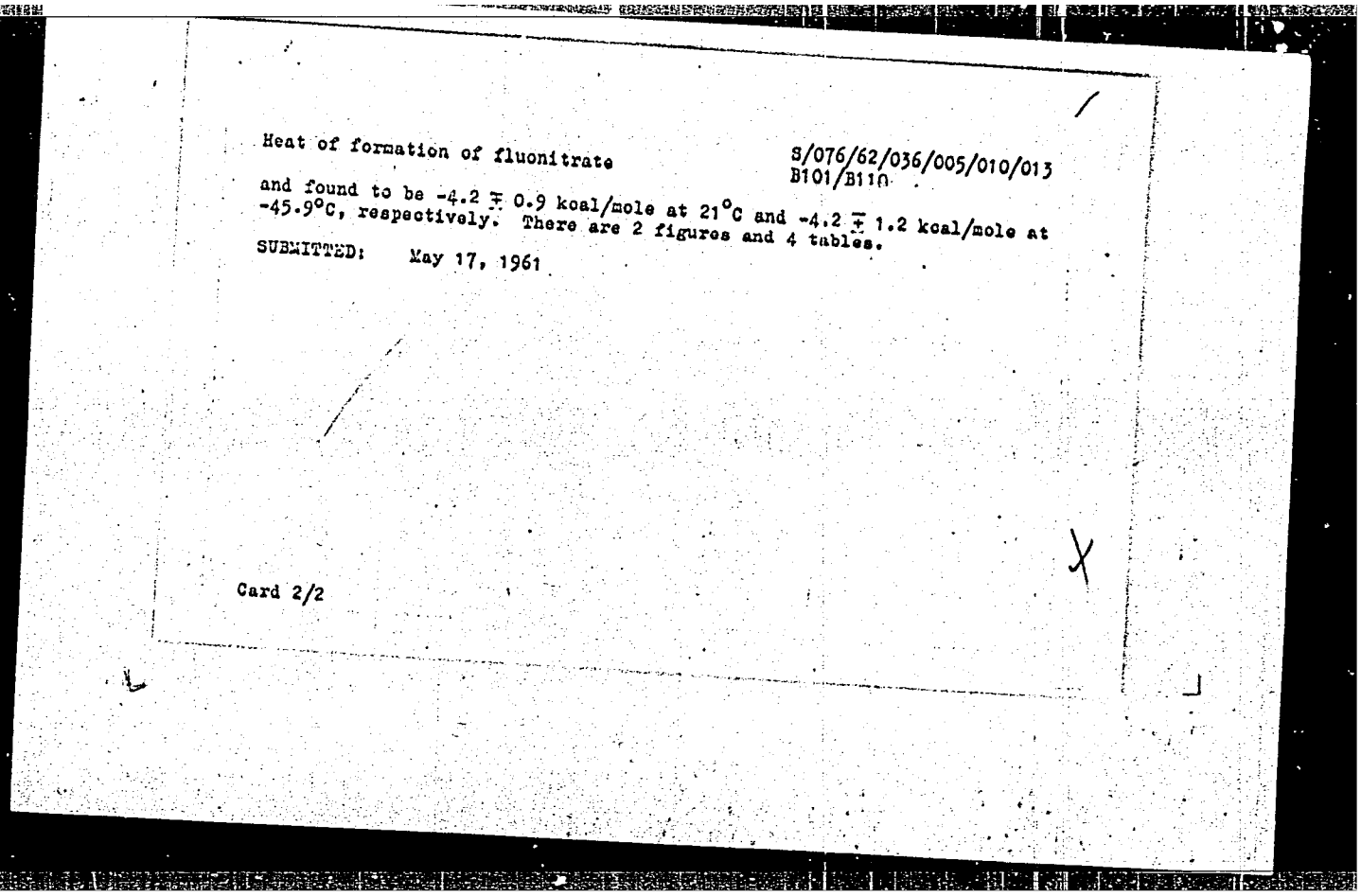
AUTHORS: Talakin, O. G., Akhanshchikova, L. A., Sosnovskiy, Ye. N., Pankratov, A. V., and Zercheninov, A. N.

TITLE: Heat of formation of fluonitrate

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 5, 1962, 1065-1067

TEXT: The heat of formation of NO_3F was calorimetrically determined on the basis of the reaction $NO_3F + 2KOH = KNO_3 + KF + 0.5\ O_2 + H_2O$, the NO_3F being synthesized by bubbling F_2 through HNO_3 thus: $HNO_3 + F_2 = HF + NO_3F$. The HF was absorbed by KF, and NO_3F was condensed at -183°C. The heats (kcal/mole) of reaction between NO_3F and KOH ($Q_1 = 93.5 \mp 0.8$), between KF and KOH ($Q_3 = 3.35 \mp 0.011$), and between KNO_3 and KOH ($Q_4 = -5.93 \mp 0.02$) were measured with a calorimeter calibrated with KCl. From the system of equations which allows for this and the other side reactions of the process the heats of formation of gaseous and liquid NO_3F were calculated

Card 1/2



Heat of formation of fluonitrate

S/076/62/036/005/010/013
B101/B110

and found to be -4.2 ∓ 0.9 kcal/mole at 21°C and -4.2 ∓ 1.2 kcal/mole at -45.9°C, respectively. There are 2 figures and 4 tables.

