Temperature Distribution in ....

The solution is then of the form

$$T(r,s) - \frac{t_0}{s} = \frac{q_c}{\lambda} \frac{I_0(\gamma R_0) K_0(\gamma r) - I_0(\gamma r) K_0(\gamma R_0)}{(s+m)\gamma [I_0(\gamma R_0) K_1(\gamma R_1) + I_1(\gamma R_1) K_0(\gamma R_0)]} + \quad (2.2)$$

$$+ (t_c - t_0) \frac{I_1(\gamma R_1) K_0(\gamma r) + I_0(\gamma r) K_1(\gamma R_1)}{s[I_0(\gamma R_0) K_1(\gamma R_1) + I_1(\gamma R_1) K_0(\gamma R_0)]}$$

$$K_1 = \frac{J_0(k\nu) Y_0\left(\nu \frac{r}{R_1}\right) - J_0\left(\nu \frac{r}{R_1}\right) Y_0(k\nu)}{\nu [J_0(k\nu) Y_1(\nu) - J_1(\nu) Y_0(k\nu)]} \exp(-\nu^2 F_0) +$$

$$+ \pi \sum_{n=1}^{\infty} \frac{\mu_n J_0^2(k\mu_n) \left[J_1(\mu_n) Y_0\left(\mu_n \frac{r}{R_1}\right) - J_0\left(\mu_n \frac{r}{R_1}\right) Y_1(\mu_n)\right]}{[J_0^2(k\mu_n) - J_1^2(\mu_n)](\mu_n^2 - \nu^2)} \exp(-\mu_n^2 F_0) +$$

$$+ \frac{K_1}{\theta} \left\{ 1 - \pi \sum_{n=1}^{\infty} \frac{J_0(k\mu_n) J_1(\mu_n) \left[J_1(\mu_n) Y_0\left(\mu_n \frac{r}{R_1}\right) - J_0\left(\mu_n \frac{r}{R_1}\right) Y_1(\mu_n)\right]}{J_0^2(k\mu_n) - J_1^2(\mu_n)} \times \right. \quad (2.3)$$

$$\left. \times \exp(-\mu_n^2 F_0) \right\}$$

Card 7/10

where $\theta = (t - t_o)/(t_c - t_o)$ and μ_n are the positive roots of

$$J_o(k\mu)Y_1(\mu) - J_1(\mu)Y_o(k\mu) = 0 \qquad (2.4) .$$

The approximate solution suitable for practical purposes can be obtained from Eq. (2.2) and is

$$K_t \frac{H - \nu^2 E}{(\alpha^2 - \nu^2) L} \exp(-\nu^2 F_o) - \frac{H - \alpha^2 E}{(\alpha^2 - \nu^2) L} \exp(-\alpha^2 F_o) + \frac{K_t}{\theta} [1 - (1 - \beta^2 V) \exp(-\beta^2 F_o)] \qquad (2.5)$$

Card 8/10

Temperature Distribution in ....

where

$$H = \left(k - \frac{r}{R_1}\right) + \frac{1}{2k}\left(k - \frac{r}{R_1}\right)^2 + \frac{1}{3k^2}\left(k - \frac{r}{R_1}\right)^3$$

$$E = \frac{1}{6}\left(k - \frac{r}{R_1}\right)^3$$

$$V = \frac{1}{2}\left(\frac{r}{R_1} - 1\right)^2 + \frac{1}{6}\left(\frac{r}{R_1} - 1\right)^3 \qquad (2.6)$$

$$L = \frac{1}{2}(k-1)^2 + \frac{1}{3k}(k-1)^3$$

$$\alpha^2 = \frac{1}{L}\left[1 - \frac{1}{k}(k-1) + \frac{1}{k^2}(k-1)^2 + \frac{1}{k^3}(k-1)^3\right]$$

$$\beta^2 = \left[\frac{1}{2}(k-1)^2 + \frac{1}{6}(k-1)^3\right]^{-1}$$

Fig. 2 shows the relation between K_t and F_o as determined by Eq. (2.5) for $r/R_1 = 1$.

There are 2 figures and 5 Soviet references.

Card 9/10

27652
S/024/61/000/004/010/025
Temperature Distribution in A032/A314

ASSOCIATION: Energeticheskiy institut AN Azerbaydzhanskoy S.R
(Power Institute of the AS Azerbaydzhan S.R)

SUBMITTED: October 29, 1960

Fig. 1:

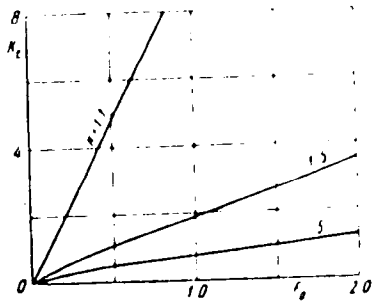
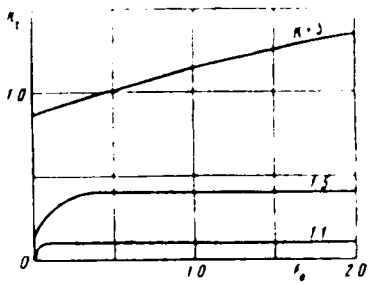


Fig.2:



Card 10/10

GOLUBEV, I.F.; NAZIYEV, Ya.M.

Heat conductivity of gaseous satruated hydrocarbons at atmospheric pressure at different temperatures. Izv. AN Azerb. SSR. Ser.fiz.-mat. i tekh.nauk no.5:97-104 '61. (MIRA 15:2)
(Hydrocarbons--Thermal properties)

NAZIYEV, Ya.M.

Equations for calculating the heat conductivity of plane, cylindrical and spherical twin differential calorimeters. Izv. AN Azerb.SSR.Ser.fiz.-mat.i tekh.nauk no.6:137-147 '61. (MIRA 15:4)

(Calorimeters) (Heat—Conduction)

NAZIYEV, YA. M.

AID Nr. 980-9 31 May

THERMAL CONDUCTIVITY OF SATURATED HYDROCARBONS AT VARIOUS TEMPERATURES AND HIGH PRESSURES (USSR)

Naziyev, Ya. M., and I. F. Golubev. IN: Akademiya nauk Azerbaydzhanskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, no. 6, 1962, 113-118.
S/233/62/000/006/008/008

The data on the temperature and pressure dependence of thermal conductivity for normal alkanes (from methane to octane) can be generalized by means of existing theoretical and empirical formulas, but the applicability of these formulas is limited. In order to obtain a satisfactory generalization for alkanes, the authors used the known expression

$$\lambda_{p,t} - \lambda_t = f(\gamma), \qquad (1)$$

AID Nr. 980-9 31 May

THERMAL CONDUCTIVITY [Cont'd] 8/233/62/000/006/008/008

where $\lambda_{p,t}$ is the thermal conductivity at pressure (p) and temperature (t), λ_t is the thermal conductivity at atmospheric pressure and temperature (t), and γ is the specific gravity. A graphic presentation of (1) shows very good distribution of the experimental points along an averaged curve. The Vargaftik (1952) equation

$$\lambda_{p,t} = \lambda_t + B\gamma^n, \qquad (2)$$

where B and n are constants, was generalized by means of the principle of corresponding states in the form

$$\frac{\lambda_{p,t} - \lambda_t}{\lambda_{(p,t)_c} - \lambda_{t_c}} = f\left(\frac{\gamma}{\gamma_c}\right), \qquad (3)$$

where subscript c denotes critical data. It is necessary to determine

$$\Delta\lambda_c = \lambda_{(p,t)_c} - \lambda_{t_c}$$

for each of the alkanes. $\Delta\lambda_c$ can be obtained from (1) provided γ_c is known. All experimental data processed by means of (3) revealed very good distribution (average deviation, $\pm 3\%$) along a single curve, which confirms the validity

Card 2/3

AID Nr. 980-9 31 May

THERMAL CONDUCTIVITY [Cont'd] S/233/62/000/006/008/008

of the principle of corresponding states for the class of saturated hydrocarbons in the coordinates of (3). Further, the authors used the relation proposed by Usmanov (1959)

$$\frac{q}{q_{\Delta s}} = f\left(\frac{s_2 - s_1}{R}\right), \qquad (4)$$

where

$$q = \lambda(t_2 - t_1),$$

$$q_{\Delta s} = \lambda_{\Delta s}(t_1' - t_1),$$

s_1 and s_2 are the absolute entropies at temperatures t_1 and t_2, and R is the universal gas constant. Using relation (4) for n-hexane and n-heptane, the authors obtained very good distribution of the experimental points with a slight scattering of 3% along a single curve. Considerable divergence was found in the neighborhood of the saturation curve. [EDW]

Card 3/3

S/196/63/000/001/022/035
E073/E435

AUTHORS: Golubev, I.F., Naziyev, Ya.M.

TITLE: Heat conductivity of n-hexane, n-heptane and n-octane at various temperatures and high pressures

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.1, 1963, 7, abstract 1 G35. (Tr. Energ. in-ta. AN AzerbSSR, v.15, 1962, 84-102, Azerb. summary)

TEXT: The heat conductivity of n-hexane, n-heptane and n-octane in the liquid and gaseous states within temperature range 20 - 360°C and pressures of 1 - 500 kg/cm^2 was measured. In the neighbourhood of the critical point, λ is strongly dependent on p and t. For isotherms near to the critical point, and also close to the critical pressure, maxima of heat conductivity were observed extending over a narrow range of pressures, which can presumably be explained by the occurrence of a convective heat exchange in the gap between the cylinders of the bicalorimeter. For determining λ, the regular temperature variation method was used. A detailed description of the bicalorimeter and the experimental method is given. Corrections for the temperature distribution within the

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Heat conductivity ...

instrument, by considering the cooling of the internal cylinder placed into a thermally insulated external cylinder under boundary conditions of the second kind, are described in detail. The equations are derived assuming a constant temperature of the external cooling medium ($\lambda = \infty$, $\alpha = \infty$). In the above bicalorimeter, comprising two coaxial cylinders with the gap between them filled by the gas or liquid under investigation, the external cylinder acts as the ambient medium for the investigated layer and for this cylinder λ has a finite value. Therefore, instead of the measured value of the rate of cooling m_{meas}, it is necessary to substitute in the equation the real value of m and it is the magnitude of this that is determined when solving the problem. 14 references.

[Abstractor's note: Complete translation.]

Card 2/2

NAZIYEV, Ya.M.

Using the method of nonstationary thermal conditions in determining the heat conductivity of liquids and gases at high pressures. Za tekh. prog. 3 no.7:16-19 Jl '63. (MIRA 16:1)

1. Energeticheskiy institut imeni I.G. Yes'mana.

S/0170/64/000/002/0045/0047

ACCESSION NR: AP4012791

AUTHOR: Naziyev, Ya. M.

TITLE: Calculation of the thermal conductivity of compressed gases

SOURCE: Inzhenerno-fizicheskiy zhurnal, no. 2, 1964, 45-47

TOPIC TAGS: thermal conductivity, compressed gas, saturated hydrocarbon, density, critical point, pressure

ABSTRACT: The present work was done to construct a method of determining the thermal conductivity of compressed gases at high pressures by calculation instead of experimentally. A functional equation $\mu = f(\omega)$, where $\mu = \rho^{4/3} T_{cr}^{7/6} / A \lambda P_{cr}^{2/3}$ permitted correlating the experimental data for saturated hydrocarbons. The experimental data for the hydrocarbons are on a single straight line for which the equation has the form $\mu = (205.2 - 92.7\omega) 10^3$. Calculation with the latter equation requires no knowledge of the thermal conductivity and density at the critical point and no preliminary knowledge of the thermal conductivity of the compressed gases. It permits calculating the thermal conductivity by the known density, knowing only the critical temperature and pressure. The thermal conductivity of

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ACCESSION NR: AP4012791

n-pentane is estimated in the temperature range from 310 to 510K and the pressure range from 50×10^5 to 700×10^5 newtons/sq m. Orig. art. has 5 formulas, 1 figure and 1 table.

ASSOCIATION: Energeticheskiy institut im. I. G. Yes'mana AN AzSSR, Baku (Power Engineering Institute, AN AzSSR)

SUBMITTED: 04Mar63	DATE ACQ: 26Feb64	ENCL: 00
SUB CODE: PH	NO REF SOV: 005	OTHER: 005

Card 2/2

MATIYEV, Ya.M.

