PITSYK, I.M.

Screw conveyor for supplementary mixing of lime mortars and preparation of lime-gypsum mortars. Rats. i izobr. predl. v stroi. no.86:11-15 '54. (MLRA 8:8)

1. Grazhdanstroy tresta Krivorozhstroy
(Plastering) (Conveying machinery)

PITSKHELAURI, Ye.N.; SEMIOKHIN, I.A.; KOBOZEV, N.I.

Hydrogen-oxygen interaction in a silent electric discharge. Part 2: Effect of the specific energy and duration of the experiment. Zhur.fiz.khim. 35 no.10:2383-2386 O '61. (MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Electric discharges through gases) (Hydrogen) (Oxygen)

BRAYKO, V.D.; GOROMOSOVA, S.A.; PITSYK, G.K.; FEDORINA, A.I.

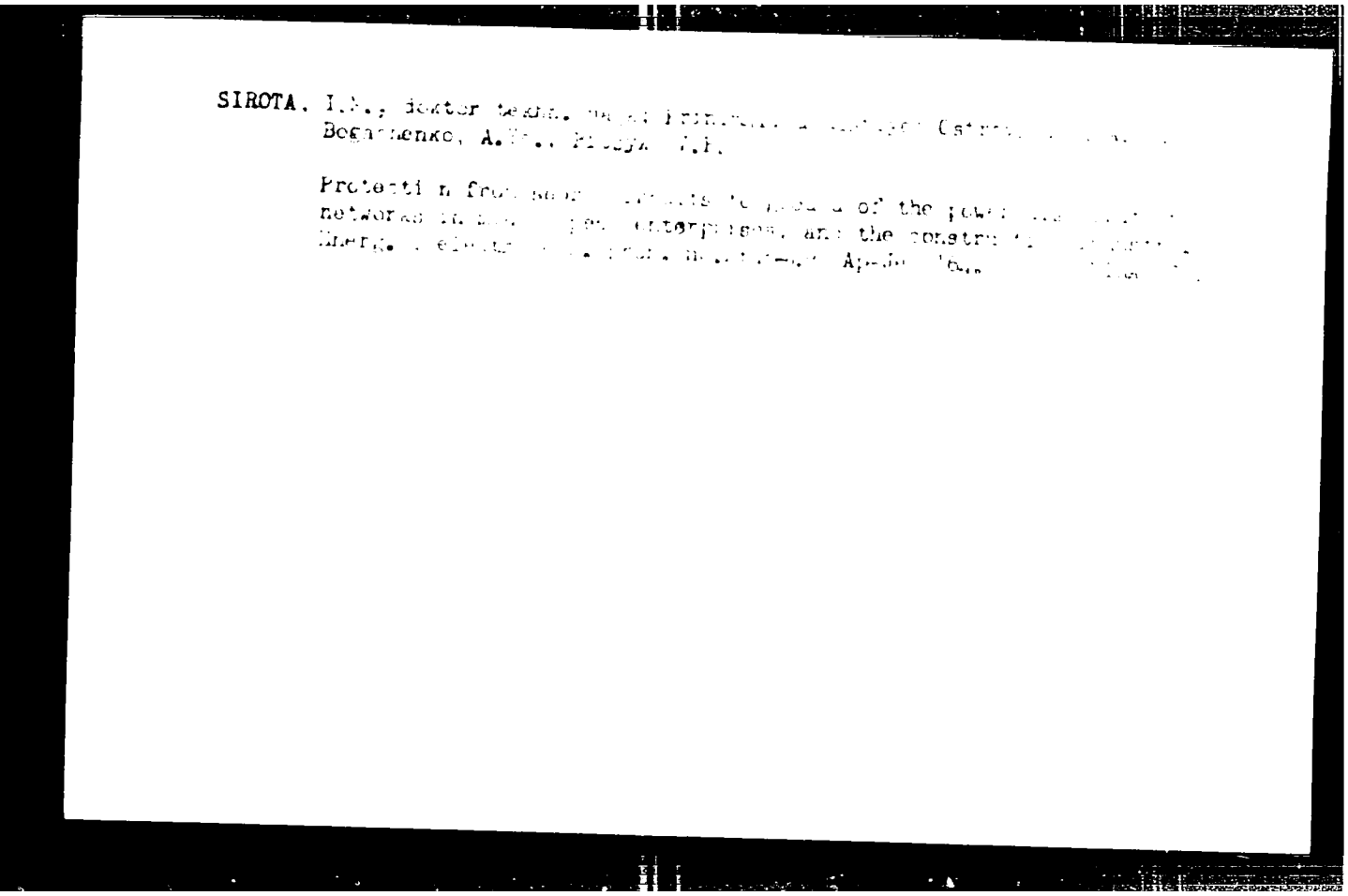
Dynamics of zooplankton in the Black Sea according to observations made during 1956-1958. Trudy Azchernirо no.18:29-49 '60. (MIRA 14:10)

(Black Sea—Zooplankton)

PITSYK, I.M.; PURYGIN, L.Ye.

Construction of a large sintering plant in Krivoy Rog. Prom. stroi. 39 no.10:31-32 O '61. (MIRA 14:10)

1. Trest Krivorozhyuzhmetallurgstroy.
(Krivoy Rog--Metallurgical plants)



SIROTA, I.P., doktor tekhn. nauk; [illegible]
Bogatchenko, A.P., Plyuta, I.P.

Protection from [illegible] of the power [illegible]
networks [illegible] enterprises, and the construction [illegible]
[illegible] Apatity. [illegible]

5(4)
AUTHORS: Yastrebov, V. V., Pitszhelauri, Ye. N., Kobozev, N. I.

SOV/76-33-6-7/44

TITLE: Physical Chemistry of Concentrated Ozone (Fiziko-khimiya kontsentrirovannogo ozona).
VI. Explosion Susceptibility of Ozone-Oxygen Solutions With Respect to Thermal Impulses (VI. Vzryvnaya chuvstvitel'nost' ozono-kislorodnykh rastvorov po otnosheniyu k teplovym impul'sam)

PERIODICAL: Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 6, pp 1209-1213 (USSR)

ABSTRACT: An investigation was carried out of the explosion susceptibility (ES) of liquid ozone - oxygen (I) mixtures (with 15 - 90% ozone) with respect to heat impulses by the method of electric ignition. The (I) mixtures in different concentrations were melted in glass ampoules, in which tungsten wires were introduced by a special procedure. Two series of experiments were made (with higher concentrated mixtures (with respect to ozone) and smaller sampling quantities on the one hand, and experiments with low concentrated mixtures and larger sampling amounts (up to 150 cm^3) on the other), which differed somewhat as to the working technique. For each experimental series, determination was made of the two values (burning energy of the wire, and the Joule heat liberated with the current passage through the

Card 1/2

Physical Chemistry of Concentrated Ozone. VI. Explosion Susceptibility of Ozone-Oxygen Solutions With Respect to Thermal Impulses SOV/76-33-6-7/44

wire). Seven experimental series were carried out, five of which under laboratory conditions, and two on a larger scale. Experimental data for each of these series are given separately (Table 1) as well as data concerning the (ES) with respect to the different thermal impulses (Table 2). Results show that the (ES) of ozone drops sharply with dilution by oxygen. The explosion limit is set at the ozone concentration c (in wt%), in which the thermal impulse exhibits a lower energy E (in cal) than would be required on the strength of equation E = 186 exp (- c/6.9). There are 1 figure, 2 tables, and 3 references, 2 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

SUBMITTED: September 5, 1957

Card 2/2

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. (Part 1) Processes and Apparatuses of Chemical Technology. H

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, No. 35121

Author : Pittauer, Svatopluk
Inst : Not given
Title : A General Method of Calculation of Heat Exchangers in the Sugar Industry

Orig Pub : Listy cukrovarn., 1958, 74, No 3, 61-64

Abstract : Equations for the determination of the heat transfer coefficient, of the heating surface, and of the final temperature of the liquid in the heat exchanger, are given. The heat carrier was subjected to constant and to variable temperatures. -- R. Terekhin

Card 1/1

PITTEL', B.G.

Asymptotic properties of one variation of Moore's game.
Probl. peredi. inform. 1 no.3:99-112 '65. (MIR 18:11)

PITTEL', B.G.

Use of the small-parameter method in solving a dynamic stability problem. Metod. vych. no.1:66-75 '63. (MIRA 16:8)

(Dynamics) (Differential equations)

[illegible]L', B.G. (Leningrad)

Some problems of optimum control. Avtom. i telem. 24 no.7: 1187-1201 S '63. (MIRA 16:9)
(Automatic control)

PITTER, Jaroslav; RUBES, Rudolf

Radio-surgical therapy of malignant tumors of the orbit. Cesk. ofth. 16 no.3/4:233-237 My '60