SUBMITTED: May 17, 1961

Card 2/2

ACC NR: AP6032268 SOURCE CODE: UR/0076/66/040/009/2101/2104

AUTHOR: Zercheninov, A. N.; Chesnokov, V. N.; Pankratov, A. V.

ORG: none

TITLE: Standard heat of formation of chlorodifluoramine

SOURCE: Zhurnal fizicheskoy khimii, v. 40, no. 9, 1966, 2101-2104

TOPIC TAGS: chlorodifluoramine, heat of formation, potassium iodide solution, gaseous chlorodifluoramine, liquid chlorodifluoramine, CHLORINE COMPOUND, FLUORINE COMPOUND

ABSTRACT: The standard heat of formation of chlorodifluoramine has been determined from its reaction with an aqueous solution of potassium iodide

$$NF_2Cl + I^- + H^+ \rightarrow I_2 + N_2F_4 + Cl^- + F^- + NH_4^+ + N_2 \quad (1)$$

This reaction proceeds in several steps. Selection of proper [unspecified] pH of the solution and contact time of NF_2Cl with the solution reduced reaction 1 to the reaction

$$NF_2Cl + {}^3/_2KI = KCl + {}^1/_2KI_3 + {}^1/_2N_2F_4 \quad (2)$$

NF_2Cl used in the experiments contained, in addition to N_2 and N_2O, 1 to 7% N_2F_2 whose presence caused in the calorimeter the additional reaction

$$N_2F_2 + 3KI = 2KF + KI_3 + N_2 \quad (3)$$

UDC: 541.11

ACC NR: AP6032268

Table 1.

NF_2Cl content in the sample, %	Analysis of the solution						Rise of temperature in the calorimeter (Δt), deg	Calculated overall heat of reactions 2 and 3 (Q_r), cal	Calculated heat of reaction 3 (Q_3), cal	Calculated heat of reaction 2 (Q_2), cal	Heat of the reaction of NF_2Cl with KI solution ($-\Delta H_r$), kcal/mol
	Cl^-, g	F^-, g	I_2, g	Calculated amount of NF_2Cl formed, g	Calculated amount of N_2F_2, g	Calculated amount of separated I_2, g					
90,1	0,165	0,0054	0,630	0,4070	0,0094	0,627	0,6419	158,9	21,7	137,2	29,48
83,6	0,401	0,0267	1,582	0,9892	0,0464	1,614	1,5363	473,4	107,3	366,1	32,37
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78,5	0,261	0,178	1,096	0,6446	0,0309	1,054	1,2773	316,2	71,5	244,7	33,20
76,6	0,283	0,0131	—	0,6981	0,0228	—	1,3024	266,9	52,7	244,2	30,60
76,6	0,179	0,0136	—	0,4416	0,0236	—	0,9322	212,7	54,6	158,1	31,31
62,1	0,322	0,0093	1,272	0,7943	0,0162	1,215	1,4213	324,0	37,5	286,5	31,55
36,1	0,376	0,0188	—	0,9275	0,0327	—	1,2573	379,8	75,6	304,2	28,69
36,1	0,556	0,0228	2,160	1,3715	0,0396	2,142	2,7240	621,1	91,6	529,5	33,77
36,1	0,315	0,0166	1,300	0,7770	0,0288	1,238	1,4973	341,4	66,6	274,8	30,93
36,1	0,333	0,0173	1,290	0,8214	0,0300	1,307	1,4967	341,2	69,4	271,8	28,94
36,1	0,279	0,0142	1,131	0,6882	0,0247	1,093	1,3242	301,9	57,1	244,8	31,11

Average ΔH_r = -30.5±1.6 kcal/mol

Card 2/4

ACC NR: AP6032268

The experiments were conducted in a calorimeter described in earlier studies by the authors. The experimental procedure is described in the source. The reacted solutions were analyzed for F^-, Cl^- and NH_4^+ ions and for separated iodine. The experimental results and the calculated heats of the reactions of NF_2Cl with KI solutions are given in Table 1. The heat of formation of gaseous NF_2Cl was calculated from a thermochemical equation which took into account the heats of formation and solution of the substances involved. The respective heat values were taken from reference books or earlier studies. The missing value of the heat of solution of KCl in KI solution was determined experimentally for a neutral 15% KI solution (Table 2). The standard heat of formation of gaseous NF_2Cl was found to be

Table 2.

G_{KCl}, g	Δt, deg	Heat of solution of KCl in a neutral 15% solution of KI (ΔH_s), kcal/mol
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0.8403	-0.17783	3.70
0.8540	-0.1827	3.74
0.9323	-0.19733	3.70

Average $\Delta H_s = 3.70 \pm 0.02$ kcal/mol

Card 3/4

ACC NR: AP6032268

3.2 ± 2.9 kcal/mol. The heat of formation of liquid NF_2Cl was calculated by taking the value of 4.35 kcal/mol for the heat of vaporization of NF_2Cl at -67C (boiling point), and in the assumption that the average heat capacity of NF_2Cl in the range 298—206 K is equal to that of NF_3 (11.5 cal/mol·deg). The heat of formation of liquid NF_2Cl at -67C was found to be -2.2 kcal/mol. The N-Cl bond energy was calculated in the assumption that the N-F bond energy in NF_2Cl is equal to that in the free $NF_2^{\cdot}$ radical

$$E(N-Cl) = \Delta H^{\circ}_{f298}(Cl) + \Delta H^{\circ}_{f298}(NF_2^{\cdot}) - \Delta H^{\circ}_{f298}(NF_2Cl) = 35{,}3 \text{ kcal/mol}.$$

Orig. art. has: 3 tables.