Relation between heat conductivity and viscosity of gaseous hydrocarbons of the methane series. Izv. vys. ucheb. zav.; neft' i gaz 8 no.2:75-76 '65.

1. Azerbaydzhanskiy politekhnicheskiy institut.

NAZIYEV, Ya.M.

[illegible]

1. Nauchno-[illegible]

NAZIYEV, Yu.M.

Use of a cylindrical three-component calorimeter [illegible] method
in a regular thermal regime. Dokl. AN Azerb. SSR [illegible] 16:5.
(MIRA 18:7)

1. Azerbaydzhanskiy politekhnicheskiy institut.

L 58808-65

ACCESSION NR: AP5015689 UR/0076/65/039/006/1359/1364
532.7 6
B

AUTHOR: Naziyev, Ya. M.

TITLE: Relationship between thermal conductivity and viscosity in vapors of hydrocarbons of the methane series

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 6, 1965, 1359-1364

TOPIC TAGS: methane, ethane, propane, butane, pentane, hexane, heptane, octane, thermal conductivity, saturated hydrocarbon, hydrocarbon viscosity

ABSTRACT: According to an equation based on the kinetic theory of gases, the thermal conductivity, molecular mass, viscosity, and heat capacity are related as follows:

$$f = \frac{\lambda M}{\eta C_v}. \quad (1)$$

The proportionality factor f has not been sufficiently studied. Values of f calculated by means of (1) and Eucken's equations (2) and (3)

$$f = 1 + \frac{9}{4}\frac{R}{C_v} \quad (2)$$

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L 58808-65

ACCESSION NR: AP5015689

$$f = \frac{\rho D}{\eta} + \frac{3}{2}\left(\frac{5}{2} - \frac{\rho D}{\eta}\right)\frac{R}{C_V}, \qquad (3)$$

for gaseous hydrocarbons of the methane series are tabulated together with values of λ, η, C_V, and f for various temperatures and pressures. The law of corresponding states for the temperature dependence of the factor f gives

$$f_\tau = \varphi(\tau), \qquad (4)$$

where f_τ is a reduced proportionality factor. According to (4), the reduced values of f for the whole class of hydrocarbons of the methane series should lie on a single curve in the $f_\tau - \tau$ coordinate system. This is confirmed by Fig. 1 of the Enclosure, where the maximum deviation of the points is about 1.0%. Orig. art. has: 3 figures, 1 table, and 7 formulas.

ASSOCIATION: Bakinskiy energeticheskiy institut im. I.G. Yes'mana (Baku Power Institute)

SUBMITTED: 28Dec63 ENCL: 01 SUB CODE: OC, TD

NO REF SOV: 009 OTHER: 010

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L 58808-65

ACCESSION NR: AP5015689 ENCLOSURE: 01

Fig. 1. Reduced for f_τ of hydrocarbons of the methane series: 1 - methane, 2 - ethane, 3 - propane, 4 - n-butane, 5 - n-pentane, 6 - n-hexane, 7 - n-heptane, 8 - n-octane.

Card 3/3

KOMAROV, V.S., inzh.; NAZIUKHANYAN, V.M., inzh.; BELIKOVA, T.V., inzh.

VIRS-2 nonsparking relay with induction pickups. Bezop.truda v prom. 6 no.8:30 Ag '62. (MIRA 16:4)

(Electric relays)

ISAYEV, S., prokhodchik; NAZMUTDINOV, A., rabochiy ochistnogo zaboya; RETIVYKH, S., vzryvnik; KICHKO, S., rabochiy ochistnogo zaboya.

"Utes" rest home. Mast.ugl. 9 no.8:25 Ag '60. (MIRA 13:8)

1. Kopeyskaya shakhta No.30 (for Isayev). 2. Kopeyskaya shakhta No.42 "Kapital'naya (for Nazmutdinov, Retivykh). 31 Korkinskaya shakhta "Prigorodnaya" (for Kichko).
(Ural Mountain region--Coal miners)
(Labor rest homes)

REKUNOV, N.A.; MIKHAYLOV, A.D.; DOMOKUROV, I.A.; NAZMUTDINOV, R.Sh.; IGUSHKIN, I.A.

SKS-8-59K seismic velocity logging station. Geofiz. razved. no. 4:104-109 '61. (MIRA 17:2)

NAZMUTDINOVA, A.S

Reaction of dialkyl esters of phosphorous acids with aldehydes and ketones. VIII. Esters of hydroxy(3-cyclohexen-1-yl)methylphosphonic, hydroxy(4-methyl-3-cyclohexen-1-yl)methylphosphonic acid and hydroxy(3,4-dimethyl-3-cyclohexen-1-yl)methylphosphonic acid. V. S. Abramov and A. S. Nazmutdinova (Chem. Technol. Inst., Kazan). *Zhur. Obshchei Khim.* 25, 1141-6(1955); cf. C.A. 49, 4507a; 8278c.—Addn. of $(RO)_2POH$ to 1,2,5,6-tetrahydrobenzaldehyde and its homologs in the presence of MeONa, as described previously (*loc. cit.*), gave the following esters: *di-Me hydroxy(3-cyclohexen-1-yl)methylphosphonate*, n_D^{20} 1.4792, d_{20} 1.2300; *di-Et ester*, n_D^{20} 1.4715, d_{20} 1.1544; *di-iso-Pr ester*, m. 63-4°; *di-Bu ester*, n_D^{20} 1.4685, d_{20} 1.0816; *di-iso-Bu ester*, n_D^{20} 1.4668, d_{20} 1.0760; *di-Me hydroxy(4-methyl-3-cyclohexen-1-yl)methylphosphonate*, n_D^{20} 1.4876, d_{20} 1.1881; *di-Et ester*, n_D^{20} 1.4766, d_{20} 1.1331; *di-iso-Pr ester*, m. 79-80°; *di-Bu ester*, n_D^{20} 1.4675, d_{20} 1.0666; *di-iso-Bu ester*, n_D^{20} 1.4722, d_{20} 1.0638; *di-Et hydroxy(3,4-dimethyl-3-cyclohexen-1-yl)methylphosphonate*, n_D^{20} 1.4799, d_{20} 1.1270; *di-iso-Pr ester*, m. 60-2°; *di-Bu ester*, m. 48-50°. The larger is the R of the phosphite, the more complete is the reaction. Products were purified by washing with aq. $NaHSO_3$ and NaCl. None could be distd. Also in *J. Gen. Chem. U.S.S.R.* 25, 1095-98(1955)(Engl. translation).

G. M. K.

MELESHKO, V.P.; NAZO, A.A.

New method of purification of water from ammonia. Gig. sanit., Moskva No.1:53-54 Jan 52. (CIML 21:4)

1. Of the Sanitary-Hygienic Laboratory of Southeastern Railroad.

NAZOR, Ivo, dr.

The problem of delirium tremens. Lijecn. vjesn. 83 no.6:603-60
'61.

L. Iz Neuropsihijatrijskog odjela Opce bolnice u Puli.
(PSYCHOSES ALCOHOLIC)

NAZOROVA, Ye.; VERESHCHAGIN, N.; LEVINA, L.

Using a standardized method for calculating the production cost of sausages. Mias. ind. SSSR 32 no.3:44-45 '61. (MIRA 14:7)

1. Moskovskiy myasokombinat (for Nazorova, Vereshchagin).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti (for Levina).

(Moscow—Sausages—Costs)

IBADOV, A.Yu.; NAZRULLAYEV, S.N.

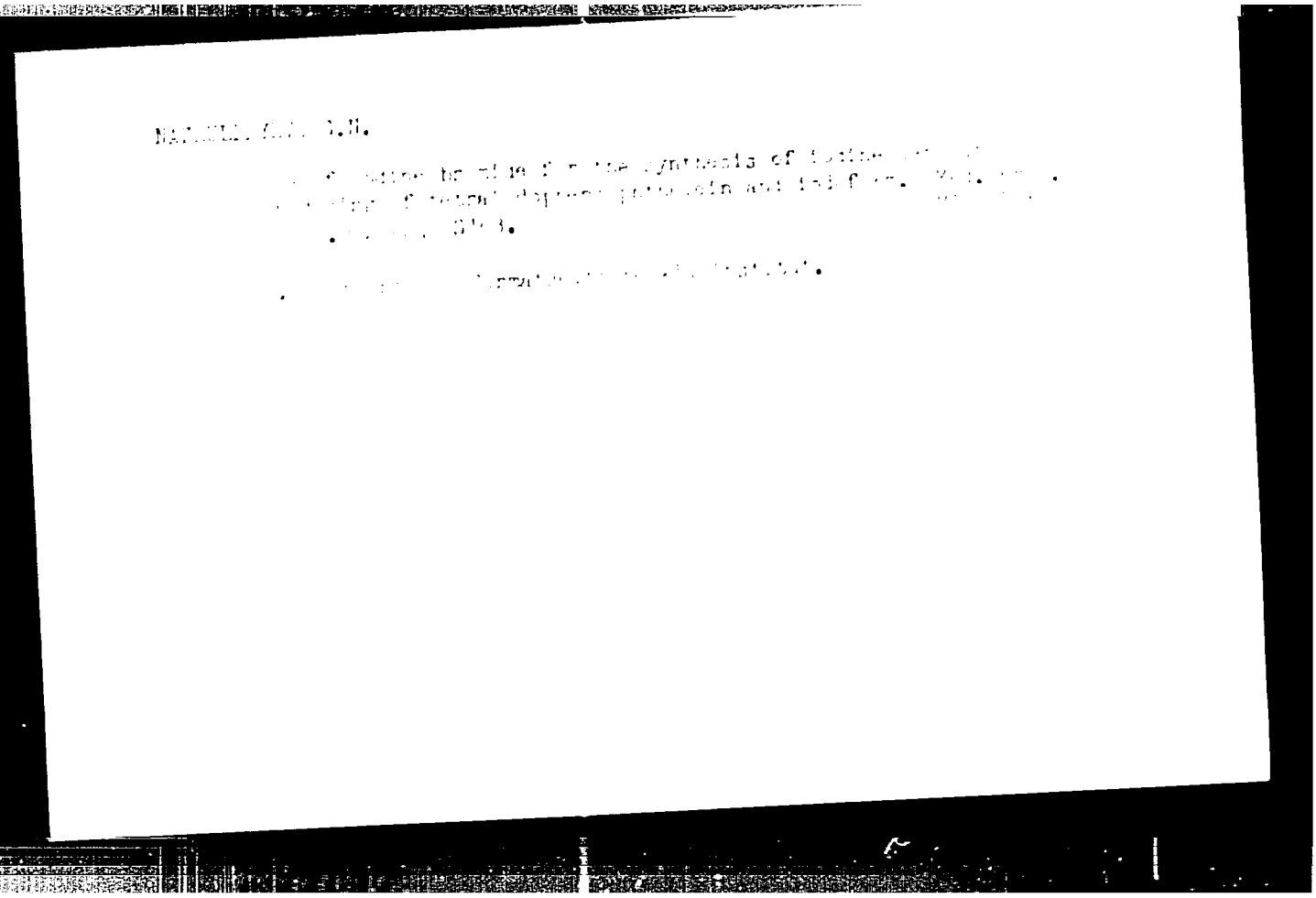
Iodometric method of quantitative analysis of dibasol. Apt. delo 10 no.5:33-34 S-O '61. (MIRA 14:12)

1. Tashkenskiy farmatsevticheskiy institut.
(DIBASOL--ANALYSIS)

NAZRULLAYEV, S.N.; GENGRINOVICH, A.I.; MURTAZAYEV, A.M.

Use of an aqueous solution of iodine bromide in potentiometric titration. Uzb.khim.zhur. 6 no.5:29-32 '62. (MIRA 15:1)

1. Tashkentskiy farmatsevticheskiy institut.
(Iodine bromide) (Potentiometric analysis)



BILENKO, D.I.; DEMIDOV, V.K.; KOTELKOV, V.N.; NAZVANOV, V.F.; NOSOVA, V.A.; ORNATSKAYA, Z.I.; ROKAKH, A.G.; SVERDLOVA, A.M.; KAPSHTAL', G.G.; KIR'YASHKINA, Z.I., dots., red.; VINNIKOVA, I.A., red.