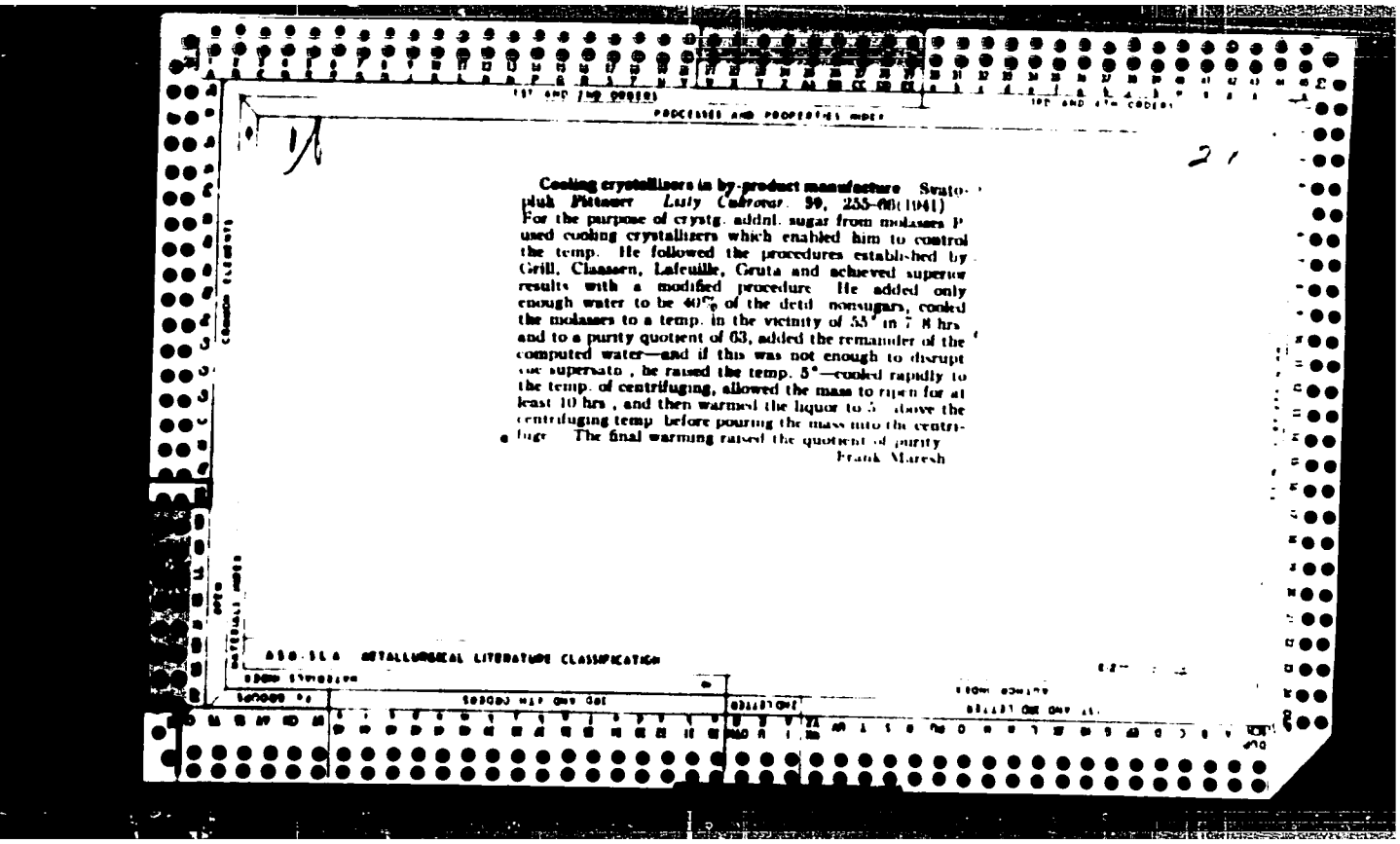
1. Ocni a onkologicke oddeleni krajske nemocnice v Ceskych Budejovicich, primar MUDr. Jaroslav Pitter a primar MUDr. Rudolf Rubes.

(ORBIT neopl.)

PITTER, Pal; ARKOS, Frigyes; HORVATH, Antal; DOMONY, Andras, dr.; LEVARDI, Ferenc, dr.; SELMECI, Bela; FEKETE, Sandor; MARTOS, Ferenc, dr.; MACSAY, Jozsef, okleveles gepeszmernok; TARCZY-HORNOCH, Antal, dr., akademikus, egyetemi tanar; GAGYI PALFFY, Andras, dr.; KICSINDI, Janos, okleveles kohomernok; HEINRICH, Jozsef, okleveles banyamernok

The 1963 general meeting of the Hungarian Association for Mining and Metallurgy. Koh lap 96 no. 6:241-264 Je '63.

1. Chairman, Division of Iron Metallurgy, Hungarian Asscciation for Mining and Metallurgy (for Pitter). 2. Editor-in-Chief, "Kohaszati Lapok" (for Arkos). 3. Secretary, Division Metallurgy, Hungarian Association for Mining and Metallurgy (for Horvath). 4. Editorial board member, "Kohaszati Lapok" (for Domony). 5. President, Hungarian Association for Mining and Metallurgy (for Levardi). 6. Secretary General, Hungarian Association for Mining and Metallurgy (for Selmeci). 7. Head, Auditing Commission, Hungarian Association for Mining and Metallurgy (for Fekete). 8. Head, Medal Commission, Hungarian Association for Mining and Metallurgy (for Martos). 9. Ozd Metallurgical Works, Ozd (for Macsay). 10. Esztergom Machine Tool Factory, Esztergom (for Kicsindi).



Cooking crystallizers in by-product manufacture Svato-pluk Pittner *Listy Cukrovar.* **59**, 255–60(1941) For the purpose of crystg. addnl. sugar from molasses P used cooking crystallizers which enabled him to control the temp. He followed the procedures established by Grill, Claassen, Lafeuille, Geuta and achieved superior results with a modified procedure. He added only enough water to be 40% of the detd. nonsugars, cooked the molasses to a temp. in the vicinity of 55° in 7–8 hrs. and to a purity quotient of 63, added the remainder of the computed water—and if this was not enough to disrupt the supersatn., he raised the temp. 5°—cooled rapidly to the temp. of centrifuging, allowed the mass to ripen for at least 10 hrs., and then warmed the liquor to 5° above the centrifuging temp. before pouring the mass into the centrifuge. The final warming raised the quotient of purity. Frank Maresh

ACCESSION NR: AP4018862 S/0043/64/000/001/0076/0087

AUTHOR: Pittel', B. G.

TITLE: One of the problems of optimal control

SOURCE: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 1, 1964, 76-87.

TOPIC TAGS: space exploration, applied mathematics, satellite orbit, automatic control, high speed control, Pontryagin maximum.

ABSTRACT: This analysis of the problems of optimal control uses the Pontryagin maximum principle to prove a theorem similar to the one on the finiteness of the number of changes in linear optimal variations. A second order equation with two controlled parameters is investigated in detail. An example is given showing that in optimal control problems, variable optimal control is possible. The problem of optimal high-speed control of an object, the motion of which is described by the equation:

$$x^{(n)} + u_n x^{(n-1)} + \ldots + u_2 x^{(1)} + u_1 x = u_0,$$

is considered. Orig. art. has: 3 figures.

Card 1/2

ACCESSION NR: AP4018862

ASSOCIATION: None

SUBMITTED: 10Jul62 DATE ACQ: 23Mar64 ENCL: 00

SUB CODE: AC, SV NO REF SOV: 005 OTHER: 002

Card 2/2

PITTEL', B.G. (Leningrad)

Some problems of optimum control. Part 2. Avtom. i telem. 24 no.11:1441-1453 N '63. (MIRA 16:12)

PITTEL', B.G.; YUZEFOVICH, G.I.

Construction of dynamic instability regions in canonical systems with periodic coefficients. Vest. LGU 17 no.1:89-101 '62.
(MIRA 15:1)
(Differential equations, Linear) (Stability)

33533
S/043/62/000/001/003/009
D299/D303

16 3400

AUTHORS: Pittel', B.G., and Yuzefovich, G.I.

TITLE: Constructing dynamic-instability regions for canonical systems with periodic coefficients

PERIODICAL: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 1, 1, 1962, 89 - 101

TEXT: The canonical system of linear differential equations

$$\frac{dx}{d\tau} = JH(\tau, \varepsilon, \gamma)x \qquad (0.1)$$

is considered, where x is a 2k-dimensional vector and H -- a real symmtrical 2k x 2k matrix-function with period 2π. To equation (0.1) there reduces the equation

$$\frac{d}{d\tau}\left[M(\tau, \varepsilon, \gamma)\frac{dy}{d\tau}\right] + C(\tau, \varepsilon, \gamma)y = 0, \qquad (0.3)$$

frequently met in practice; C and M are real matrix functions. A

Card 1/5

point set is considered in the plane of the parameters ε and γ, for which system (0.3) has unbounded solutions for $\tau \longrightarrow \infty$. The totality of interior points of this set decomposes into regions of "dynamic-instability" which are contiguous to the points $(0, \gamma_0)$, where γ_0 is the critical value of the parameter γ. Formulas are derived for the angular coefficients of the tangents to the boundaries of the instability regions; these formulas are derived for the so-called general case, when the matrices H, M and C are arbitrary functions of the parameter γ. The main result is formulated, for system (0.3), as the theorem: Let γ_0 be the root of equation

$$\omega_j(\gamma) - \omega_h(\gamma) = m, \qquad (1.1)$$

where m is a positive integer; the general case is considered, i.e. from $\omega_{j_1}(\gamma_0) - \omega_{h_1}(\gamma_0) = m_1$ follows $j_1 = j$, $h_1 = h$, $m_1 = m$, and also

$$\frac{d}{d\gamma}(\omega_j - \omega_h)\Big|_{\gamma=\gamma_0} \neq 0 \qquad (1.2)$$

Constructing dynamic-instability ...

The numbers χ are defined by the formulas

$$\chi_{jj} = \frac{1}{2\omega_j}(C_{10}^{(0)} - \omega_j^2 M_{10}^{(0)})u_j, u_j),$$

$$\chi_{hh} = \frac{1}{2\omega_h}(C_{10}^{(0)} - \omega_h^2 M_{10}^{(0)})u_h, u_h),$$

$$\chi_{jh}^{(m)} = \frac{1}{2\sqrt{\omega_j\omega_h}}((C_{10}^{(m)} + \omega_j\omega_h M_{10}^{(m)})u_j, u_h), \qquad (1.3)$$

$$\chi^{(1,2)} = \frac{1}{\frac{d}{d\tau}(\omega_j + \omega_h)}(\pm 2|\chi_{jh}^{(m)}| - \chi_{jj} - \chi_{hh}),$$

where $C^{(k)}$ and $M^{(k)}$ are the Fourier coefficients of the matrices C and M. Assume $\gamma^{(1)} \leq \gamma^{(2)}$. Then the region of dynamical instability

$$\gamma_0 + \gamma^{(1)} + \ldots < \gamma < \gamma_0 + \gamma^{(2)} + \ldots > 0 \qquad (1.4)$$

is contiguous to the point $(0, \gamma_0)$. Corollary: The region of instability will be large if, and only if,

Card 3/5

$$\gamma_{jh}^{(m)} = \frac{1}{2\sqrt{\omega_j \omega_h}} ((C_{10}^{(m)} + \omega_j \omega_h M_{10}^{(m)}) u_j, u_h) \neq 0.$$

This criterion simplifies if M is the unit matrix and C_0 -- a diagonal matrix. The formulas for the angular coefficients χ are

$$\chi^{(1,2)} = \frac{1}{\frac{d}{d\gamma}(\omega_j + \omega_h)} (\pm 2\sqrt{\gamma_{jh}^{(m)}} - \gamma_{jj} - \gamma_{hh}) \quad (1.13)$$

where γ_{jj}, γ_{hh} and γ_{jh} are determined by formulas (1.3). Two examples are considered. First, the differential equations for the vertical oscillations of a double mathematical pendulum which has a spring (instead of the lower bar), are considered:

$$\frac{d^2y}{d\tau^2} + C(\tau, \varepsilon, \gamma)y = 0. \quad (2.1)$$

In the first approximation, the region of instability is $\gamma_0 + \gamma^{(1)}\varepsilon + \ldots < \gamma < \gamma_0 + \gamma^{(2)}\varepsilon + \ldots$ The second example concerns small

Card 4/5

Constructing dynamic-instability ...

transverse oscillations of circular saws, loaded by periodic shearing stresses. Galerkin's method is applied to the differential equations for the oscillations, yielding an infinite system of linear equations with periodic coefficients. The first-approximation formula for the boundaries of the instability region is

$$\theta_0 + \chi^{(1)}{}_2 + \ldots < 0 < \theta_0 + \chi^{(2)}{}_2 + \ldots,$$

where

$$\chi^{(1,2)} = \frac{\theta_0}{2\omega_3^2}\left|c_{33}^{(0)} \pm \left|c_{33}^{(4)}\right|\right| \quad (\chi^{(1)} < \chi^{(2)}), \tag{3.9}$$

θ_0 being the critical frequency of rotation of the disc with saws. The tangens of the angle between the tangents can be computed by the following approximate formula

$$\operatorname{tg}\alpha = \frac{/c_{33}^{(4)}/}{\omega_3\sqrt{4 - p_3}}. \tag{3.10}$$

Hence the interesting conclusion that making allowance for inertia forces not only increases the critical frequency, but also the width of the instability region, compared to the case of a non-rotating disc ($p_3 = 0$). There are 2 figures and 6 Soviet-bloc refs.