SUB CODE: 21, 07/ SUBM DATE: 19Mar65/ ORIG REF: 005/ OTH REF: 003/

Card 4/4

L 12872-63 EPR/EWP(j)/EPF(c)/EWT(m)/BDS Ps-4/Pc-4/Pr-4 RM/WW/JW

ACCESSION NR: AP3002942 S/0076/63/037/006/1399/1401

AUTHOR: Pankratov, A. V.; Zercheninov, A. N.; Tolkin, O. G.; Sokolov, O. M.; Knyazeva, N. A.

TITLE: Standard enthalpy of formation of the active isomer of difluorodiazine

SOURCE: Zhurnal fizicheskoy khimii, v. 37, no. 6, 1963, 1399-1401

TOPIC TAGS: standard enthalpy, active isomer, difluorodiazine, IR measurement

ABSTRACT: The standard enthalpy for the gaseous active isomer of difluorodiazine was calculated. It was 25.3 + or - 2.0 kcal/mol. It was 20.5 + or - 2.0 kcal/mol for the liquid at -105.7°. Data was obtained by IR measurement of the heat of reaction of the active isomer with an acid solution of KI. Orig. art. has: 2 tables, 1 figure, and 3 equations.

ASSOCIATION: none

SUBMITTED: 22Aug62 DATE ACQ: 16Jul63 ENCL: 00

SUB CODE: CH NO REF SOV: 002 OTHER: 005

Card 1/1

ZERDIK, M.

Determining the smoothness of yarns and threads. p. 773.
(GLASNIK, Vol. 6, No. 9, Sept. 1957

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957
Uncl.

ZERDIK, M.

Textile-research institutions in Sweden and Denmark. p. 42.

Periodical: TEKSTIL

Vol. 8, no. 1, Jan. 1959.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, no. 4
April 1959, Uncl.

ZERDIK, M.

Effect of atmospheric conditions on textile testing. p. 7

TEKSTIL, Zagreb, Vol 5, No. 1, Jan, 1956

SO: EEAL, Vol 5, No. 7, July, 1956

ZERDIK, M.

The Chemical-Technological Institute of Zagreb is founded.
Kemija u industriji 11 no.6:342 Je '62.

ZERDIK, Mladen, prof. dipl. inz.

Chemical damage and swelling of cotton fibers in strong alkalies. Pt. 2. Tekstil Zagreb 13 no.10:843-852 O '64.

ZERDIK, Mladen, dipl. inz., izv. prof.

Starch adhesives in the textile industry. Kem ind 12 no.5: 325-331 My '64.

1. Faculty of Technology, University of Zagreb, Zagreb.

ZERDIK, M.

Scientific progress and modern chemical technology of textiles. p. 729

TEKSTIL. (Drustvo inzenjera i tehnicara tekstilaca Hrvatske) Zagreb.
Vol. 5, no. 9, September 1956

SOURCE: East European List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

ZERDIK, M.

ZERDIK, M. Instrumental control and automation in the textile industry, especially in the process of textile finishing. p. 833.

Vol. 5, No. 10, Oct. 1956.
TEHNIKA
TECHNOLOGY
Beograd, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

ZERDIK, M.

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Yugoslavia (430)

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A rapid metnod for the determination of grease in wool. p. 293. TEHNICKI PREGLED. (Croatia. Uprava za unapredenje proizvodnje pri privednom savjetu) Zagreb. (Bimonthly technical journal issued by the Production Improvement Administration of the Economic Council) No. 6, 1951.

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ZERDIK, Mladen, prof., dipl. inz.; RAFFAELLI, Dubravka, dipl. inz., asistent

Self-inflammability of oiled raw silk. Tekstil Zagreb 18 no. 1: 14-20 Ja '64.

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2. Zavod za tekstilnu kemijsku tehnologiju Tehnoloskog fakulteta Sveucilista u Zagrebu (for Raffaelli).

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"Mechanizacja pracy przy scince i wyrobce drewna (1. wyd.) Warszawa, Panstwowe Wydawn,. Rolnicize i Lesne, 1951. 59 p. (Biblioteczka lesna) (Mechanization of the cutting of timber and milling. 1st ed.)

DA Not In DLC

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

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Mechanical apparatus for cutting and fabricating wood. (To be contd.) p. 29.
(LAS POLSKI. Vol. 26, no. 3, Mar. 1952.

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April, 1954

ZEREBTSOVA, K.I.