[Textbook for practical studies on the physics of semiconductors] Rukovodstvo k prakticheskim zaniatiiam po fizike poluprovodnikov; uchebnoe posobie. [Saratov], Saratovskii univ., 1964. 115 p. (MIRA 18:11)

KOGAN, B.I.; NAZVANOVA, V.A.; KATS, F.A., red.; [illegible] YAN [illegible] KAYA, [illegible].M., red.; LOGINOVA, Ye.I., tekhn. red.

[Possible areas for the use of scandium] Vozmozhnye oblasti primeneniia skandiia. Moskva, 1963. 47 p. (MIRA 16:11)

1. Moscow. TSentral'nyy [illegible] informatsii tsvetnoy metallurgii. (Scandium)

AM4006611 BOOK EXPLOITATION S/

Kogan, Boris Iosifovich; Nazvanova, Valentina Aleksandrovna

Scandium; an economic analysis (Skandiy; ekonomicheskiy analiz) Moscow, Izd-vo AN SSSR, 1963. 303 p. illus., biblio. Errata slip inserted. 1000 copies printed. At head of title: Akademiya nauk SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov.

TOPIC TAGS: scandium, scandium compounds, scandium organic, rare earth metal, scandium ores, scandium industry, scandium metallurgy, isotopes,

PURPOSE AND COVERAGE: This book is intended for geologists, geochemists, mineralogists, chemists, engineers, metallurgists, economists, and specialists in other fields of science and technology concerned with scandium. The text is a review of the economic importance of scandium based on Western and Soviet literature published during the period 1906-1962 (1062 references taken from 2300 bibliographic entries). Entries which cover scandium in space, in nuclear physics, analytical methods, supplementary literature on

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AM4006611

the geology, mineralogy, geochemistry, and chemistry of scandium, etc., will be published in a separate bibliography. The book covers the chemistry of scandium and scandium compounds and scandium technology with particular accent on its use in such modern fields as aviation, rocketry, and electronics. All references to the use of scandium in the field of aerospace are based primarily on U.S. military and industrial sources. Scandium research trends are given in Table 20, pp. 94-95. Better utilization of scandium in modern technology is expected.

TABLE OF CONTENTS [Abridged]:

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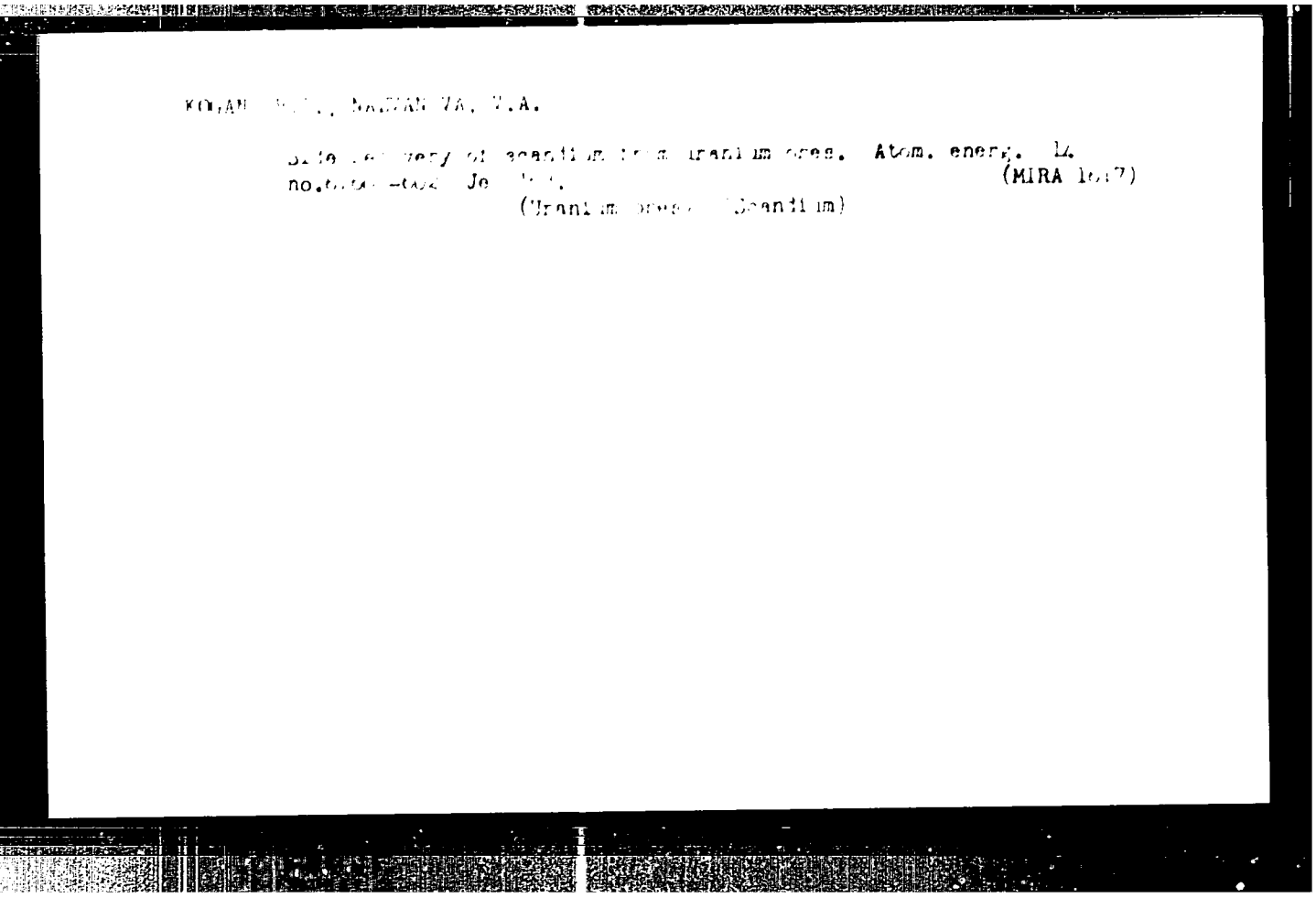
KOGAN, Boris Iosifovich; NAZVANOVA, Valentina Aleksandrovna; VLASOV, K.A., glav. red.; SHCHERBINA, V.V., doktor geol.-miner. nauk, otv. red.; PONOVA, T.S., red.izd-va; KYLINA, Yu.V., tekhn. red.

[Scandium; an economic analysis] Skandii; ekonomicheskii analiz. Moskva, Izd-vo AN SSSR, 1963. 303 p. (MIRA 16:8)

1. Chlen-korrespondent AN SSSR (for Vlasov).
(Scandium)



KOLAN [illegible], MAZIAN VA, V.A.

[illegible] very [illegible] uranium ores. Atom. energy. 14, no. [illegible] Je [illegible]. (MIRA 16:7)
(Uranium ores [illegible] Uranium)

KHALDINOVA, N.A., kand.biologicheskikh nauk; MAZVICH, L.G.; REYL, M.V.

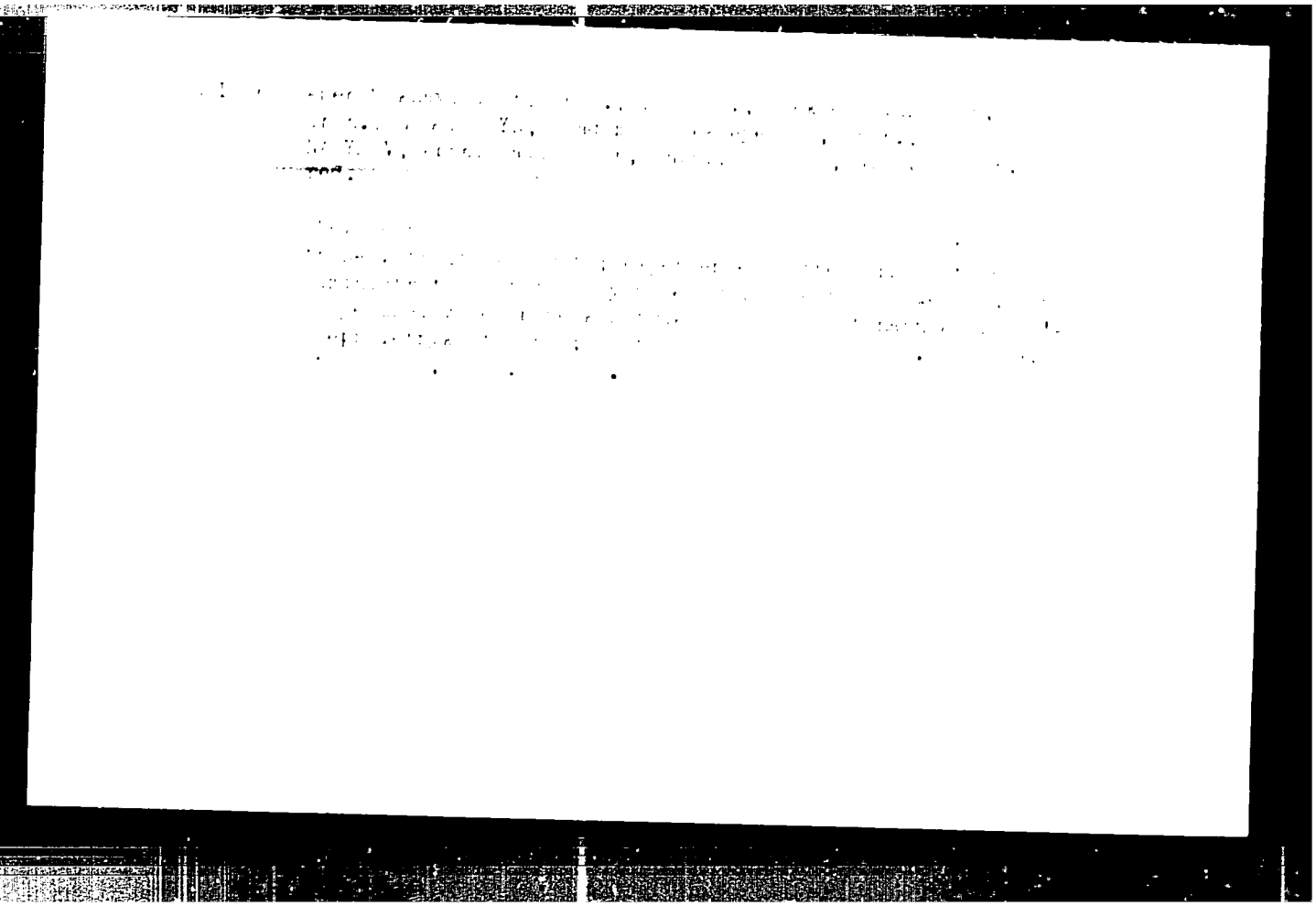
Vertical distribution of mysids in the Baltic Sea. Trudy VNIRO 42:75-83 '60. (MIRA 13:9)
(Baltic Sea--Schizopoda)