Card 5/5

L 11917-66 EWI(d)/EWP(v)/T/EWP(k)/EWP(h)/EWP(l) IJP(c)

ACC NR: AP5028765 SOURCE CODE: UR/0376/65/001/011/1493/1508

AUTHOR: Pittel', B. G.

ORG: Computing Center, Leningrad Division of the Mathematical Institute, AN SSSR, im. V. A. Steklov (Vychislitel'nyy tsentr Leningradskogo otdeleniya Matematicheskogo instituta AN SSSR)

TITLE: Optimal control problem related to minimization of "maximum deviation" type functional

SOURCE: Differentsial'nyye uravneniya, v. 1, no. 11, 1965, 1493-1508

TOPIC TAGS: differential equation, optimal control, FUNCTION THEORY

ABSTRACT: The author considers the system

$$\dot{x} = \left(A + \sum_{i=1}^{r} u_i B_i\right) x, \quad x(0) = x_0, \qquad (1)$$

A, B_i are constant matrices of order n x n, x is an n-dimensional vector of phase variables, $u = (u_1, \ldots, u_r)$ is the vector of controlled functions and u for all t belongs to a given bounded, convex region U of the space E_r. He treats the problem of choosing an admissible control u(t) minimizing the functional

$$J(u) = \sup_{0<t<+\infty} \varphi(x(t)), \quad (\varphi(x) > 0, \ \varphi(0) = 0). \qquad (2)$$

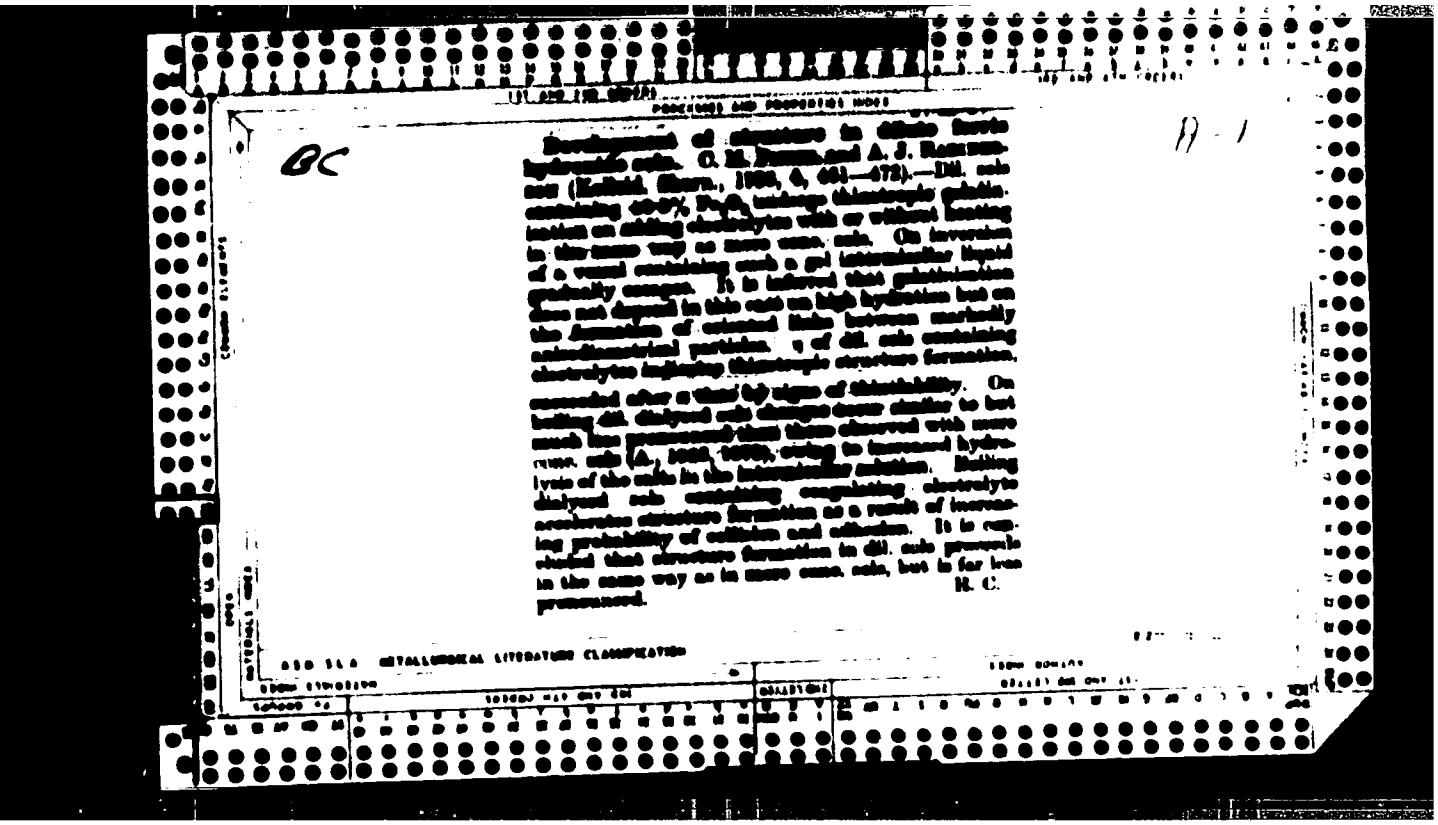
Card 1/2

L 11917-66
ACC NR: AP5028765

Theorems concerning the structure of the optimal control are proven, using a method which reduces this problem to a sequence of optimal control problems with integral functionals. As illustration of the approach, there is considered the case of an n-th order scalar differential equation with a "maximum of modulus of solution" functional. Orig. art. has: 2 figures and 46 formulas.

SUB CODE: 12/ SUBM DATE: 12Mar65/ SOV REF: 007/ OTH REF: 003

Card 2/2

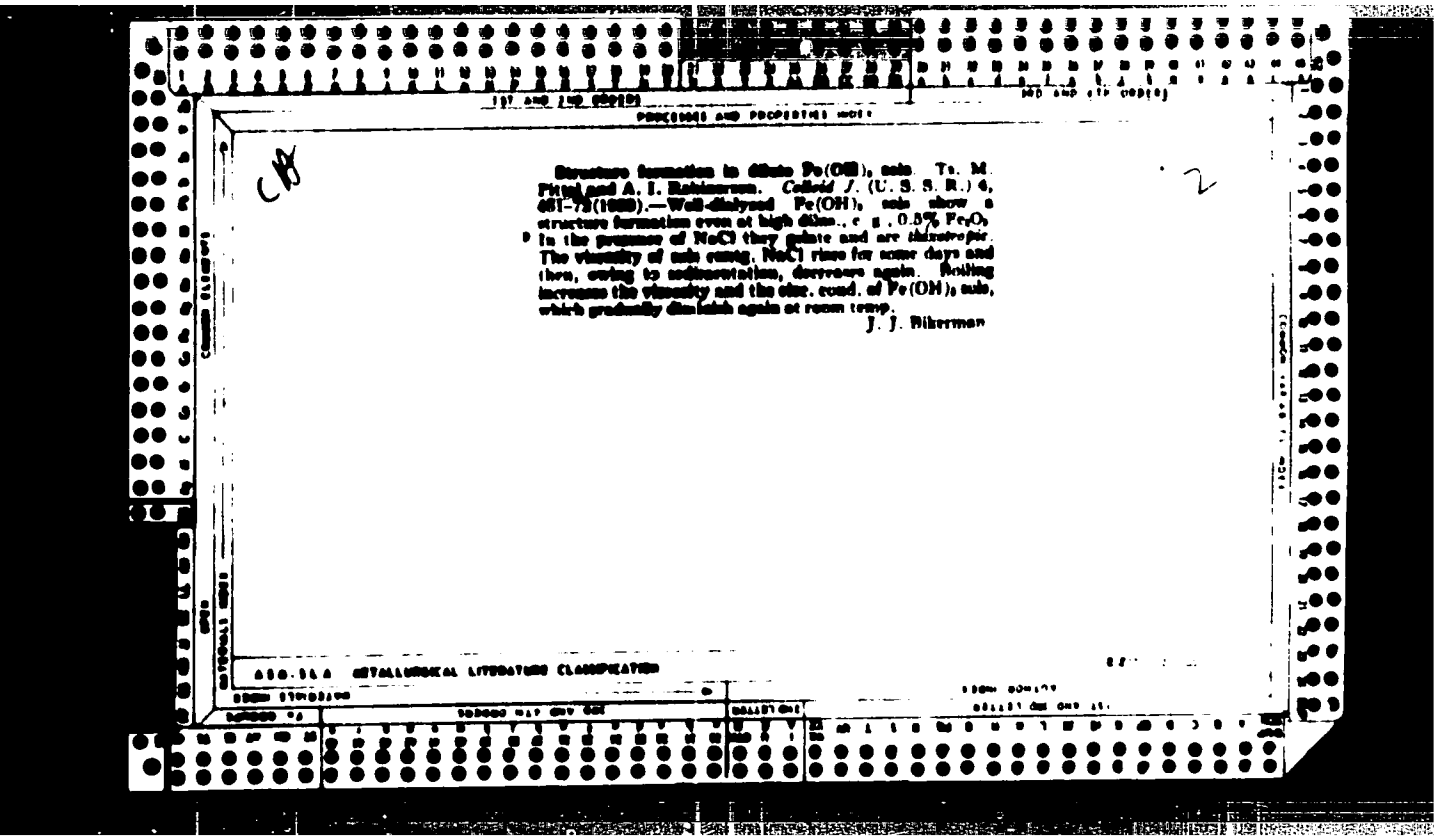


BC

II - 1

Development of structure in dilute [redacted] hydrosols. [redacted] and A. J. [redacted] (Kolloid. Chem., 1938, 4, 461—472).—Dil. sols containing 0·5% [redacted] undergo thixotropic gelation on adding electrolyte with or without heating in the same way as more conc. sols. On inversion of a vessel containing such a gel intermediate liquid gradually emerges. It is inferred that gelation in these sols depends in this case on high hydration but on the formation of oriented links between markedly anisodimensional particles. A dil. sols containing electrolyte beginning thixotropic structure formation, separated after a short lag signs of thixotability. On boiling dil. dialysed sols changes occur similar to but much less pronounced than those observed with more conc. sols (A., 1938, 1070), owing to increased hydrolysis of the salts in the intermicellar solution. Boiling dialysed sols containing coagulating electrolyte produces structure formation as a result of increasing probability of collision and adhesion. It is considered that structure formation in dil. sols proceeds in the same way as in more conc. sols, but is far less pronounced.