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1406
AUTHOR NEMILOV,JU.A., ZEREBCOVA,K.I., FUNSTEJN,B.L.
TITLE On the Relationship between the Processes of Stripping and the Production of a Compound Nucleus on the Occasion of Reaction with Deuterons.
PERIODICAL Žurn.eksp.i teor.fis, 30, fasc.6, 1013-1016 (1956)
Issued: 8 / 1956 reviewed: 10 / 1956

The relationship of these reactions on the nucleus $Mg^{26}(d,p)Mg^{27}$ is here estimated by comparison of the yields of those nuclei which are produced on the occasion of d,p-processes and d,α-processes on an Mg^{26} nucleus as well as on the occasion of n,p-processes and n,α-processes on an Al^{27} nucleus. For the purpose of a more accurate quantitative estimation of the relative probabilities of the two mechanisms mentioned in the title two reactions are selected (one of them with deuterons and the other with any other data as e.g. neutrons), in which one and the same compound nucleus is produced. The radioactive nuclei B_1 and B_2 created in connection with the reactions selected on this occasion had decay periods which, from the point of view of measuring technique, were favorable. The ratios of the quantities of radioactive nuclei B_1 and B_2 produced in the targets by irradiation with deuterons and neutrons were determined from the fading curves of radioactivity. It is true that:
$\sigma(d,p)/\sigma(d,\alpha)=(\sigma(d,P)_{c.n.}+\sigma(d,p)\text{strip}+F)/\sigma(d,\alpha)=N_1$ and $\sigma(n,p)/\sigma(n,\alpha)=N_2$. Here cn. refers to a compound nucleus, strip. to a stripping process, and F denotes the term due to the interference between the two terms. As the decay of the compound

Žurn.eksp.i teor.fis, 30, fasc.6, 1013-1016 (1956) CARD 2 / 2 PA - 1406

nucleus does not depend on the manner in which it was produced, it is true that $\sigma(d,p)_{c.n.}/\sigma(d,\alpha)=\sigma(n,p)/\sigma(n,\alpha)$ and herefrom follows $(\sigma(d,p)\text{strip}+F)/\sigma(d,p)_{c.n.}=(N_1-N_2)/N_2$. This is correct only if the compound nuclei produced by the capture of a deuteron and of a neutron have the same excitation energies. However, also if these conditions are satisfied with accuracy, it is possible that inaccuracies occur as a result of the influence exercised by broad overlapping levels. No resonance phenomena were, by the way, found. The following two reactions were selected in this case:

$$Mg^{26} + D^2 \rightarrow \begin{cases} Mg^{27} + p \\ Na^{24} + \alpha \end{cases} \qquad Al^{27} + n \rightarrow \begin{cases} Mg^{27} + p \\ Na^{24} + \alpha \end{cases}$$

The ratios of radioactivities found are represented in diagrams as functions of the deuteron energy. In order to obtain neutrons with uniform energies the reaction $D^2 + D^2$ was used. As a deuteron target a circonium layer irradiated for a long time with slow deuterons(0,8 MeV) was used.
On the occasion of reaction with deuterons and reaction with neutrons the proton yield increases as against the yield of α-particles as a result of a decrease of deuteron energy. The ratio $(\sigma_{strip}+F)/\sigma_{c.n.}$ has maximum deuteron energies of from 1 to 2 MeV and a value of 8 to 9.

INSTITUTION: Radium Institute of the Academy of Science

ZEREEN O.; SUVE, A.

Poisoning cases among swine. p. 175.

SOTSIALISTLIK POLLUMAJANDUS. Tallinn, Hungary, Vol. 13, no. 4, Apr. 1958.

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Study of factors affecting the quality of characteristics of electric locomotives with regulated parameters and methods for adjusting the electric network of the locomotive. Trudy GPI [Gruz.] no.3:3-16 '63.

Special features of the changeover from one combination of electric traction motor connection to another in locomotives with regulated characteristics. Ibid.:17-30

Calculation of start resistances for electric locomotives with regulated characteristics. Ibid.:31-42 (MIRA 17:6)

ZEREKIDZE, I.I., delegat XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza

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1. Direktor tbilisskogo elektrovozostroitel'nogo zavoda im. V.I. Lenina.

(Electric locomotives)

ident as director - 64

SIDENKO, I., kand. biolog. nauk; ZERAKIDZE, N., aspirant

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1. Vsesoyuznyy institut kukuruzy, Dnepropetrovsk (for Sidenko).
2. Moskovskiy gosudarstvennyy universitet (for Zerakidze).

ZEREKIDZE, R.

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1. Zaveduyushchiy otdelom zashchity rasteniy Gruzinskoy selektsionno-opytnoy stantsii, pochtovoye otdeleniye Natakhtari, Mtskhetskiy rayon.

LADYZHENSKAYA, N.V.; GULIDOVA, L.A.; TIMOSHENKO, Z.F. (Dzerzhinsk, Gor'kovskoy obl.); ZEREKIDZE, R.I.

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1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh sredstv zashchity rasteniy (for Ladyzhenskaya, Gulidova).
2. Zaveduyushchiy otdelom zashchity rasteniy Gruzinskoy selektsionno-opytnoy stantsii Vsesoyuznogo instituta kukuruzy, Mtskhetskiy rayon (for Zerekidze).