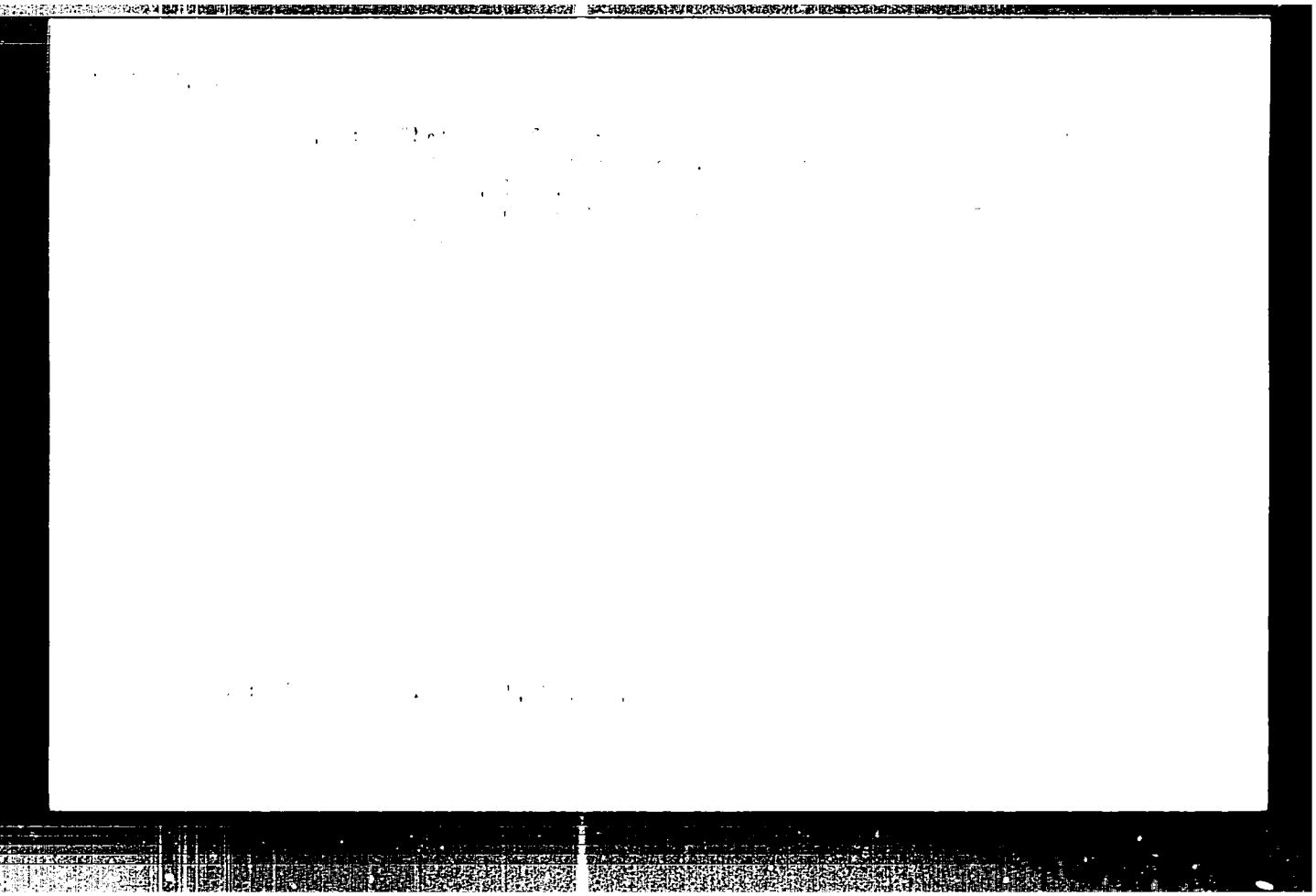
KURSKIY, Ye.F., dorozhnyy master 8 okolotka (Bryansk); KOSTIKOV, A.I., dorozhnyy master 7 okolotka (Bryansk); ZENIN, P.I.; KAZYMOK, N.P. (Kaluga)

Letters of the "Zheleznodorozhnyi transport" readers in response to the article "Improving the stability of tracks laid on sand foundation." Zhel.dor.transp. 42 no.10:44 O '60. (MIRA 13:10)

1. Bryanskaya distantsiya puti Kalininskoy dorogi (for Kurskiy, Kostikov). 2. Brigadir 25 otdeleniya 9 distantsii puti Kalininskoy dorogi, Bryansk (for Zenin). 3. Zamestitel' nachal'nika Kaluzhskoy distantsii puti. (for Kazymok).

(Railroads--Track)





IMOZEMTSEV, Yu.A.; NAZYROV, G.A.; MOLLAKOV, V.

Radio observations of the Orionids in Ashkhabad in 1956. Izv. AN Turk. SSR no.5:108-109 '58. (MIRA 11:12)

1.Institut fiziki i geofiziki AN Turkmenskoy SSR.
(Ashkhabad--Radio astronomy) (Meteors)

NAZYROV, G.N.; VENGERSKAYA, Kh.Ya.

Furfurole in the biological media in the body of workers of hydrolyzing factories and the method for determining it. Izv.AN UzSSR. Ser.med. no.6:18-20 '59. (MIRA 13:4)

1. Uzbekskiy nauchno-issledovatel'skiy institut sanitarii.
(FURALDEHYDE)

NAZYMOV, G.N.; VEN[illegible]AYA, Kh.Ya. (Tashkent)

Amount of furfurole in the blood and urine and the method of determining it. Gig. truda i prof. zab. 4 no. 7:40-41 Jl '60. (MIRA 13:8)

1. Uzbekskiy nauchno-issledovatel'skiy sanitarnyy institut.
(FURALDEHYDE) (BLOOD—ANALYSIS AND [illegible])
(URINE—ANALYSIS AND [illegible])

NAZYROV, G.N.; VENGERSKAYA, Kh.Ya.

Determination of small quantities of furfurole in the blood and urine. Lab. delo 6 no.5:35 S-O '60. (MIRA 13:9)

1. Uzbekiskiy nauchno-issledovatel'skiy sanitarnyy institut (dir. - dotsent A.Z. Zakhidov).
(FURALDEHYDE) (BLOOD—EXAMINATION)
(URINE—ANALYSIS AND PATHOLOGY)

NAZYROV, G.N.

Air pollution in shops of hydrolysis plants in Uzbekistan. Med. zhur. Uzb. no.8:28-32 Ag '60. (MIRA 13:9)

1. Iz Uzbekskogo nauchno-issledovatel'skogo instituta sanitarii i gigiyeny (direktor - dotsent A.Z. Zakhidov).
(UZBEKISTAN--AIR--POLLUTION)
(FURALDEHYDE--TOXICOLOGY)

NAZYROV, G.N.

State of health and incidence of diseases among workers of hydrolyzed alcohol and furfurole plants in Uzbekistan. Med. zhur. Uzb. no.12: 31-35 D '61. (MIRA 15:2)

1. Iz Uzbekskogo nauchno-issledovatel'skogo instituta sanitarii, gigiyeny i profzabolevaniy (direktor - dotsent A.Z.Zakhidov).
(UZBEKISTAN--CHEMICAL WORKERS--DISEASES AND HYGIENE)

NAZYROV, G.N.

Working conditions in hydrolysis plants of Uzbekistan. Gig. i san. 26 no.2:105-107 F '61. (MIRA 14:10)

1. Iz Uzbekskogo nauchno-issledovatel'skogo instituta sanitarii, gigiyeny i professional'nykh zabolevaniy.
(UZBEKISTAN—CHEMICAL INDUSTRIES—HYGIENIC ASPECTS)
(AIR—POLLUTION)

L 56528-65 EPF(c)/EWA(h)/EWT(m)/EWP(t)/EWP(i)/EWP(b)/EWA(d) Pr-4/Peb IJP(c)
JD/JG/WB

ACCESSION NR: AP5018580 UR/0242/64/000/010/0063/0066

AUTHOR: Salikhodzhayev, S. S.; Vengerskaya, Kh. Ya.; Nazyrov, G. N.

TITLE: Lavoderm -- a new cleansing paste for workers who handle high-melting and heat-resistant metals

SOURCE: Meditsinskiy zhurnal Uzbekistana, no. 10, 1964, 63-66

TOPIC TAGS: soap, glycol, alkylphenol, metallurgic personnel

Abstract: A study of metal workers showed that they were unsuccessful in washing tungsten from their hands after work. The authors developed a cleansing paste on the basis of OP-10, a surface-active mixture of mono- and dialkylphenyl esters of polyethyleneglycol. The paste also contains buffering and barrier agents. It has the following composition: 47.3 g of OP-10; 3.5 g of a 3% NaOH solution; 7.0 g of glycerin with a specific weight of 1.225-1.235; 7.0 g of paraffin and 35.0 g of water. Directions are given for preparing the paste, which has no allergenic, sensitizing, or irritating effects and does not lose its effectiveness in storage. Washing with the paste reduces the presence of tungsten on workers' hands to traces. Orig. art. has 1 table.

Card 1/2

L 56528-65 2

ACCESSION NR: AP5018580

ASSOCIATION: Uzbekskiy nauchno-issledovatel'skiy institut sanitarii, gigiyeny i profzabolevaniy (Uzbek Scientific Research Institute of Sanitation, Hygiene, and Occupational Diseases)

SUBMITTED: 14Jan64 ENCL: 00 SUB CODE: MT, GO

NO REF SOV: 003 OTHER: 000 JPRS

Toxic metals 18

Card 2/2

SALIKHODZHAYEV, S.S.; VENGERSKAYA, Kh.Ya.; NAZYROV, G.N.

New detergent paste for workers in the production of [illegible] and heat-resistant metals. Zav. lab. 5 no.4:[illegible] '65. (MIRA 18:5)

1. Uzbekskiy nauchno-issledovatel'skiy institut sanitarii, gigiyeny i professional'nykh zabolevaniy.

BARULIN, N.Ya., inzh.; NAZYROV, R.N., inzh.

Self-contained air conditioner for surgery rooms. Khol.tekh. 39 no.4: 12-16 Jl-Ag '62. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti (for Barulin). 2. Samostoyatel'noye konstruktorsko-tekhnologicheskoye byuro po proyektirovaniyu meditsinskikh i fiziologicheskikh priborov (for Nazyrov).

NAZYROV, Z.

Insurance work in Kazakhstan under the new conditions. Fin. SSSR 20 no.5:63-64 My '59. (MIRA 12:10)

1.Zamestitel' nauchal'nika Glavnogo upravleniya Gosstrakha Kazakhskoy SSR.
(Kazakhstan--Insurance)

NAZYROV, Z.

Extend rights of district state insurance inspections. Fin. SSSR 20 no.10:75-76 O '59. (MIRA 12:12)

1. Zamestitel' nachal'nika Glavnogo upravleniya Gosstrakha Kazakhskoy SSR.
(Kazakhstan--Insurance)

1. NAZYROVA, A. I.

2. USSR (600)

4. Brain - Abscess

7. Multiple cerebral abscesses of aural origin. Vest.oto-rin. 14 no. 6, 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

ZAKHIDOV, A.Z.; NAZYROVA, V.Ye.

Fluorine in potable waters of Uzbekistan. Report No.2. Med. zhur.Uzb. no.10:65-68 O '58. (MIRA 13:6)

1. Iz Uzbekskogo nauchno-issledovatel'skogo sanitarnogo instituta (direktor - dotsent A.Z. Zakhidov).
(UZBEKISTAN--WATER--FLUORIDATION)

NAZYROVA, V.Ye.

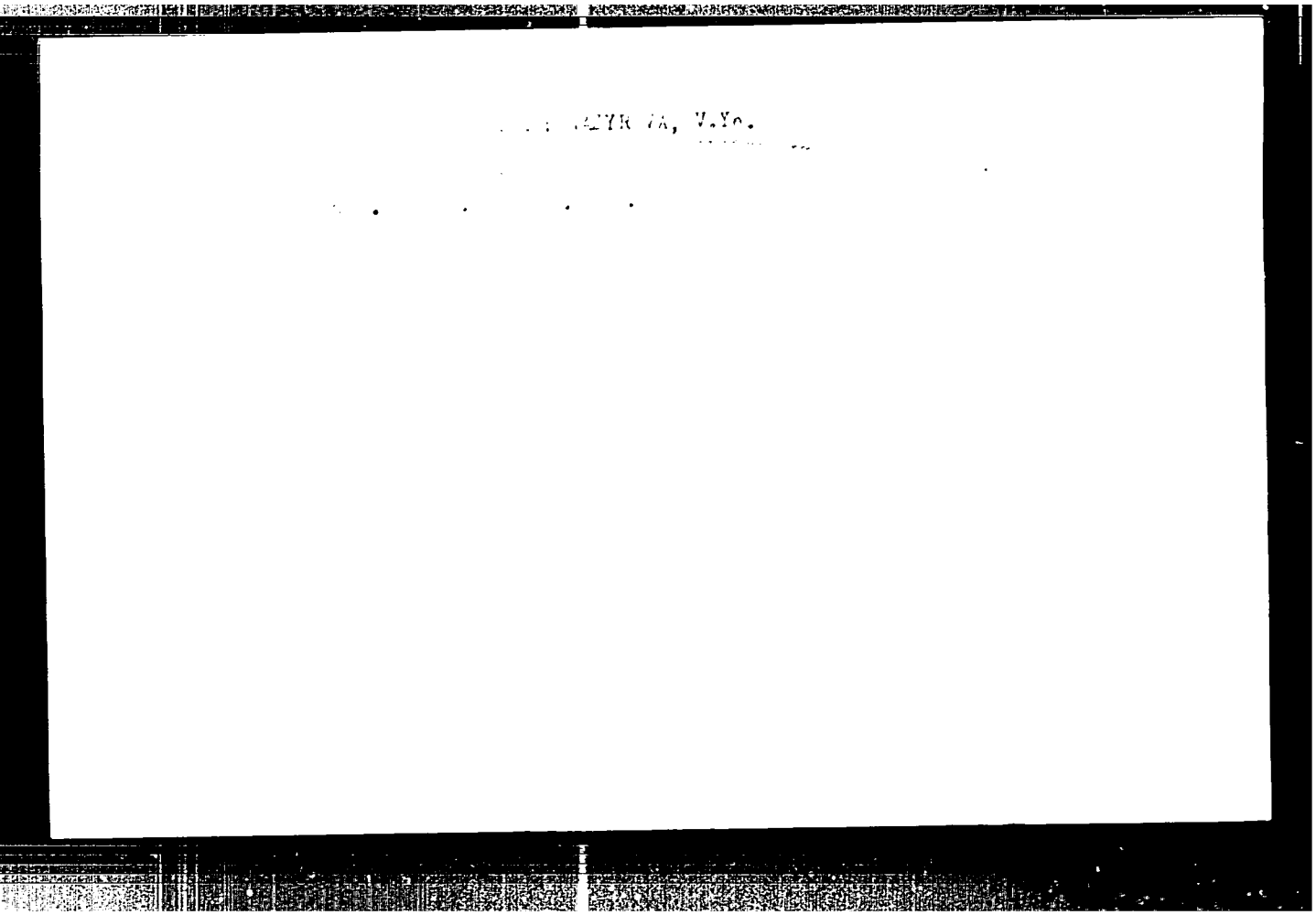
Functional state of normal thyroid glands. Med. zhur. Uzb. no.7:67-69 Jl '63. (MIRA 17:2)