R. C.



Structure formation in dilute $Fe(OH)_3$ sols. Ts. M. Pisk and A. I. Rabinerson. *Colloid J.* (U. S. S. R.) 4, 681-75(1938).—Well-dialyzed $Fe(OH)_3$ sols show a structure formation even at high dilns., e. g., 0.5% Fe_2O_3. In the presence of NaCl they gelate and are thixotropic. The viscosity of sols ageing, NaCl rises for some days and then, owing to sedimentation, decreases again. Boiling increases the viscosity and the elec. cond. of $Fe(OH)_3$ sols, which gradually diminish again at room temp.

J. J. Bikerman

PITTER, Ioana

How the membership dues in a Rumanian trade-union branch are collected. Munca sindic 6 no.5:19 My '62.

1. Organizator de grupa sindicala de la brigada complexa din Gospodariile Agricole se Stat, Apoldul de Sus.

1392a PITTER J. Oční Odd. KÚNZ České Budějovice. •Příspěvek k therapii poleptání oka. A contribution to the treatment of chemical burns of the eye ČSL. OFTHAL. 1956, 12/1 (59-64) Tables 2 Illus. 4

The aim of the treatment is to protect the cornea against the products of disintegration and against the formation of symblepharon. Amnion membrane of raw chicken egg is fixed to the bulbar conjunctiva of the injured eye. This membrane has a protective influence and its proteins may have a favourable effect as well as an effect comparable to the biogenic stimulators. Ten cases were treated by this method with very satisfactory results.

Zahn - Prague

VENCLIK, Hynek; PITTER, Jaroslav; SVOBODA, Milan

Periodic exophthalmus. Cesk. ofth. 14 no.3:195-197 June 58.

1. Otolaryngologicke (primar Dr. Hynek Venclik), oftalmologicke (primar Dr. Jaroslav Pitter) a ustredni rentgenove oddeleni (Primar Dr. Milan Svoboda) KUNZ--nemocnice v Ceskych Budejovicich.

(EXOPHTHALMUS
periodic (Cz))
(PERIODICITY
periodic dis. (Cz))

PITTER, J.,dr.

Treatment of caustic burns of the eye. Cesk. oftn. 12 no.1:59-64 Mar 56

1. Z Ocniho oddeleni KUNZ Ceske Budejovice. Prednosta: prim. MUDr. Jaroslav Pitter.

(EYE, wounds and injuries
caustic burns, ther., application of membrane of raw chicken egg.)
(BURNS
caustic burns of eye, ther., application of membrane of raw chicken egg.)

PITTER, Jaroslav; SVOBODA, Milan

Pneumo-orbitography in the diagnosis of orbital tumors. Cesk.ofth. 11 no.4-5:295-297 1955.

1. Z ocniho oddeleni (primar Dr J.Pitter) a z ustredniho roentgenoveho oddeleni (primar Dr M.Svoboda) KUNZ nemocnice v Ceskych Budejovicich
(ORBIT, neoplasms
diag., x-ray, pneumo-orbitography)

PITTER, Jaroslav, MUDr.; RUBES, Rudolf, MUDr.

Radiation therapy in ophtalmology. Cas. lek. cesk. 94 no. 32:877-882 29 July 55.

1. Z ocniho oddeleni KUNZ v Ces. Budejovicich, primar MUDr. Jaroslav Pitter a z onkologickeho oddeleni KUNZ v Ces. Budejovicich, primar MUDr. Rudolf Rubes.

(EYE, diseases
ther., radiation.)
(RADIOTHERAPY, in various diseases
eye dis.)

PITTER, Jaroslav, MUDr

Glassblowers' cataract, its pathogenesis and prevention. Cask. ofth. 10 no.3:161-166 Je '54.

1. Z ocního oddelení KUNZ Ceske Budejovice. Primar MUDr Jaroslav Pitter.

(CATARACT,
*glassblowers', pathogen. & prev.)

PITTER, Jaroslav; LOUCKA, Vladimir

The outcome of retrobulbar neuritis from the viewpoint of disseminated cerebrospinal sclerosis from 10 years of experience. Cesk. ofth. 17 no.4/5:269-274 Jl '61.

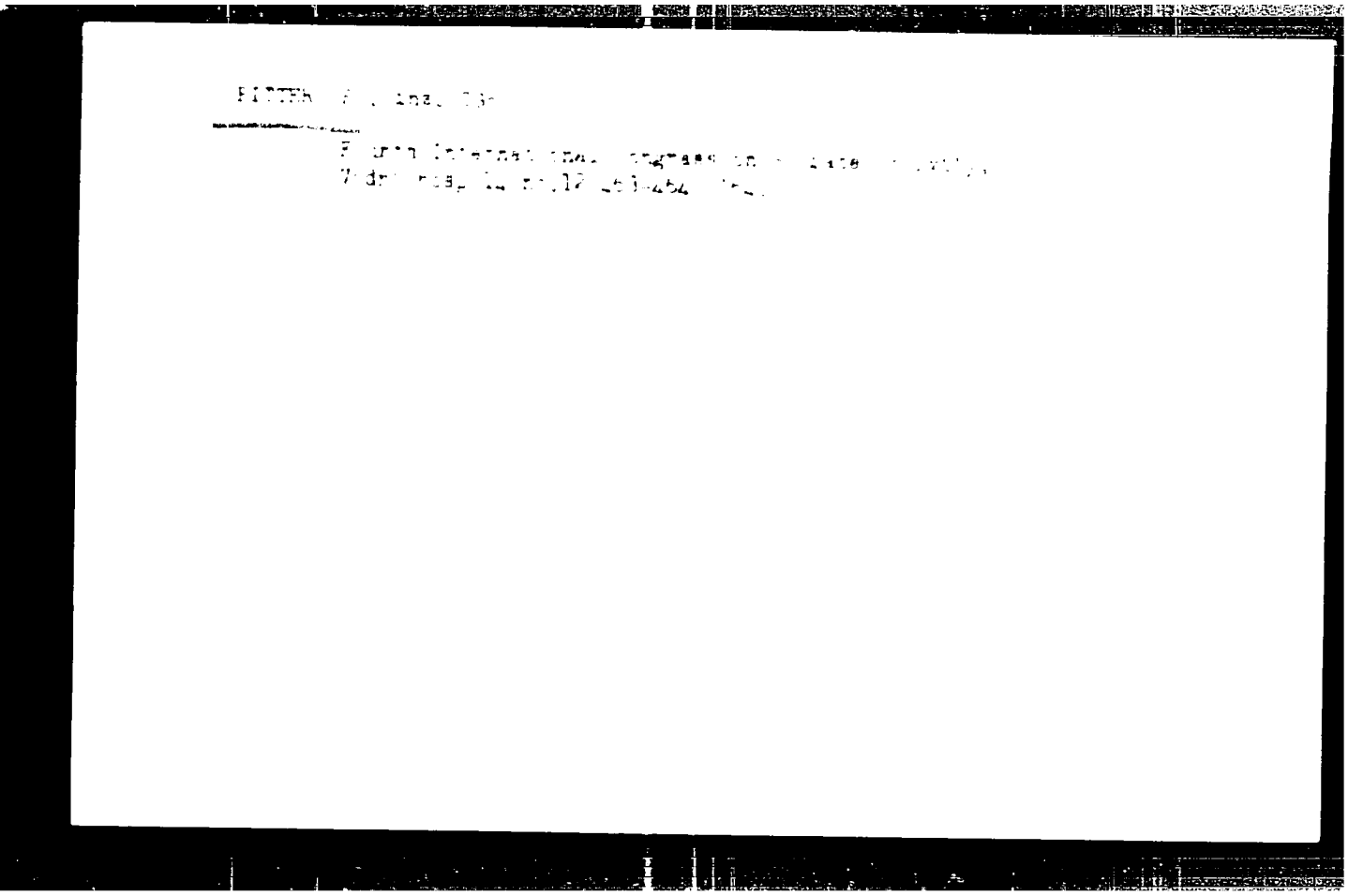
1. Oeni a neurologicke oddeleni krajske nemocnice v Ceskych Budejovicich, prim. MUDr. Jaroslav Pitter - prim. MUDr. Vladimir Loucka.

(OPTIC NERVE dis)
(NEURITIS)
(CEREBRAL ARTERIOSCLEROSIS)

PITTER, P.

Determination of sulfated and sulfonated surface-active agents in waters simultaneously. Cesk. hyg. 8 no.9:540-543 O '63.

1. Katedra technologie vody VSCHT, Praha.



PITTER, Pavel, inz. CSc.

Biologic decomposition of sulfate and nonsulfate nonionogenic detergents. Prum potravin 15 no.12:649-650 D '64.

1. Chair of Water Technology of the Higher School of Chemical Technology, Prague.

PITTER, Pavel

Effect of sulfite liquors on determination of detergents in waste waters. Chem prum 14 no.6:320-321 Je '64.

1. Chair of Water Technology, Higher School of Chemical Technology, Prague.

PITTER, Pavel

Biologic degradability of some anionic detergents. Chem prum 13 no.6:284-287 Je '63.

1. Katedra technologie vody, Vysoka skola chemicko-technologicka, Praha.

PITTER, Pavel, inz.

Sorption of saponates on activated and digested slurry. Vodni hosp 13 no.7:250-251 '63.