ANBINDER, Ya.Ye. [Anbinder, IA.IE.]; SHPAKOVSKIY, N.Ye. [Shpakovs'kyi, N.E.]; DARBINYAN, S.A.; KOMAROV, V.V.; KOMAROVA, T.V.; KOZLOV, Yu.A.; KONOKOTIN, L.P.; ZEREKIDZE, V.M.; SHULYATITSKIY, S.M. [Shyliatyts'kyi, S.M.]; KHODURSKIY, Ye.A. [Khodurs'kyi, IE.A.]; OBUSHINSKIY, Ye.I. [Obushyns'kyi, IE.I.]; GVOZDIK, A.A. [Hvozdyk, A.A.]; NIKITINA, M.A.; LUPASHKO, N.F.; BESKROVNYY, M.N.; TSIMBLER, M.Ye. [TSymbler, M.IE.]; ILYN, A.N.; TOTADZE, P.M.; ZHIGURS, Kh.Yu.; ZAKREVSKIY, Ye.S. [Zakrevs'kyi, IE.S.]; FEDOROVICH, A.G. [Fedorovych, A.H.]; CHALENKO, D.K.; KHOMUTOV, D.A.; SKURIKHIN, I.M.; NILOV, V.I.; YEFIMOV, B.N. [IEfimov, B.N.]; KAZANOVSKIY, V.S. [Kazanovs'kyi, V.S.]; ZOTIKOV, L.S.; KOCHURENKO, M.A.

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(MIRA 18:5)

CASLER, Gh., prof.; BELOUS, V., lector; RENER, A., lector; CONDREA, I., asist.; ILIE, I., ing.; ZERELLES, W., ing., SCHMIDT, H., ing.

Influence of the geometry of the cutting part of helicoidal drills on the drilling dynamics of some Rumanian steels. Constr mas 15 no.8:562-569 Ag'63.

1. Institutul politehnic, Iasi (for Casler, Rener, Condrea).
2. Fabrica de scule, Risnov (for Ilie, Zerelles, Schmidt).

ZMRZLSKI, D.

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Periodical: ZBORNIK ZA PRIRODNE NAUKE. Matica srpska. Novi Sad.

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No. 9, 1955.

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Vol. 8, No. 4
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"The Kremna Sinkhole; A Contribution to the Morphology of Western Serbia." p. 3. (ENREGISTRATION SEISMOGRAPHIQUES, Vol. 34, no. 1, 1954. Beograd, Yugoslavia.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

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A combination of piracy, pseudopiracy, and the marginal and point epigenes at the source of the Uvac River. Geogr pregl 6:25-37 '62

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ZEREN, Z.

Supplementary fibrotendinous channels in human muscles. Izv Inst morf BAN 4:63-68 '61.

(MUSCLES)

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First All-Union Conference of Experts on Nummulites. Geol. zhur. 20 no. 1:104-105 '60. (MIRA 14:5)

(Nummulites)

ZERNETSKIY, B.F. [Zernets'kyi, B.F.]

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(Geology, Stratigraphic)

ZERENIN, A.G.

Exercise therapy for patients with mitral stenosis in surgical treatment of this failure. Med. sestra 22,no.1:34-43 Ja '63. (MIRA 16:7)

1. Iz kafedry lechebnoy fizicheskoy kul'tury I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova, Moskva.
(MITRAL VALVE—SURGERY) (EXERCISE THERAPY)

ZERENIN, A.G. (Moskva, ul. B. Pirogovskaya, d.2/6)

Exercise therapy in mitral stenosis patients before and following commissurotomy. Grud. khir. 6 no.2:55-58 Mr-Ap '64. (MIRA 18:4)

1. Kafedra gospital'noy khirurgii lechebnogo fakul'teta (zav. - deystvitel'nyy chlen AMN SSSR prof. B.V. Petrovskiy) kafedra lechebnoy fizicheskoy kul'tury (zav. - dotsent L.I.Levandovskiy) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