1. Iz laboratorii biokhimii (zav. - prof. Ya.Kh. Turakulov) Instituta krayevoy eksperimental'noy meditsiny AN UzSSR.

NAZYROVA, V.Ye.

Content of total iodine and its fractions in the normal thyroid gland and in diffuse toxic goiter. Med. zhur. Uzb. no.6:11-13 Je'63 (MIRA 17:3)

1. Iz laboratorii biokhimii (zav. - prof. Ya.Kh. Turakulov) Instituta krayevoy eksperimental'noy meditsiny AN UzSSR.



ZAKHIDOV, A.Z.; NAZYROVA, V.Ye.

Fluorine content of water sources in Uzbekistan. Gig. i san. 24 no.5: 64-65 My '59. (MIRA 12:7)

1. Iz Uzbekskogo nauchno-issledovatel'skogo sanitarnogo instituta.
(WATER SUPPLY,
natural fluorine content in Russia (Rus))
(FLUORINE,
in water, natural levels in Russia (Rus))

NDOJAJ, GJ: BABOSHIN, V.

"Petrography of ultrabasic rocks of Northeastern Albania"

Buletin. Seria Shkencat Natyrore. Tirane, Albania. Vol. 11, no. 2, 1957

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

NDOJAJ, L.

"Sulfur from Kerisht"

Buletin. Seria Shkencat Natyrore. Tirane, Albania. Vol. 12, no. 3, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

NDOJAJ, L.

"Origin of sulfur from Kercisht"

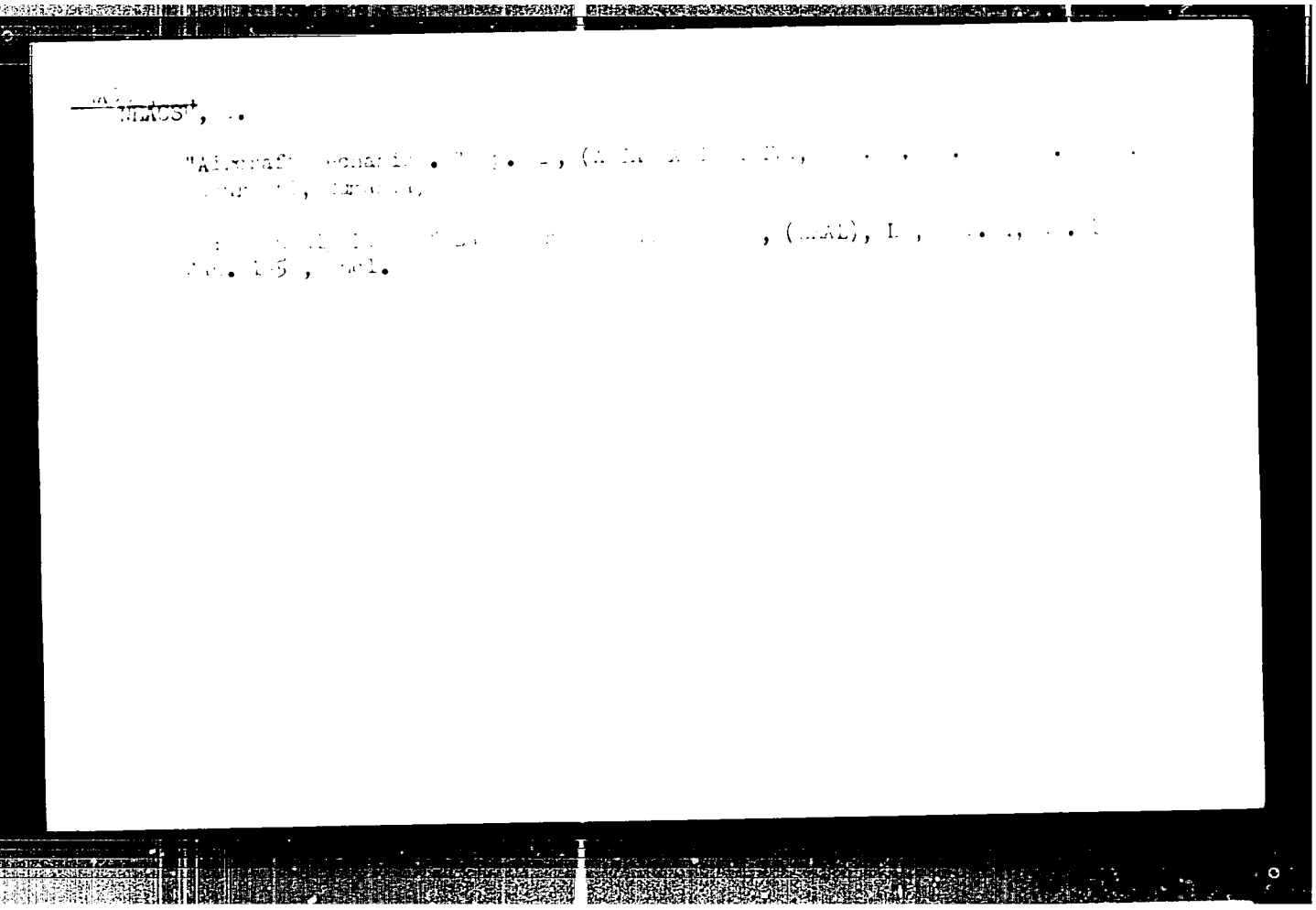
Buletin. Seria Shkencat Natyrore. Tirane, Albania. Vol. 12, no. 4, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. -, No. 6, Jun 59, Unclas

CERNEA, P., dr.; BERINZON, H., dr.; NEACSU, Antoaneta, dr.

Oculopalpebral dyssynergia. Neurologia (Bucur) 10 n.o.2:143-148 Mr-Ap'65.

1. Lucrare efectuata in Spitalul Clinic al Ministerului Transporturilor si Telecomunicatiilor, Iasi.



POTOP, I.; NEACSU, C.; BINER, J.; MREANA, G.

The electrophoresis of proteins and lipoproteins in tumor-carrying rats under the influence of thymus fractions. Rev. sci. med. 5 no.1/2: 83-87 '60.

(NEOPLASMS blood) (BLOOD PROTEINS)
(LIPOPROTEINS blood) (THYMUS GLAND extracts)

SERBAN, M.D. Al.; STATESCU, L.; NEACSU, C.

The action of chorionic gonadotrophin on P32 uptake at the level of the uterus in castrated and adrenalectomized animals. Rev. sci. med. 5 no.3/4:245-249 '60.
(GONADTROPINS CHORIONIC pharmacol.)
(PHOSPHORUS metabolism) (UTERUS metabolism)
(CASTRATION experimental) (ADRENALECTOMY experimental)

NL

SURNAME (In caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: Institute of Endocrinology, Bucharest. Director: St. MILCU

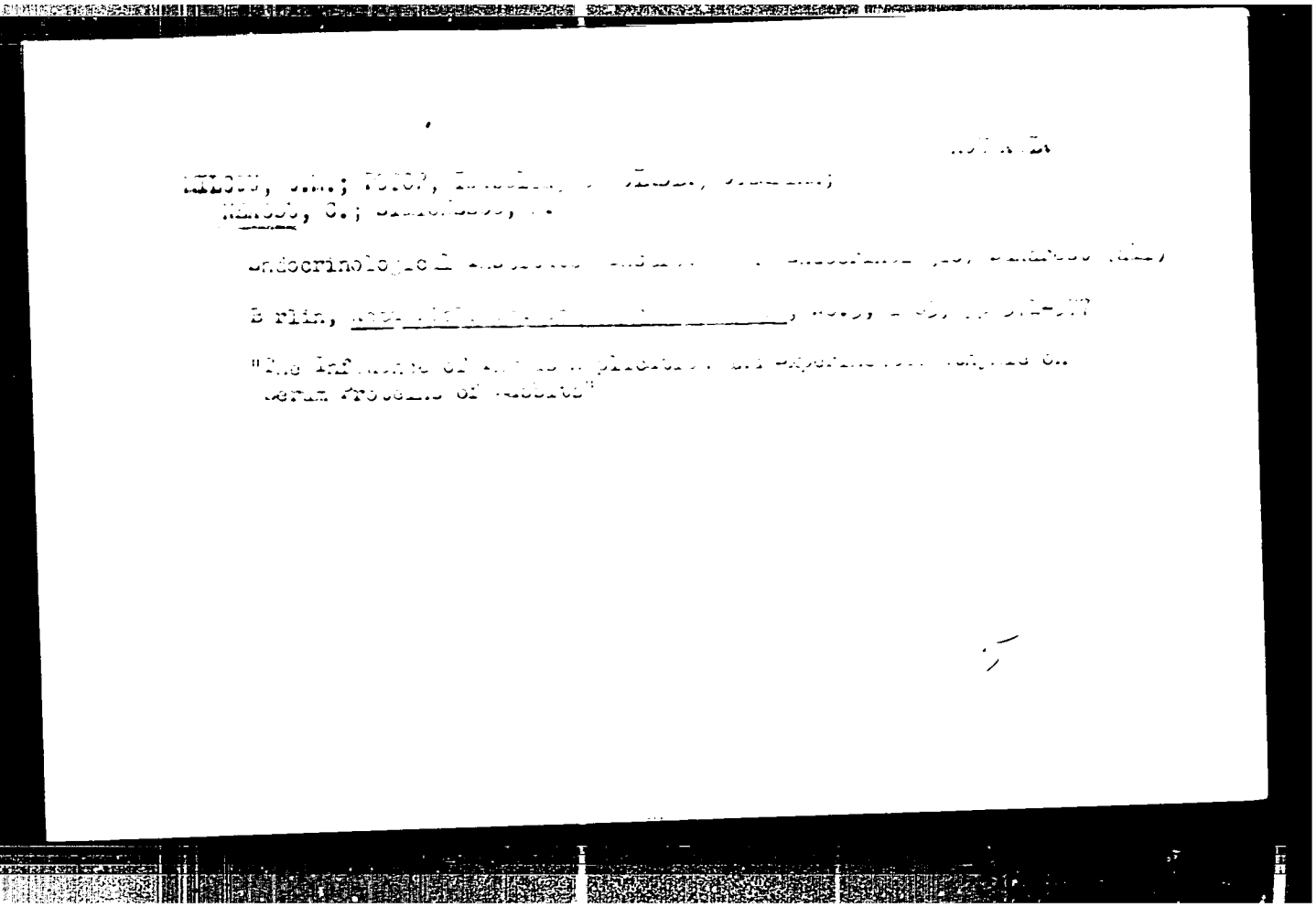
Source: Berlin, Acta Biologica et Medica Germanica Vol VI, No 5, (1961), pp 482-4 99.