1. Katedra technologie vody, Vysoka skola chemicko-technologicka, Praha.

PITTER, Pavel; HYANKOVA, Kvetoslava

Determination of synthetic detergents in water. Sbor pal vod VSChT 4 no.1:269-286 '60. (KEAI 10:9)

1. Katedra technologie vody, Vysoka skola chemicko-technologicka, Praha.

(Cleaning compounds) (Water)

COUNTRY : Czechoslovakia

CATEGORY :

ABS. JOUR. : [illegible]

AUTHOR : [illegible]

TITLE : [illegible] Waste water from [illegible] desalting of petroleum

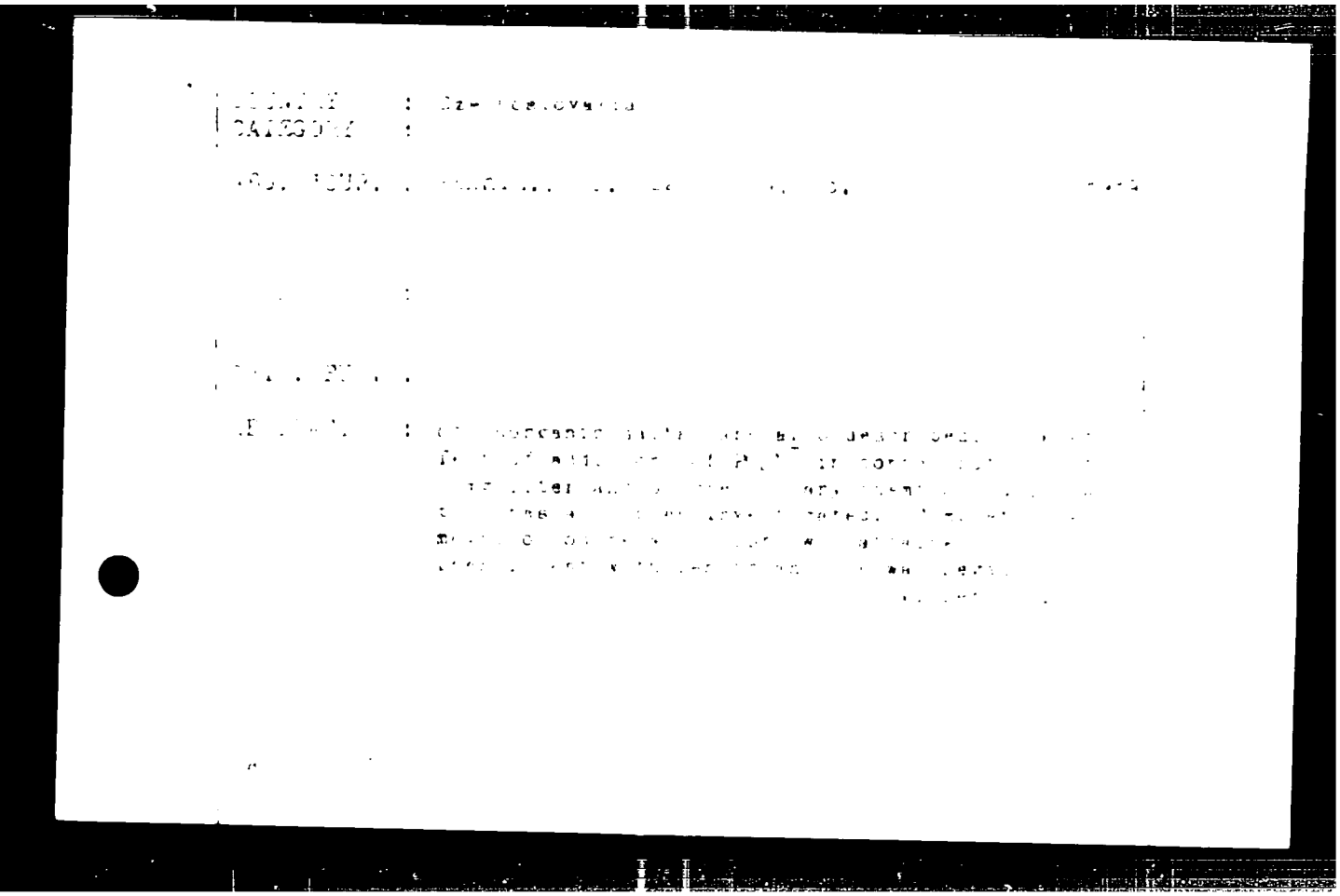
ORIG. PUB. : Vodni hospod, No [illegible], [illegible] (1959)

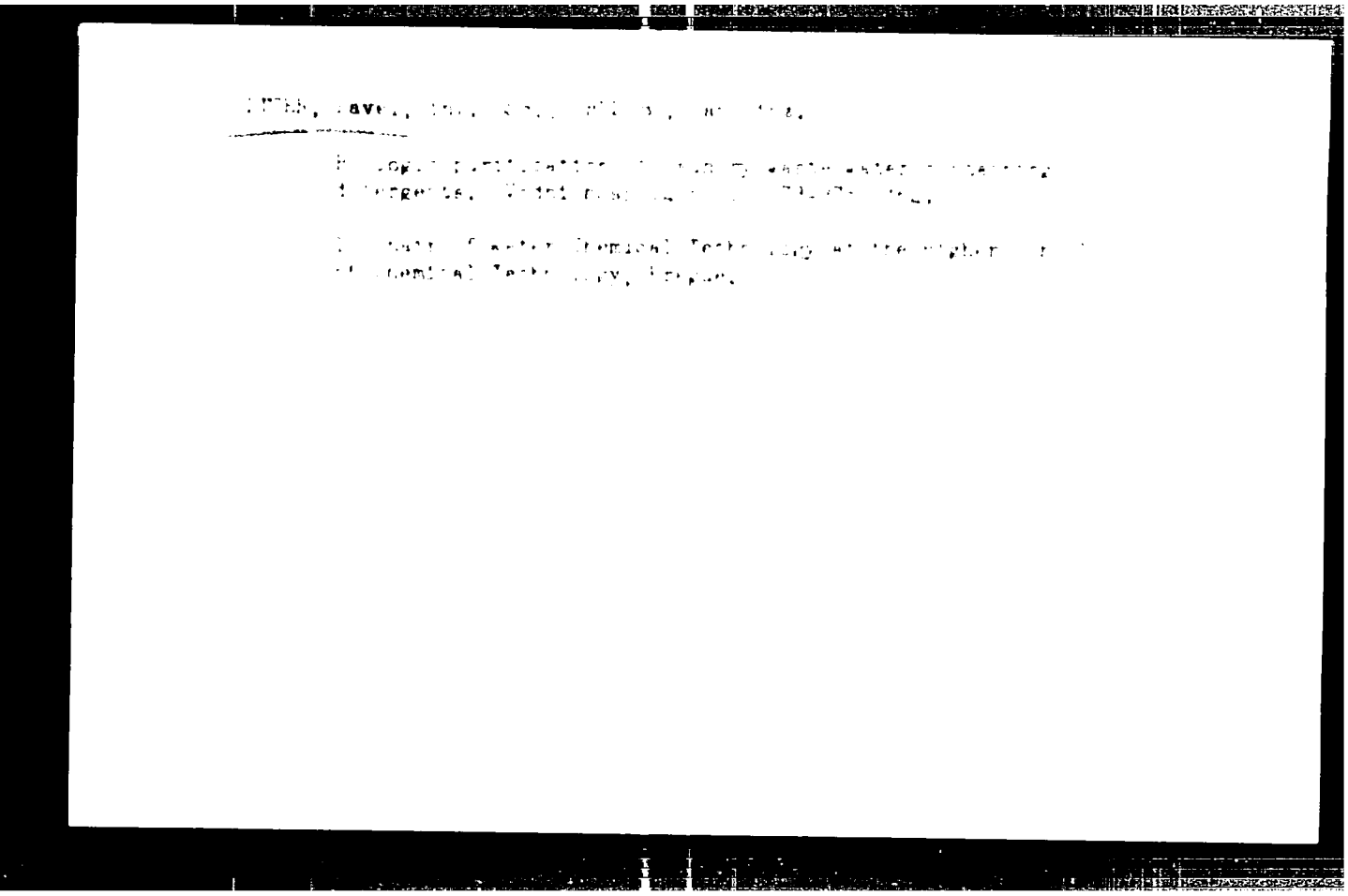
ABSTRACT : The waste waters contain high concentrations of inorganic substances (up to 2[illegible] gms/liter), phenols, naphthenic acids, and synthetic detergents. The BOD_{20} of the waste waters is 490 mg/liter, KMnPK 2990 mg/liter. The presence of detergents makes purification extremely difficult, since they lead to the formation of stable foams. Experiments with the purification of the waste waters by coagulation with $Al_2(SO_4)_3 \cdot 18H_2O$, $FeSO_4 \cdot 7H_2O$, and other iron salts have shown that best

CARD: 1/2

neutral medium. The oxygen demand of the waste waters is reduced by [illegible] and the concentration of synthetic detergents by [illegible] [illegible] coagulation. Experiments with the purification [illegible] activated sl[illegible] following a preliminary [illegible] the reduction of the [illegible]

[illegible]





PITTER, Yu.

Use of hyaluronidase in crystalline lens surgery. Vest.oft. no.4:61-63 '61. (MIRA L:11)

1. Zav. glaznym otdeleniyem Oblastnoy bol'nitsy g. Ceskie Budejovitsy (Chekhoslovakiya).
(HYALURONIDASE) (CRYSTALLINE LENS—SURGERY)

VYSOKA, B.,Dr.;PITTNEROVA, V.,Dr.;STEJSKALOVA, M.,Dr.

Considerations on epidemiology of parapertussis. Cesk. epidem. mikrob. imun. 6 no.4:255-265 July 57.