38342 ZERENIN, G. A.

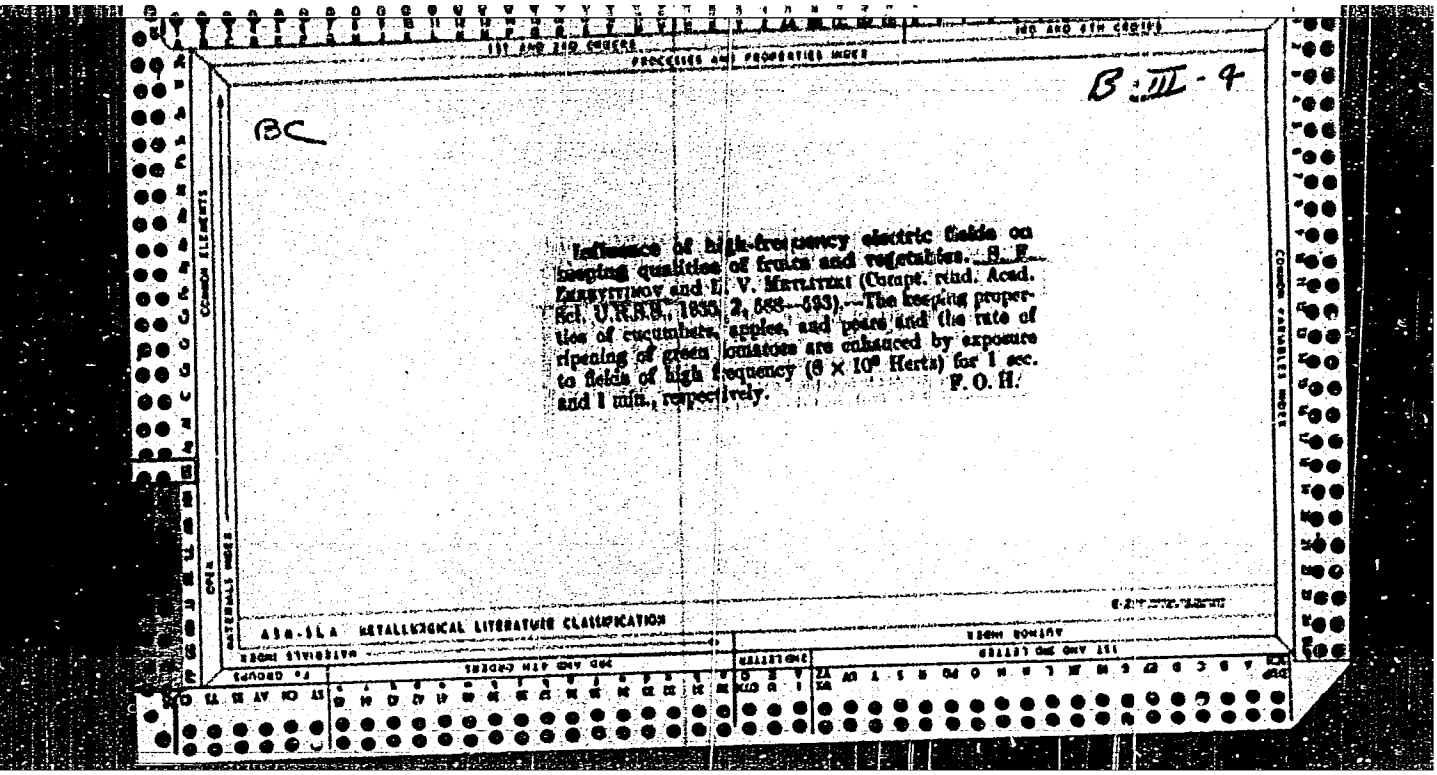
Soust'e na zheludochno-kishechnom trakte, Sov. meditsina, 1949, No 12, s. 27-28

ENTIN, Ya.S.; BORDYUG, I.I.; ZKRNIN, V.P.

Modernized disinfection and disinsection unit of the "SKRNA-3" type. Med. paraz i paraz. bol. 32 no.3:356-358 My-Je '63
(MIRA 17:3)

LEVIN, B.I., kandidat tekhnicheskikh nauk, redaktor; ZERENINOV, A.M., redaktor; PUZYN', I.Ye., inzhener, redaktor; RUDOG, M.L., inzhener, redaktor.

[Handbook of the basic materials and spare parts required by the railroad transportation. Vol.2] Spravochnik po osnovnym materialam i zapasnym chastiam, potrebliaemym zheleznodorozhnym transportom. Pod red. B.I. Levina [i dr.] Moskva, Gos. transp. zhel-dor. izd-vo, 1946- (MLRA 7:6)
(Railroads--Equipment and supplies)



B-III-9

BC

Influence of high-frequency electric fields on keeping qualities of fruits and vegetables. S. F. Zarnitsyn and L. V. Metlitzki (Compt. rend. Acad. Sci. U.R.S.S., 1935, 2, 588–593).—The keeping properties of cucumbers, apples, and pears and the rate of ripening of green tomatoes are enhanced by exposure to fields of high frequency (6×10^8 Hertz) for 1 sec. and 1 min., respectively. F. O. H.

AM

ZERELELI Mme L. D. [illegible] [Fungi collected on the Vine in the district of the [illegible] Sakaro Experimental Station of Viticulture and Wine Making.] —*Scientific Papers Applied Sections of Tiflis Bot. Gard.* 1929, 6, pp. 91–96, 1929. [German summary.]

Of the eighteen species of saprophytic and parasitic fungi that have been so far recorded on the vine in the province of Imeretia [Georgia, Transcaucasia] and brief notes on which are given in this paper, the only two of economic importance are mildew (*Plasmopara viticola*) and *Oidium tuckeri* [*Uncinula necator*], both of which recur from year to year, sometimes reducing the crop by 50 per cent. The other parasitic fungi listed include *Guignardia* [*Physalospora*] *baccae* [*R.A.M.*, vi, pp. 76, 81, 207], *Mycosphaerella vitis*, *Phyllosticta viticola* in association with *P. vitis*, *P. ampelina*, *Coniothyrium diplodiella* [ibid., vii, p. 358], *Ascochyta ampelina*, *Hendersonia vitis*, *Septoria viticola*, *Alternaria vitis*, and *Epicoccum neglectum*.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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Substitutes for asbestos cement pipes. Transp. stroi. 9 no.11: 37-39 N '59 (MIRA 13:3)
(Pipe, Concrete)

ZERENINOV, A.M., inzh.

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(MIRA 12:11)
(Steel alloys)

ZERENINOV, A. M.

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TN704.R9Z4 1936

ZERENINOV, A. M.