Data: Effects of an Aldosterone-antagonist (SC-8109) on Radio-Sodium (Na^{22}) Metabolism in Rats with Hypothalamic Lesions.

Authors: A. LUPULESCU
Al. NICOLESCU-CATARGI
C. NEACSU

NEACSU, C.; IOANITIU, D.; KIM-HO-YUN

Changes in protein metabolism in experimental hyperthyroidism and hypothyroidism in rats. Stud. cercet. endocr. 13 no.5:655-661 '62.
(HYPERTHYROIDISM) (HYPOTHYROIDISM) (PROTEIN METABOLISM)
(BLOOD PROTEIN ELECTROPHORESIS)



NEACSU, C.; SERBAN, Al. M.D.; JUVINA, Elena; STATESCU, L.

Contributions to the study of cerebral metabolism under hormone influence. Comunicarile AR 13 no.1:95-102 Ja '63.

1. Comunicare prezentata de academician St.-M. Milcu.

POTOP, Izabela; MREANA, Georgeta; NEACSU, C.

The influence of some hormones and hormone extracts on the uptake of P-32 in the brain, studied from the phylogenetic aspect. Rev. [illegible] ed. P no.3/4:163-166 '63.

(BIRDS (POULTRY) (BRAIN) (METABOLISM)
(PHOSPHORIC ISOTOPES) (ADENOSINE TRIPHOSPHATE)
(THYROXIN)

NEACSU, C., ing ; TALIB, F., ing

Contributions to the study of the influence of the disincrusting degree on the refining behavior of coniferous sulfate pulp from coniferous wood. Cel hirtie 13 no.11 p. 406-413 N-D '64.

[redacted], T.

The care for workers at the Klement Gottwald factory. [illegible]

ELECTROTEHNICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Energiei Electrice si Industriei [illegible], Bucuresti, Rumania. Vol. [illegible], no. 12, Dec. 1958.

Monthly List of East European Accessions (EEAI) LC Vol. [illegible], No. [illegible], June 1[illegible].
Uncl.

NEACSU, O.

A milling device for toothing by the method of mechanical reproduction of the gearing on universal milling machines. p. 54.

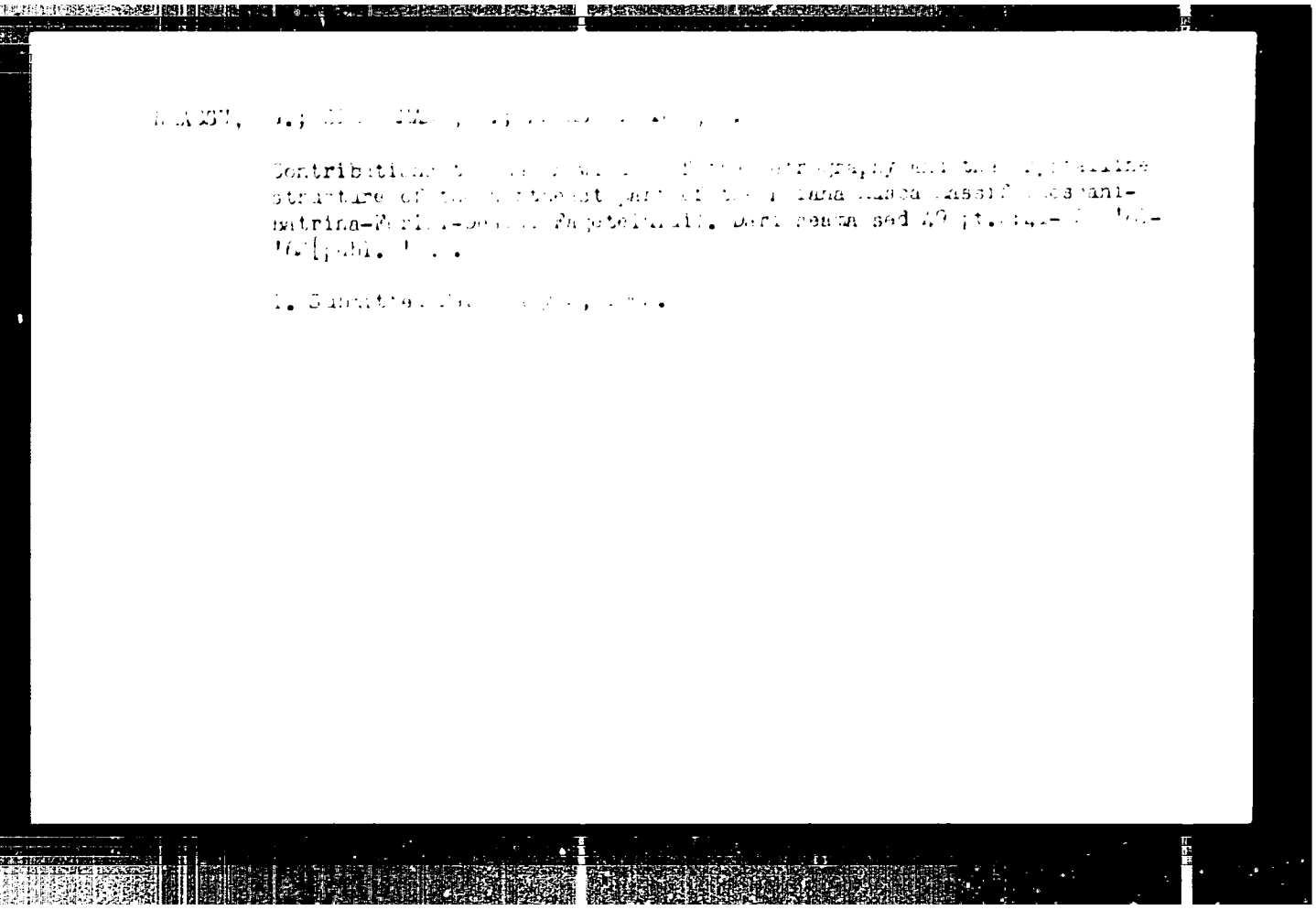
METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Technicienilor din Romania) Bucuresti, Romania. Vol. 11, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

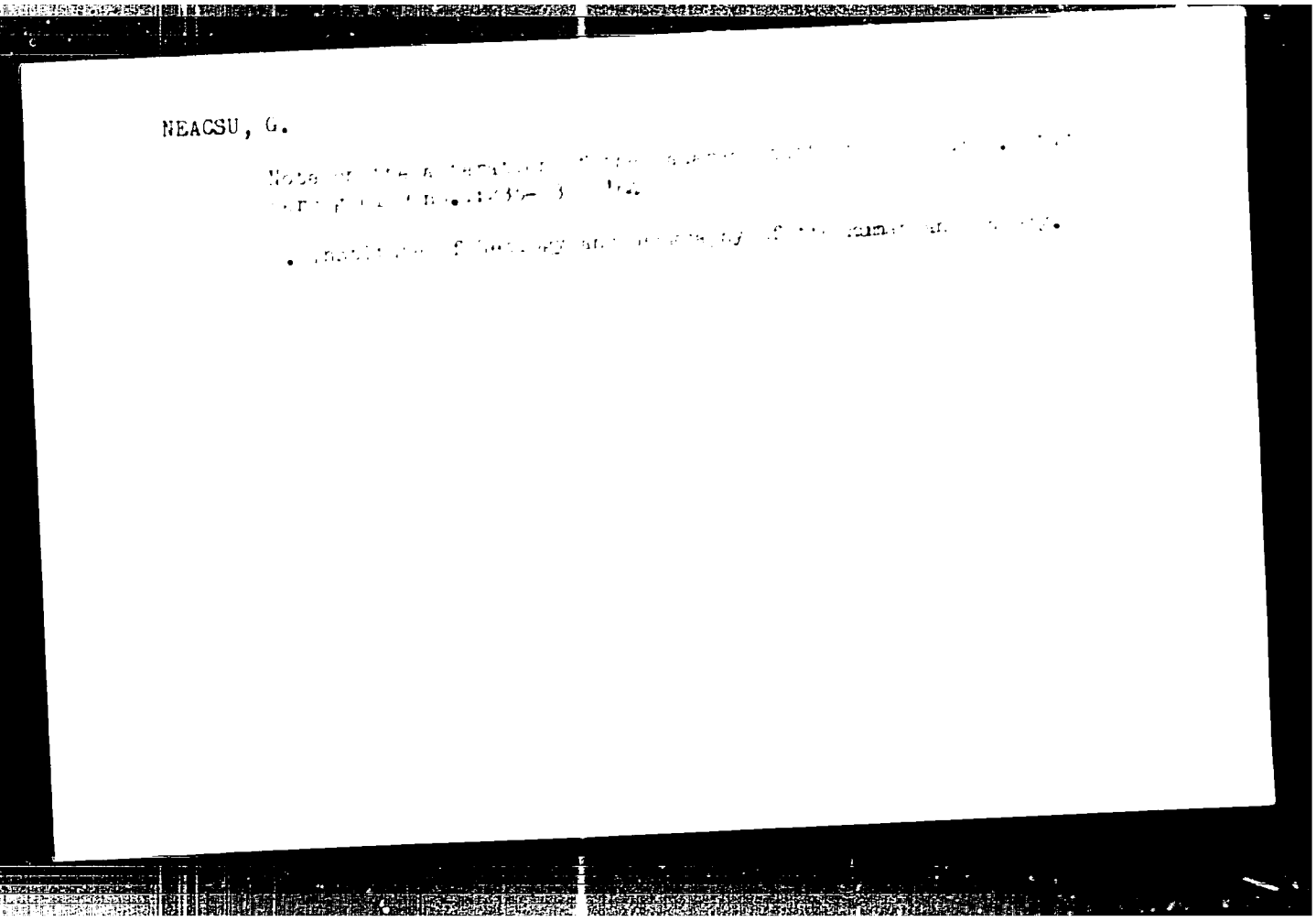
NEACSU, G.

Contributions to the knowledge of the Pinvova (Bara
bentonites. Dari seama sed 46: 13-24 '58/59 [publ.

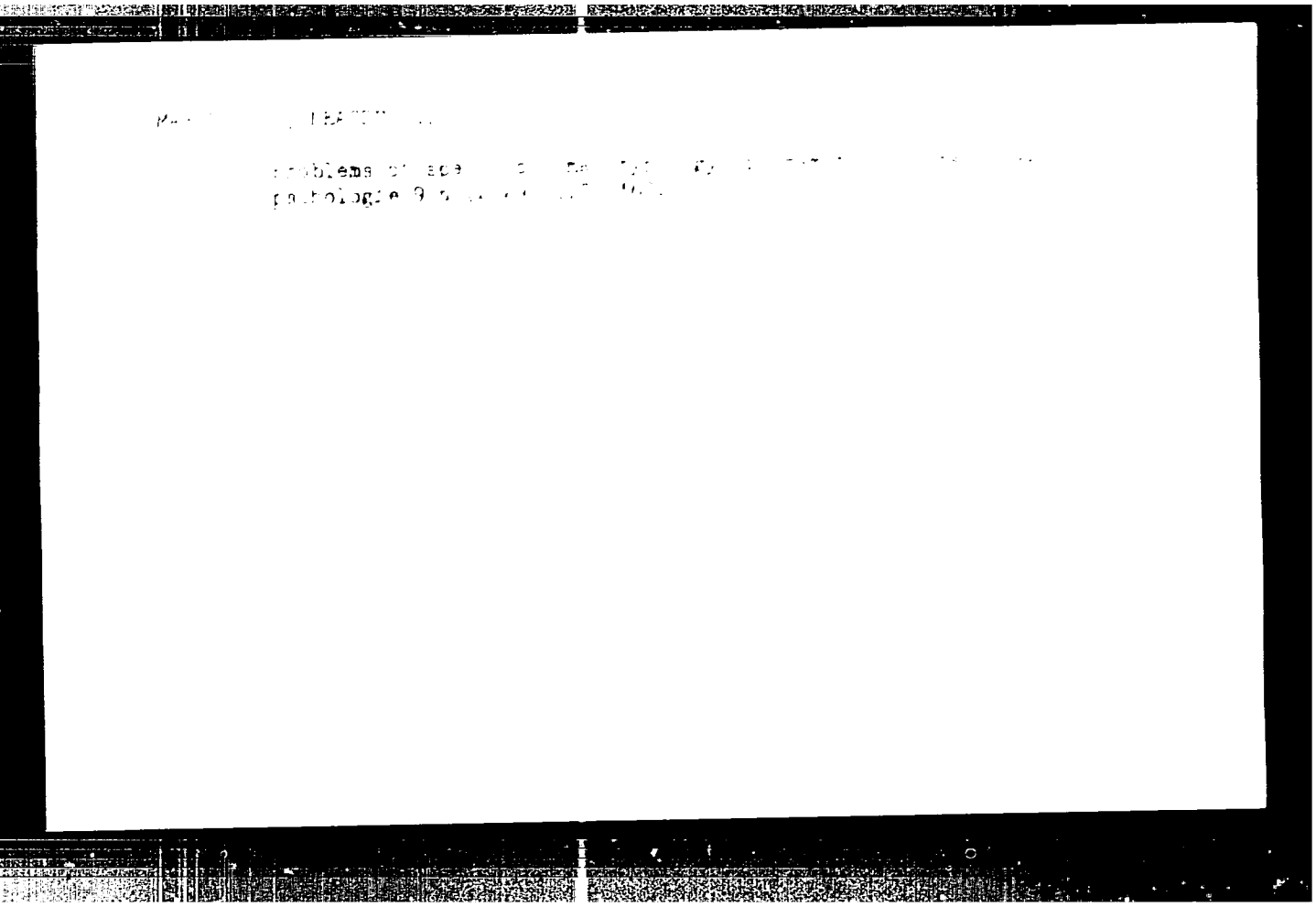


NEACSU, G.; BARA, N.