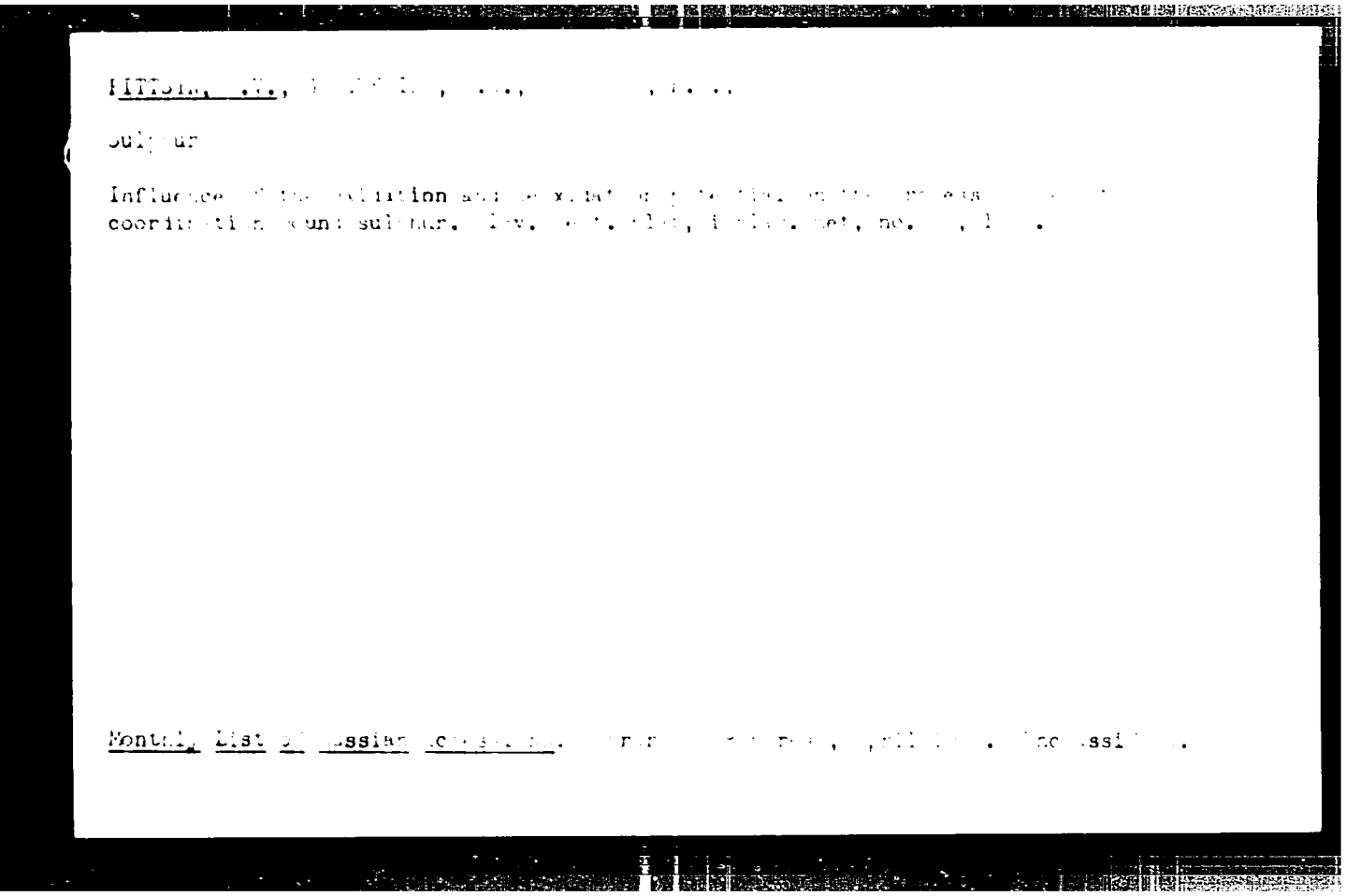
1. Lekarska fakulta hygienicka, katedra epidemiologie, Praha-Ustav epidemiologie a mikrobiologie, Praha-Hygienicko-epidemiologicka stanice UNV, mikrobiologicke oddeleni, Praha- UNV, Praha.
(WHOOPING COUGH,
parapertussis, epidemiol. (Cz))

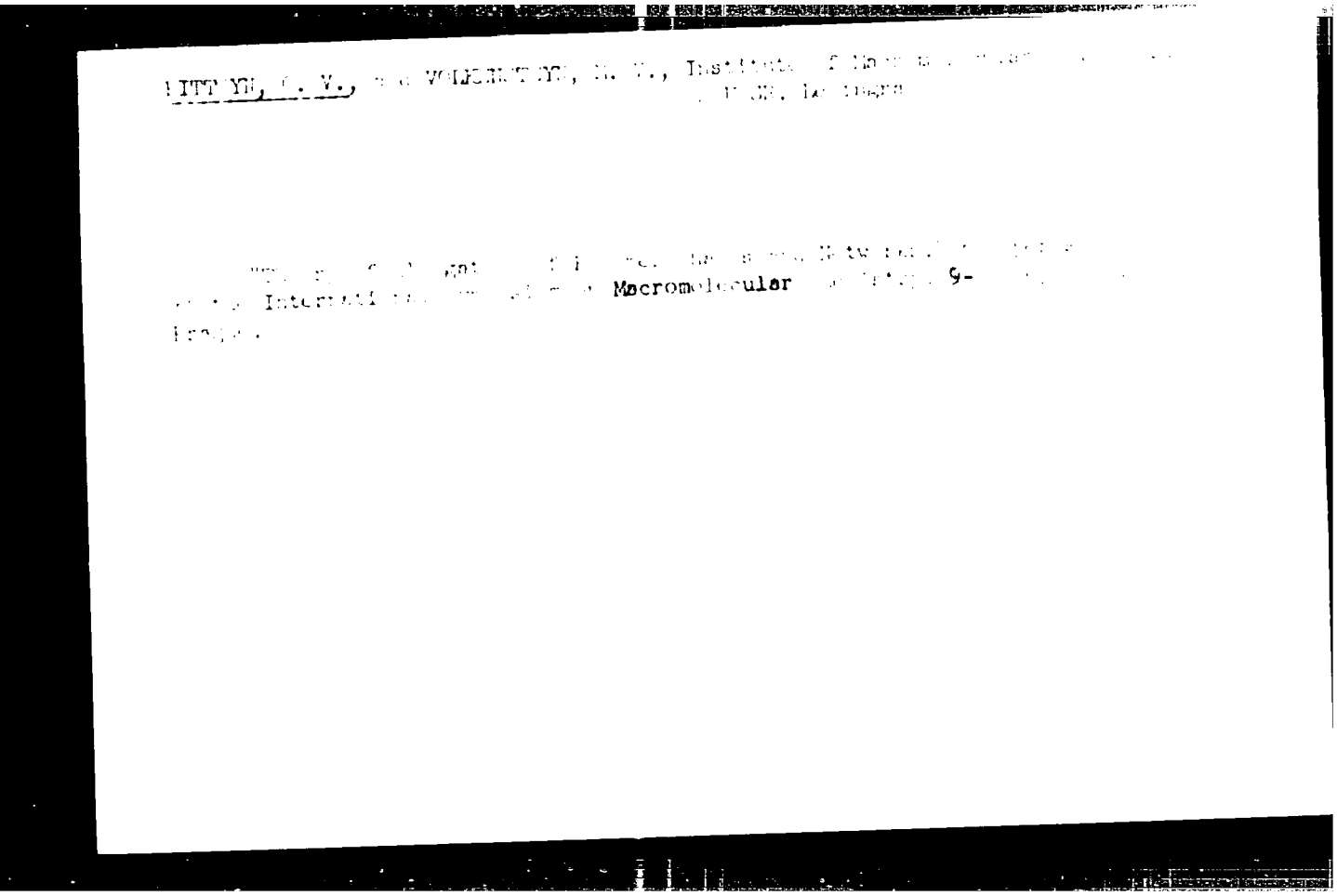
VYSOKA, B., Dr.; PITTNEROVA, V.

Chloramphenicol treatment of whooping cough; results of bacteriological and clinical follow-up. Cesk. pediat. 11 no.9: 646-652 Sept 56.

1. Katedra epidemiologie Lekarske fakulty hygienicke-Praha, Ustav epidemiologie a mikrobiologie Praha.

(WHOOPING COUGH, ther.
chloramphenicol, bacteriol. & clin. follow-up (Cz))
(CHLORAMPHENICOL, ther. use
whooping cough, bacteriol. & clin. follow-up (Cz))





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ACC NR: AP5013866 SOURCE CODE: UR/0368/65/002/004/0377/0380

AUTHOR: Lebedev, Ye. I.; Pittsyna, I. G.; Sakharov, A. V.; Blokh, A. A.; Ivanova, N. I.; Tolmachev, A. I.

ORG: Leningrad Society of Optical Equipment Enterprises (Leningradskoye ob"yedineniye optiko-mekhanicheskikh predpriyatiy)

TITLE: New instruments for molecular spectral analysis in the infrared region of the spectrum [Paper presented at the Plenary Session of the 16th Conference on Spectroscopy, 2 February 1965]

SOURCE: Zhurnal prikladnoy spektroskopii, v. 2, no. 4, 1965, 377-380

TOPIC TAGS: IR photometer, IR microscope, IR optic system

ABSTRACT: The authors describe several new instruments developed by the Leningrad Society of Optical Equipment Enterprises in 1963-1964: the IKS-22 spectrophotometer for mass analysis; the IKS-23 spectrophotometer for research on radiation from liquid specimens; the IMO-2 microscope attachment for a single-beam spectrophotometer for use in studying specimens such as fibers and crystals; and the KRT-1 variable-thickness cell for studying liquids. A photograph of each instrument is given together with a detailed description of its operation and technical characteristics. A diagram of the optical system for the IKS-23 instrument is given and explained. Orig. art. has: 5 figures.

SUB CODE: OP/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000

UDC: 535.853

Card 1/1

[illegible]ITU, A., prof. (B[illegible])

[illegible]ncol [illegible] [illegible]

[illegible] [illegible]

IGRITAN, A.
Surname (in caps); Given Names

Country: Rumania

Academic Degrees: Dr.

Affiliation: Slaughter House (Abatorul), Constanta.

Source: Bucharest, Probleme Zootehnice si Veterinare, No 4, 1961, pp 68-69.

Data: "Observations on the Resistance of Bovine Cysticerous in Boiled Pork Products."

Co-authors:

[illegible], C., Dr., Slaughter House (Abatorul), Constanta.
PITU, L., Dr., Slaughter House (Abatorul), Constanta.

BUCUR, N.; TESU, C.; MERLESCU, E.; PITUC, P.; IONEL, A.

Salinity tolerance of some fruit tree species planted on the salt soils of the Jijia-Bahlui Depression. Studii biol agr Iasi 13 no.2:333-340 '62.

PITICh, L.

New and better pay rates for the technical personnel of sport airplanes. p. 3.
(SPORTOWE LOTNICTWO. Vol. 12, no. 9, Sept. 1960, Warszawa, Poland)

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

PITTUCHA, Radomir

Operational experience with the terminal switch with hermetic contact device. Elektrotechnik 18 no.1:19-20 Ja '63.