Wrote on Metallurgicheskiye Aggregaty. SSSR (Metallurgical Equipment of the USSR) 1 January 1936 Moskva-Leningrad

9a Soviet Source:
Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information Division, Report No. 106522 Unclassified.

LEVIN, B.I.; ANPILOGOV, R.G.; BOGATYREV, A.F.; BRYKIN, S.V.; GOL'DMAN, M.S.; DAVYDOV, G.V.; ZADORIN, B.M.; ZEREININOV, A.M.; LAPUSHKIN, A.D.; LEDNEV, V.I.; MURAV'YEV, V.I.; OGANESOV, I.S.; PETROV, N.I.; SIDORIN, V.K.; SOLDATOV, Ye.G., obshchiy red.; KARAMYSHEV, I.A., red.; PESKOVA, L.N., red.; KHITROV, P.A., tekhn.red.

[Manual for studying the economics of construction in the transportation industry] V pomoshch' izuchaiushchim ekonomiku transportnogo stroitel'stva. Moskva, Gos.transp.zhel-dor. izd-vo, 1959. 271 p. (MIRA 12:7)
(Construction industry) (Transportation)

ZERENINOV, A. M.

M: Metallurgicheskiye Aggregaty SSSR (Metallurgical Equipment of the USSR); Moskva-Leningrad; 1936

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[Collections Nos. 10, 20, 31, and 42 of standard district uniform estimates for construction work] Sborniki No.10, 20, 31 i 42 edinykh raionnykh edinichnykh rastsenok na stroitel'nye raboty. Moskva, Stroiizdat, 1965. (MIRA 18:10)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosstroy SSSR (for Desyatnik, Gusev, Filimonov). 3. Nauchno-issledovatel'skiy institut ekonomiki stroitel'stva Gosstroya SSSR (for Yeliseyeva, Murashov, Rokko, Andreyev, Malakhov, Turianskiy). 4. Gosudarstvennyy soyuznyy institut po proyektirovaniyu spetsial'nykh sooruzheniy, zdaniy, sanitarno-tekhnicheskikh i energeticheskikh ustrov dlya predpriyatiy khimicheskoy promyshlennosti (for Petrov). 5. Tsentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut promyshlennykh zdaniy i sooruzheniy (for Zerenkov).

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1. Kafedra mikrobiologii Smolenskogo meditsinskogo instituta.
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA) (DIPHTHERIA)

ZERGOLLERN, Vesna, mr.ph.; DURRIGL, Teodor, dr.

On some factors influencing hemagglutination test results. Reumatizam (Zagreb) 11 no.6:231-235 '64

1. Zavod za reumatske bolesti "Dr. Dora Filipovic", Zagreb.

KARASIK, Mikhail Abramovich; YURK, Yu.Yu., doktor geol.-miner. nauk, otv. red.; ZERNETSKAYA, N.V., red.; MATVEYCHUK, A.A., tekhn. red.

[Postmagmatic ore zones and their classification] Poslemagmaticheskie rudnye polia i ikh klassifikatsiia. Kiev, Izd-vo AN Ukr.SSR, 1963. 265 p. (MIRA 16:8)
(Ore deposits--Classification)

KAPTARENKO-CHERNOUSOVA, Ol'ga Konstantinovna, doktor geol.-miner. nauk, prof.; GOLYAK, Lyudmila Markovna, inzh.; ZERNETSKIY, Boris Fedorovich, kand. geol.-miner. nauk; KRAYEVA, Yelizaveta Yakovlevna, kand. geol.-miner. nauk; LIPNIK, Yelena Semenovna, mlad. nauchn. sotr.; DIDKOVSKIY, V.Ya., st. nauchn. sotr., otv. red.; MEL'NIK, A.F., red.; MATVEYCHUK, A.A., tekhn. red.

[Atlas of typical Jurassic, Cretaceous, and Paleogene foraminifers in the platform part of the Ukraine] Atlas kharakternykh foraminifer iury, mela i paleogena platformennoi chasti Ukrainy. Kiev, Izd-vo AN USSR, 1963. 200 p. (Seriia stratigrafii i paleontologii, no.45)

(MIRA 16:8)

(Ukraine--Foraminifera, Fossil)

ZERETSKIY, L.M., gornyy inzhener.

Closed conveyer belt without rollers in an asbestos processing plant. Gor.zhur.no.6:61-62 Je '56. (MLRA 9:8)
(Conveying machinery)

MILANOV, St.; ZEREV, St.; MARINOV, Hr.

Dynamics of some indices in the treatment of experimental myocarditis, produced by three different methods. Nauch. tr. vissh. med. inst. Sofiia 43 no.5:41-47 '64

1. Chair of Pathophysiology of VMI, Sofia (Chief: Prof. St. Pisarev).

ZERGENYI E

3

Rényi, A.; and Zergényi, E. An inequality for uncorrelated random-variables. Czechoslovak Math. J. 6(81) (1956), 415–419. (Russian summary)

Let $\xi_1, \xi_2, \cdots, \xi_k, \cdots$ be a sequence of uncorrelated random variables with mean values 0 and variances D_k^2. Let c_k denote a non-increasing sequence of positive numbers, satisfying the inequality $1 < c \leqq c_k/c_{2k} \leqq C$ $(k=1, 2, \cdots)$. The authors prove that

$$E\left(\sup_{n \leqq k} c_k^2 \left|\sum_{j=1}^{k} \xi_j\right|^2\right) \leqq K\left(c_n^2 \sum_{j=1}^{n} D_j^2 + \sum_{j=n+1}^{\infty} D_j^2 c_j^2 \log^2 j\right)$$

for $n=1, 2, \cdots$, where the constant K depends only on the constants c and C. This inequality simplifies the proof of the strong law of large numbers for uncorrelated random variables. *J. Wolfowitz* (Ithaca, N.Y.).