Some ultrabasic rock transformed products from Pirvova-Lapusnicel-Sumita (Banat). Dari seama sed 46:[illegible]
158/59 [publ. 1[illegible]].



NEACSU, G.

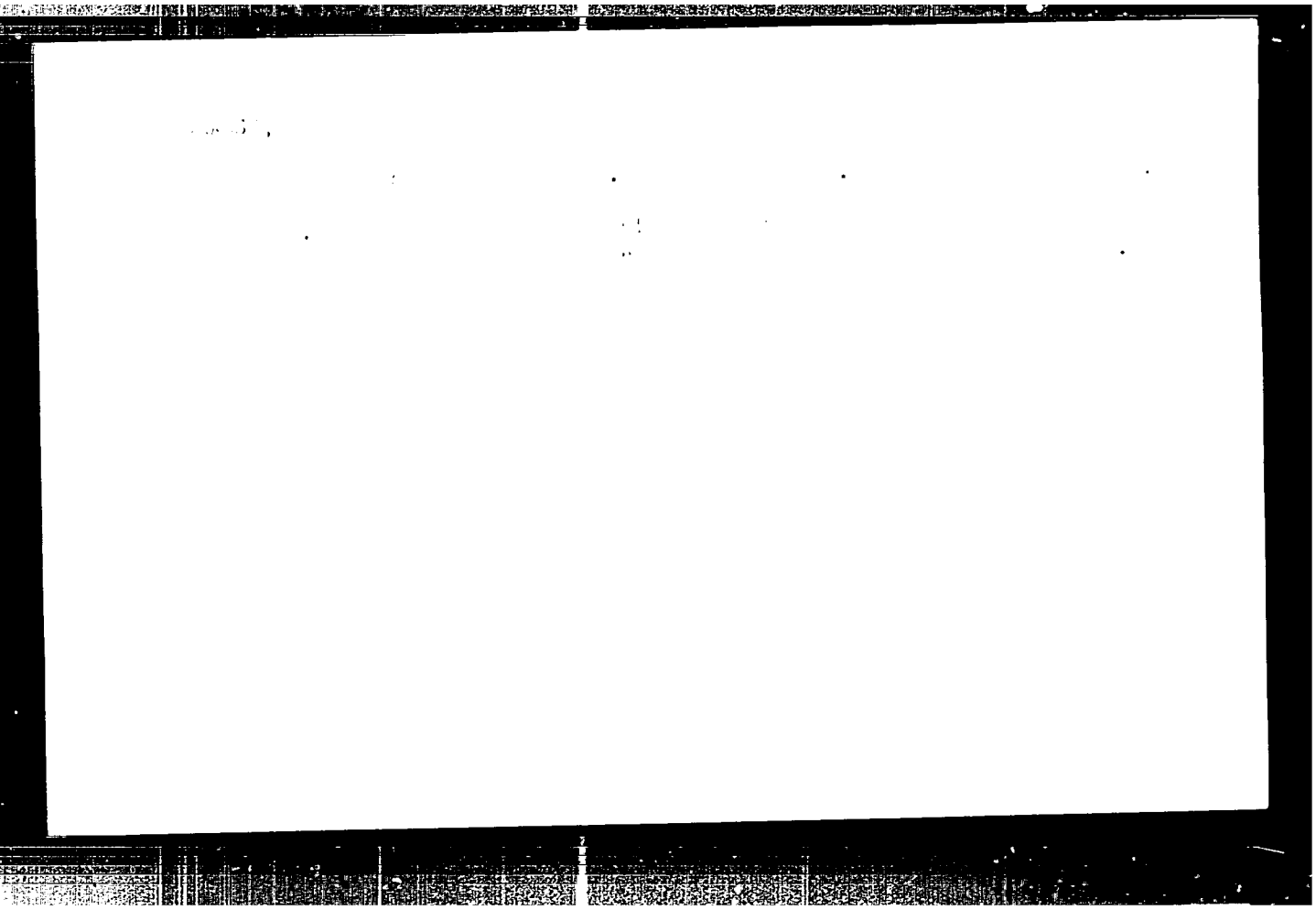


AVU, H.; MEACSI, Gh.

Neocene volvanism in the Carand Basin (Apuseni Mountains).
Dari seama sed 47:345-360 '59/60 (Publ. '62).

NEACSU, Gh.; MARCUS, S.

Manifestations of special typological peculiarities in actors during the process of creation. Rev psihologie 9 no.3:429-446 '63.



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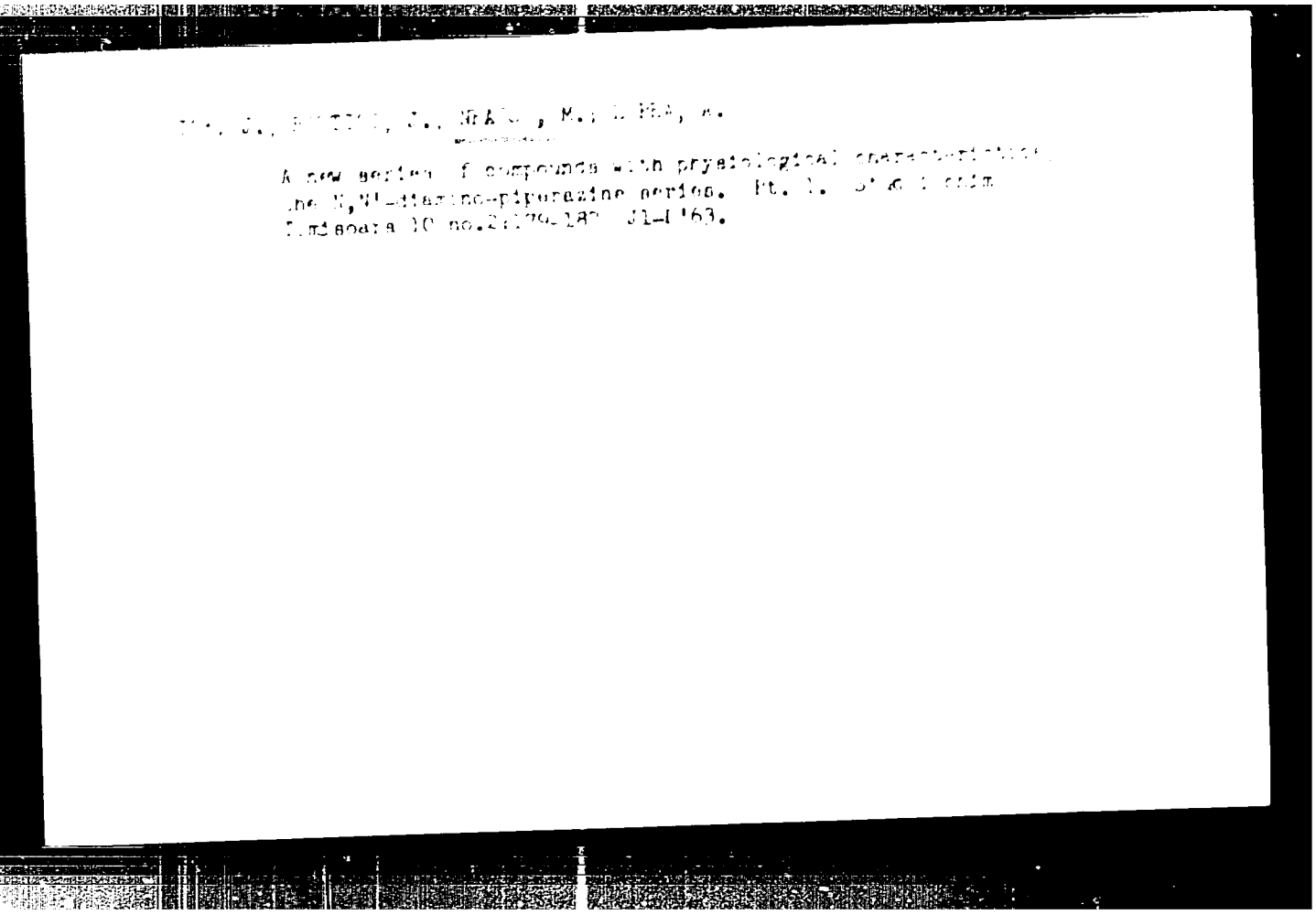


CREANGA, C.; NEACSU, P.

Rumanian crude oils. Note V. Crude oils of the Babeni-Oltenia structure. Note VI. Crude oils of the Meotian oil-field area of Pitesti. Studii cerc chim 9 no.2:275-306 '61.

1. Laboratorul de chimia titeiului, Institutul de petrol, gaze si geologie, Bucuresti.

(Rumania—Geology) (Rumania—Oil fields)

[illegible], F. (Bucuresti)