PITU, Aurel, prof. (Buzau)

How the Agigea field course is helping me in my teaching.
Natura Geografie 12 no. 6:125-128 N-D '60.

PITUCHA, Radomir

Operational experience with the EPV 2002 V battery trucks.
Elektrotechnik 18 no. 12:359-361 D '63.

1. Teplarna, Nova hut Klementa Gottwalda.

PITUCHA, Radomir; VOBORSKY, Jiri, promovany psycholog

Conversation of work brigade members with a psychologist.
Elektrotechnik 18 no.5 150-151 My '63.

1. Nova hut Klementa Gottwalda, Ostrava - Kunčice.

PITUCHA, Radomir

Control of cranes from the floor. Elektrotechnik 19 no.8: 236-237 Ag '64.

1. Heating and Power Plant, Nova hut Klementa Gottwalda, Kuncice.

CECH, Jaroslav; PITUCHA, R.

Experience with foreign electric equipment of an oxygen plant. Elektrotechnik 19 no.9:268-271 S '64.

1. Nova hut Klementa Gottwalda National Enterprise, Kunčice.

PITUCHA, Radomir

Operational experience with electric servomotors with rotary motion. Elektrotechnik 18 no.7:206-209 Jl '63.

PITUCHA, R.

Simplified maintenance of coal dust feeders in the boiler room of heating and power plants. Elektrotechnik 18 no.10:296-297 O '63.

1. Teplarna, Nova hut Klementa Gottwalda, Ostrava - Kuncice.

PITTUCHA, Radomir

Experience with the operation of flyash separators in the heating and power plant of the enterprise Nova hut Klementa Gottwalda. Energetika Cz 13 no.2:79-81 F '63.

1. Provozni elektrikar teplarny, Nova hut Klementa Gottwalda.

"The way [illegible] and improvers to creative thinking"
by I.N. [illegible]. Reviewed by [illegible]. Electronics [illegible]
[illegible]:125 Ap '64.

PITUCHA, R.

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ELEKTROTECHNIK, Praha, Czechoslovakia, Vol. 14, no. 5, May 1959

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Unclassified

PITUCHA, Radomir

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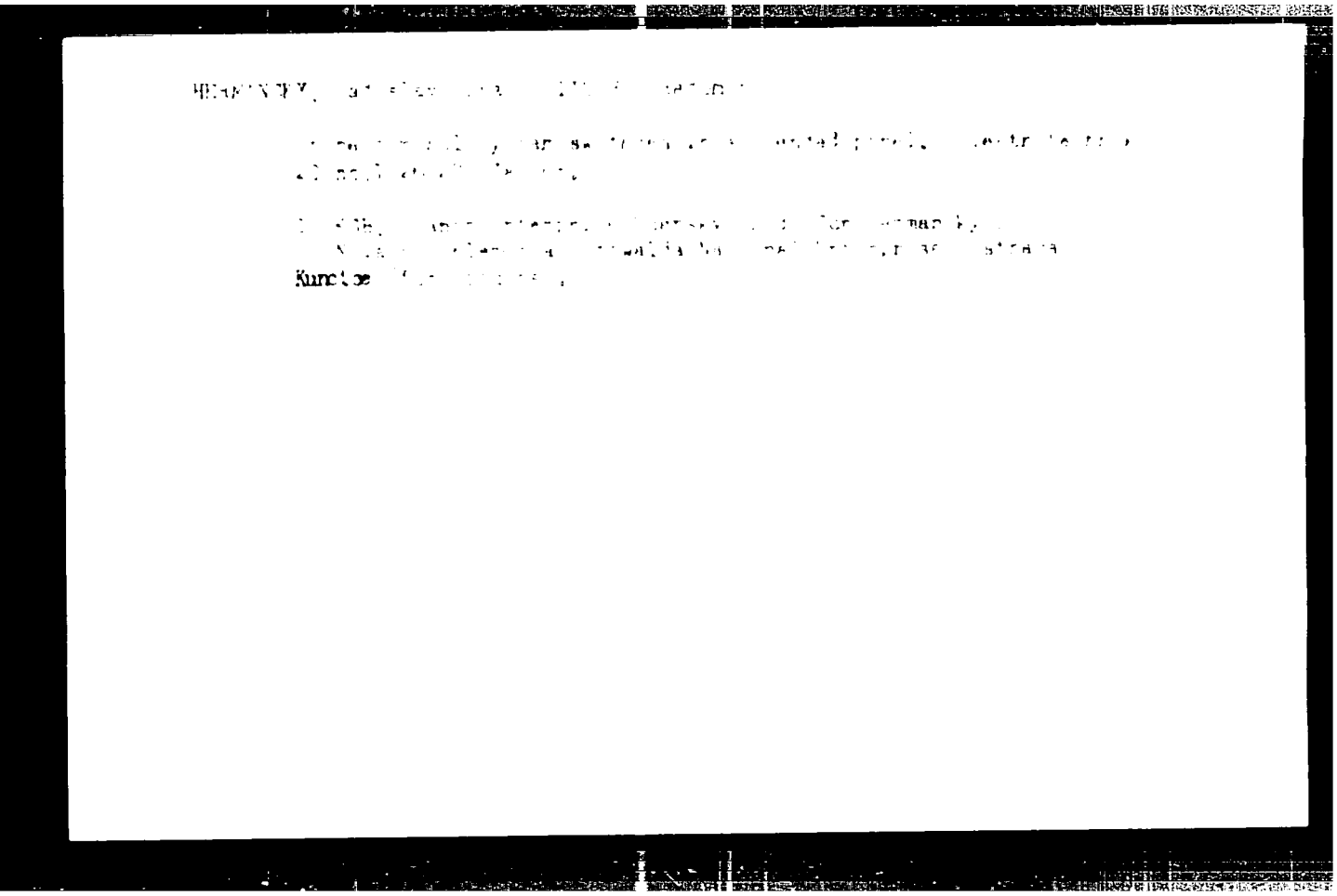


MARKOWA, Janina; MAREK, Alfred; PITUCHOWA, Janina

The course of viral lesions of the bones in mice infected experimentally with the L_{61} strain of tick-borne encephalitis. Acta med. pol. 3 no.4: 323-335 '62.

1. II Surgical Clinic, Medical Academy, Cracow. Director: Prof. Dr J. Oszacki III Surgical Clinic, Medical Academy, Cracow Director: Prof. Dr. J. Jasienski Department of Pathological Anatomy, Medical Academy, Cracow. Director: Prof. Dr J. Kowalczykowa.
(ENCEPHALITIS EPIDEMIC) (ENCEPHALITIS VIRUSES)
(BONE MARROW DISEASES) (BONE DISEASES) (JOINT DISEASES)

MARKOWA, Janina; PITUCHOWA, Janina; MAREK, Alfred

Histologic patterns of changes in the motor apparatus in the course of experimental infection of mice with the virus of tick-borne encephalitis. Acta medica polona 3 no.1:41-48 '62.

1. The II Surgical Clinic, Medical Academy, Cracow Director: prof. dr. J. Oszacki Department of Pathological Anatomy, Medical Academy, Cracow Director: prof. dr J.Kowalczykowa The III Surgical Clinic, Medical Academy, Cracow Director: prof. dr J.Jasienski.
(ENCEPHALITIS EPIDEMIC exper) (BONE AND BONES pathol)
(MUSCLES)

PITUKHOVA, Yanina; MAREK, Al'fred; YASTZHEMBSKI, Vlodzimezh (Krakov)

Liposarcoma. Arkh. pat. no.12:45-52 '61. (MIRA 15:7)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. Yanina Pitukhova) i 3-y khirurgicheskoy kliniki (zav. - prof. Yezhy Yasen'ski) Meditsinskoy akademii v Krakove.

(CANCER)

PITULANKA, J.

Use of the aeroplane for studies of the upper atmosphere. Lek. wojsk., Warszawa 25:93-110 D '49. (CLML 19:2)

1. Of the Institute for Agricultural Microbiology, Jagiellonski University in Krakov (Head -- Prof. Stanislav Znieszko, M.D.) and of the Botanical Institute imienia Jancsewski (Head -- Prof. Kazimierz Ruppert, M.D.).

Pituleka, J.

PITULEKA J.

Zastosowanie samolotu do mikrobiologicznego badania gornych warstw powietrza. (Use of the aeroplane for studies of the upper atmosphere.) Przek. wojsk., Warszawa Vol. 25 Dec 49 p. 93-110.

1. Of the Institute for Agricultural Microbiology, Jagiellonski University in Krakov (Head — Prof. Stanislav Smiesko, M.D.) and of the Botanical Institute Imienia Janczewski (Head — Prof. Kazimiera Ruppert, M.D.).

CLML Vol. 19, No. 2 Aug. 1950

PITULEA, C., IANASESC[illegible]

On the witherite occurrence in the Ostra barite deposits.
Rev geol geog Geol no. 2[illegible]

TANASESCU, Fl., geol.; PITULEA, G., geol.

Considerations on the barytine mineralizations at Ostra, Eastern Carpathians. Rev min 13 no.6:240-245 Je '62.

TANASESCU, [illegible]; [illegible]

[illegible] research in the [illegible] between the [illegible] Valleys. [illegible]

1. Submitted April [illegible]

RUMANIA / Analytical Chemistry. Analysis of Inorganic E
Substances.

Abs Jour: Ref Zhur-Khimiya, No 4, 1959, 11488.

Author : ~~Pitulescu, C.~~
Inst : Not given.
Title : The Colorimetric Determination of a Small Quantity of Boron with the Aid of Carmine.

Orig Pub: Rev. chim., 1958, 9, No 6, 318-319.

Abstract: The possibility of colorimetric determination of B with the aid of carmine was established in natural waters, ores and mountain rocks without its original conversion into methyl borate ether. To 0.01-1 g of finely pulverized ore or rock to be analyzed, 5 mg of a solution of Ca salt of saccharose are added (1.5 g of metallic Ca is dissolved in 500 ml of a 10% solution of saccharose);

Card 1/3

RUMANIA / Analytical Chemistry. Analysis of Inorganic E
Substances.

Abs Jour: Ref Zhur-Khimiya, No 4, 1959, 11488.