CG

ZERGENYI, MARGIT

HUNGARY/Analytic Chemistry. Analysis of Organic Substances. E

Abs Jour: Ref Zhur-Khim., No 23, 1958, 77368.

Author : Szekeres, Laszlo; Dalazsfalvyne, Zergenyi Margit; Molnar, Laszlo G.

Inst :

Title : Arsenometric Determination of Oxalate Ions.

Orig Pub: Magyar ken. folyoirat, 1958, 64, No 3, 96-97.

Abstract: An arsenometric method of oxalate ion determination based on the oxidation of oxalate ions with bromine and the titration of the excessive bromine with arsenite solution was developed. 10 ml of 2 n. HCl is added to 10 to 20 ml of 0.1 n. bromidebromate solution containing 15 to 20 g of KBr per liter, after which 7.5 ml of 5 n. NaOH solution, the oxalate solution under study (about 5 to 10 ml of 0.1 n

Card : 1/2

ZERGENYI-BALASLALVY, M

Arsenometric determination of hexacyanoferrate(II) ion. 27
L. Szekeres and M. Zergenyi-Balasfalvy (Landwirtschaftliche Univ., Budapest, Hung.). Z. Anal. Chem. 163, 359-61(1958); cf. following abstr.—To det. $Fe(CN)_6^{4-}$ in soln., add excess 0.1*N* $KBrO_3$-KBr soln. and HCl, wait a few min., add 1-2 drops 0.1*N* alk. I soln. and starch indicator, and titrate with 0.1*N* As_2O_3 soln. to the appearance of a blue color. Results compare well with I and $KMnO_4$ oxidation. K. G. Stone

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ZERGENYI-BALASFALVY, M.

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Arsenometric determination of hexacyanoferrate(II) ion. L. Szekeres and M. Zergenyi-Balasfalvy (Landwirtschaftliche Univ., Budapest, Hung.). *Z. Anal. Chem.* 163, 359-61(1958); cf. following abstr.—To det. $Fe(CN)_6^{4-}$ in soln., add excess 0.1*N* $KBrO_3$-KBr soln. and HCl, wait a few min., add 1–2 drops 0.1*N* alk. I soln. and starch indicator, and titrate with 0.1*N* As_2O_3 soln. to the appearance of a blue color. Results compare well with I and $KMnO_4$ oxidation.

K. O. Stone

YUGOSLAVIA

ZERGOLLERU, Josip; and ZERGOLLERU, Sergije; Department of Orthopedics and Institute of Radiology (Ortopedski odjel i Zavod za radiologiju Bolnice) "Dr. Josip Kajfes", Zagreb

"Diagnosis and Treatment of Some Bone Tumors"

Zagreb, Lijecnicki Vjesnik, Vol 88, No 8, August 1966; pp 957-962

Abstract [English summary modified]: Case reports of bone cyst, osteoclastoma, Ewing's sarcoma of the bone in the corresponding 3 patients with surgical treatment and good response to it. Twelve roentgenograms; 7 Yugoslav, 19 Western references. Manuscript received 10 Dec 65.

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MARDESIC, Dusko, dr.; ZERGOLLERN, Josip, dr.

Lumbalgias in industry. Lijecn. vjesn. 83 no.10:1019-1033 '61.

1. Iz Zdravstvene stanice Zeljezare Sisak, Medicinskog centra u Sisku.

(BACKACHE) (OCCUPATIONAL DISEASES)

GENETICS

YUGOSLAVIA

ZERGOLLERN, Dr. Ljiljana, Clinic for Pediatric Diseases of the Medical Faculty (Klinika za djecje bolesti Medicinskog fakilteta) Zagreb-Rebro; Head (Predstojnik): Prof. Dr. P. Erak

"Cytogenetics and its Application in Clinical Medicine"

Belgrade, Medicinski Glasnik, Vol 20, No 5-6, May-June 1966, p. 175-177

Abstract: Historical outline: Garrod (alcaptonuria work), Von Winiwarterow (48 chromosomes in man) to Levan (46 found to be true in 1956); Lejeune (mongoloids have 47); cytogenetic materials and methods of work are described.

ZERGOLLERN, Vesna, Mr.Ph.; DURRIGL, Teodor, dr.; CREPINKO, Inge, dr.; HAUPTMANN, Erik, dr.

Cytological analysis of articular effusions in rheumatoid arthritis patients. Lijecn. vjesn. 87 no.2:147-151 F '65.

1. Iz Zavoda za reumatske bolesti "Dr. Dora Filipovic" i Interne klinike Medicinskog fakulteta u Bolnici "Dr. Ozren Novosel" u Zagrebu.