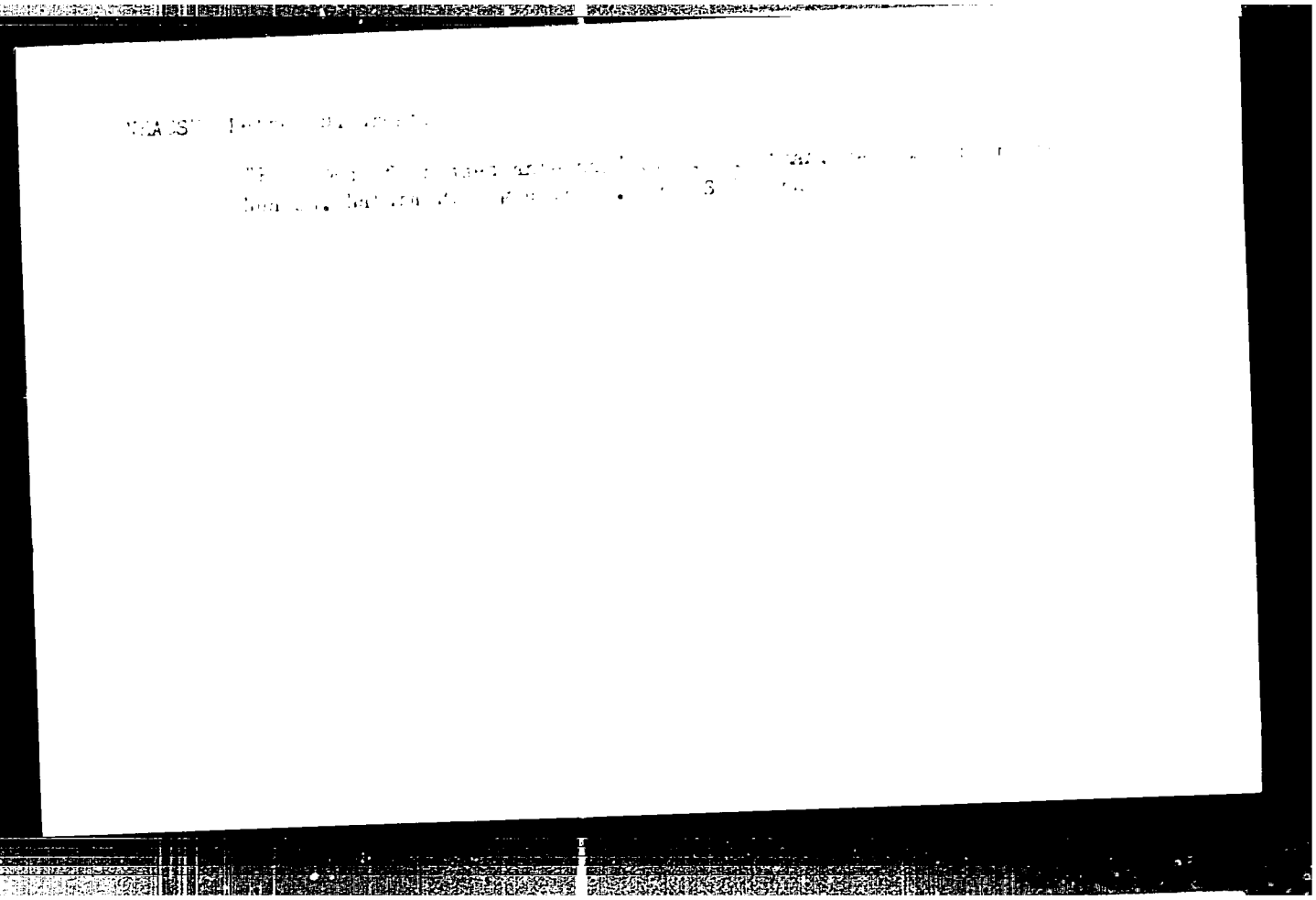
"Animals in the service of science" by N. [illegible]. Reviewed [illegible].
Neagu. Natura Biologie 16 no.2:92 Mr-Ap '64.

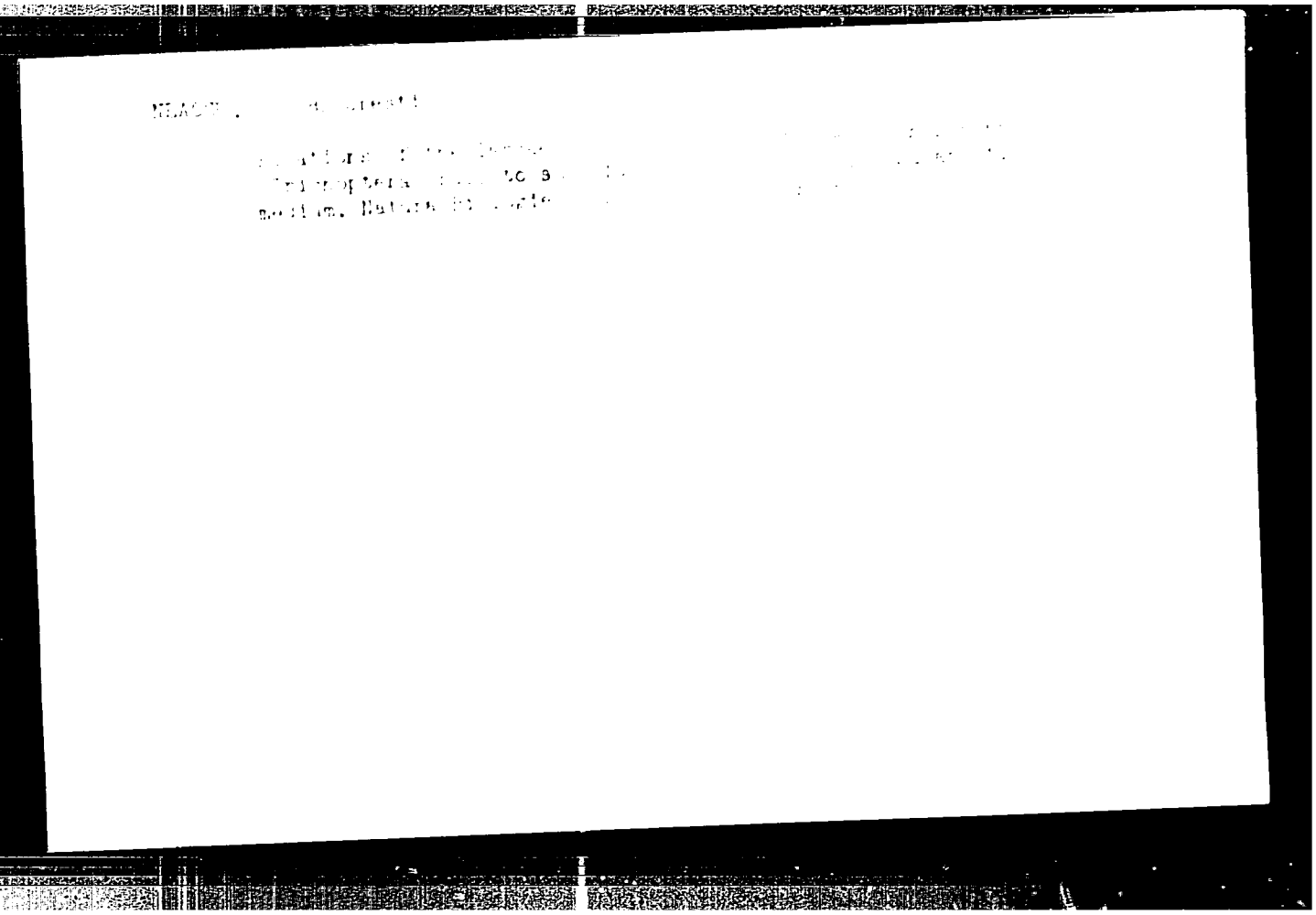
APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00113[illegible]

CREANGA, C.; DIMITRESCU, F.; NEGRESCU, V.; CARAIANI, V.; NEACSU, P.; RADULESCU, S.

Rumanian crude oil in the "Carpatica" classification.
Rev chimie 7 no. 1: 111-126 '56.

1. Chaire de Chimie du Petrole Institut de Petrole, de Gaz et de Geologie Bucarest.





OLARU, A.; BUTTNER, [illegible] Florica;
Collaboration [illegible]
[illegible]EANU, [illegible]

Research on an anaer[illegible] preliminary data [illegible] experimental [illegible] immunization with a [illegible] and purified gangrenous [illegible] Arch. roum. path. exp. micro[illegible]

1. Laboratoire de la [illegible] 2. Laboratoire de [illegible] Kranzdorf [illegible] Travail de l'Institut [illegible] Bucarest.

COUNTRY : Rumania
CATEGORY : S-6

ABS. JOUR. : RZhBiol., No. 21 1959, No. 95357

AUTHOR : Nastase, G., Costea, V., Carnial, M., Marculescu, D., and Beaga, V.
INST. : Not given
TITLE : Occupational Dermatoses in the Leather Industry

ORIG. PUB. : Rev Med-Chirurg IPN, 62, No 2, 245-249 (1958)

ABSTRACT : Occupational dermatosis (folliculitis, erythema, strong itches) were diagnosed in 51.24% of those examined in the course of a recent medical examination of the workers in the leather industry and in one shoe factory. The overwhelming majority of those examined were employed in the vegetable and mineral tanning shops. Occupational dermatosis was less frequently encountered in workers engaged in shoe production and took a lighter aspect in all cases (blisters, cracks, hyperkeratosis of the palms, atrophy of the nails, pigmentation, etc.). The wearing of protective clothing and the implementation of a systematic sanitary education program are recommended.

B. Shumskaya

CARD: 1/2

CARD: 2/2

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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00113

F

RUMANIA/Laboratory Equipment. Instrumentation.

Abs Jour: Ref Zhur-Khim., No 8, 1959, 27206.

Author : Neaga, V. G. and Antonescu, V. I.
Inst : Iasi University. Lab for Atomic + Nuclear Phys.
Title : A New Method for Vacuum Measurements: The Electroacoustic Vacuum Meter.

Orig Pub: An Stiint Univ Iasi, Sec I, 3, No 1-2, 281-28? (1957) (in Rumanian with summaries in French and Russian)

Abstract: The authors describe a method and apparatus for the measurement of pressures in the range 5-750 mm Hg, based on the reduction in sound pressure accompanying a reduction in the gas pressure. The transducer for the manometer consists of a glass bulb containing a piezoelectric [crystal] microphone and an audio frequency (50 cycles)

Card : 1/2

NEAGA V

RUMANL./Nuclear Physics - Cosmic Rays.

Abs Jour : Ref Zh. Fizika, N ., 19.., 53.

Author : Ma.., V., Bi..., D., ..., V., Neaga V.

Inst : -

Title : The Problem of the Second Maximum in the Transition Curve of Cosmic Radiation (Preliminary Report).

Orig Pub : St..ii si cercetari ..., Acad. RPR Fil. ..., Fiz. si ... 195. 8, N 2, 19.-..

Abstract : No abstract.

Card 1/1

- 2 -

MEAGA, V.; ANTONESCU, V.

Construction of a device for the automatic recording of electric conductivity of the air. p. 389.

STUDII SI CERCETARI DE FIZICA. (Academia Republicii Populare Romîne. Institutul de Fizica.) Bucuresti, Rumania. Vol. 9, no. 3, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

RUMANIA/Electronics - Vacuum Technique.

Abs Jour : Ref Zhur Fizika, No 12, 1959, 27947

Author : Neagu, V.G., Antonescu, V.I.

Inst :

Title : Electroacoustic Method of Measuring Vacuum

Orig Pub : Studii si cercetari fiz. Acad. RPR, 1958, 9, No 3, 391-395

Abstract : Description of an electroacoustic vacuum meter for the measurements of pressures ranging from 5 to [illegible] mm mercury. Within the measuring volume, a membrane is used to excite acoustic vibrations, which are registered by a piezoelectric microphone. The electric diagram of the instrument is given. From the fundamental equations of acoustics, a formula is derived for the calibration curve, which agrees with experiment within 2 or 3%. To proceed to measurement of lower pressures, a frequency of 2,000 cycles is

Card 1/2

NEAGA, Vadim Gh.; NEAGA, Veronica V.

On the methods of obtaining the images of objects; thermography. Studii fiz tehn Iasi 10 no.2:219-224 '59. (EEAI 9:9)

1. Universitatea "Al.I. Cuza," Laboratorul de fizica atomica.
(Photography)

NEAGA, Vadim Gh.; NEAGA, Veronica V.

On the methods of obtaining the images of objects; thermography. Studii fiz tehn Iasi 10 no.2:219-224 '59. (EEAI 9:9)

1. Universitatea "Al.I. Cuza," Laboratorul de fizica atomica.
(Photography)

STERESCU, M.,; MAIER, H.,; MEAGOE, A.,; MIHAILA, O.

Effects of primary functional disorders of the CNS on biliary secretion. Probl. ter., Bucur. Vol 1:275-294 1954.

(CENTRAL NERVOUS SYSTEM, diseases
funct. disord., eff. on biliary secretion in dogs)
(BILE
secretion, eff. of funct. disord. of CNS, in dogs)

MIRZA, A.; TULEA, E.; SCHNEIDER, Fr.; MEAGOE, D.

Aspects of the biochemistry of the stimulogenic action of L-glutamic acid and gamma-aminobutyric acid on interoceptors. Stud. cercet. fiziol. 10 no.3:281-289 '65.

MEAGOE, N.

"Results of sowing resiniferous trees in large furrows in nurseries in the Vrancea Mountains". p. 143, (REVISTA PADURILOR, Vol. 69, No. 3, Mar. 1954, Bucuresi, Rumania)

SO: Monthly List of East European Accessions, (EEAI), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

ZALMAN, Maria, V.; FRASINEL, N.; NEAGOE, N.

Phagocytosis of pathogenic staphylococci under the action of antibiotics. Arch. roum. path. exp. microbiol. 22 no.4:919-930 S-D'63.

1. Travail de l'Institut Medico-Pharmaceutique de Timisoara; Chaire de Microbiologie.