Abstract: the mixture is evaporated until dry and calcined at 900° until C is burned entirely (Ca borate is formed). To the residue after calcination, 5 mg of concentrated solution of H_2SO_4 are added; the insoluble residue is filtered through a filter funnel and washed with sulfuric acid, and the filtrate, together with the washings, is diluted with water to a definite volume. To 2 ml of the obtained solution, there are added 10 ml of 0.05% of sulphuric acid solution of carmine, and after 45 minutes the color of the solution is compared with the color of a standard solution. During the determination of B in water, there are conducted independent colorimetric analyses (2 ml of analyzable water + 10 ml of concentrated sulphuric acid + 10

Card 2/3

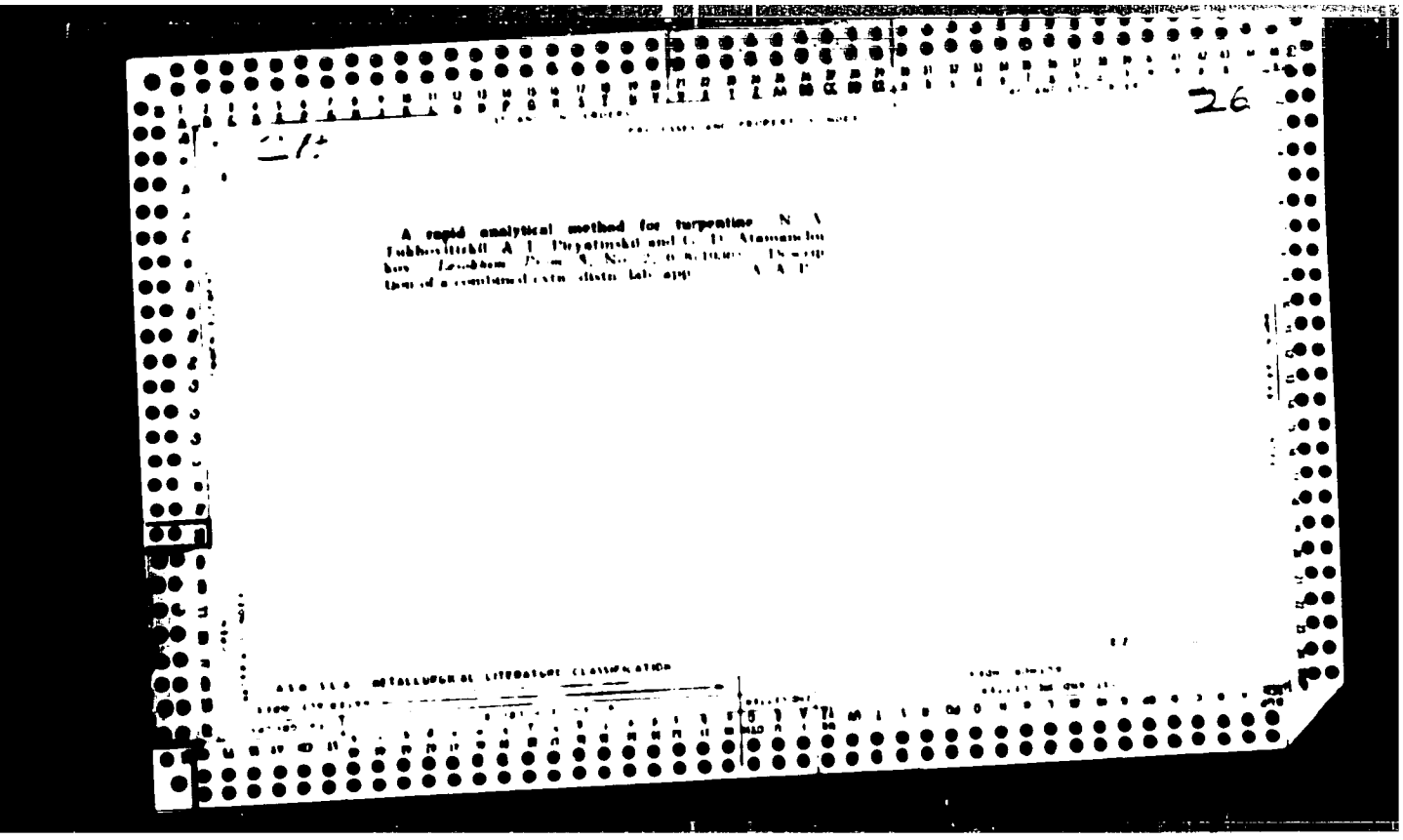
DOROSH, Ivan Iosifovich; PITUL'KO, Vitaliy Yemel'novich [Pytul'ko, V.O.]; SEREDENKO, Boris Nikolayevich [Seredenko, B.M.]; KAVUN, V.M., Geroy Sotsialisticheskogo Truda, red.; TOGOBITSKAYA, N.V.[Tohobits'ka, N.V.], red.; GULENKO, O.I. [Hulenko, O.I.], tekhn. red.

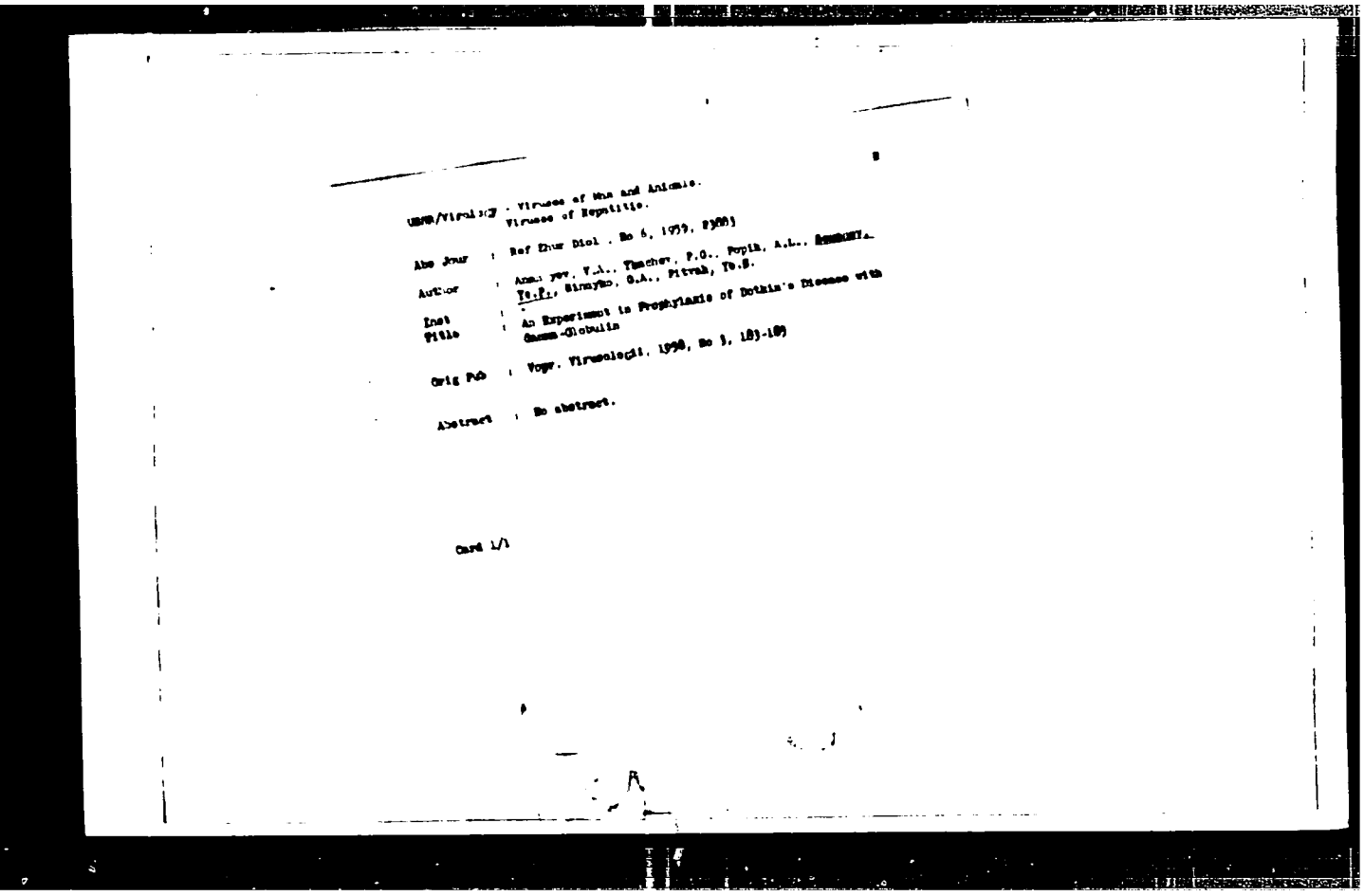
[Use of machinery on a collective farm] Vykorystannia tekhniky v kolhospi. Kyiv, Derzh.vyd-vo Sil's'kohospodars'koi lit-ry URSR, 1963. 139 p. (MIRA 17:3)

KAVUN, Vasiliy Mikhaylovich. Prinimali uchastiye: BABSKIY, I.I.; BOROVSKIY, V.A.; VITKOVSKIY, M.P.; ZIMOVETS, V.N.; SEREDENKO, B.N.; PITUL'KO, V.Ye.; CHEPURNOV, I.A.; BLAZHEVSKIY, V.K.; YAROPUD, V.N.; RYBAK, V.N.; KUZIK, G.I.; ZADNEPRYANETS, G.V.; IVANOV, A.N., red.; BELOVA, N.N., tekhn. red.

[Efficient farm management] Ratsional'noe vedenie khoziaistva. Moskva, Sel'khozizdat, 1963. 205 p. (MIRA 16:4)

1.Ukrainskiy nauchno-issledovatel'skiy institut ekonomiki i organizatsii sel'skogo khozyaystva (for Babskiy, Borovskiy, Vitkovskiy, Zimovets, Seredenko, Pitul'ko, Chepurnov). 2. Vinnitskaya gosudarstvennaya sel'skokhozyaystvennaya opytnaya stantsiya (for Blazhevskiy, Yaropud). 3. Ukrainskiy nauchno-issledovatel'skiy institut zemledeliya (for Rybak). 4. Sekretar' partiynoy organizatsii kolkhoza imeni XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza (for Kuzik). 5. Glavnyy agronom kolkhoza imeni XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza (for Zadnepryanets).
(Collective farms—Management)





USSR/Virol - Viruses of Man and Animals.
Viruses of Hepatitis.

Abs Jour : Ref Zhur Biol., No 6, 1959, 25801

Author : Amm yev, V.A., Timchev, P.G., Popik, A.L., [redacted]
Ye.P., Simeyko, G.A., Pitvak, Ye.S.

Inst :
Title : An Experiment in Prophylaxis of Botkin's Disease with Gamma-Globulin

Orig Pub : Vopr. Virusologii, 1958, No 3, 183-189

Abstract : No abstract.

Card 1/1

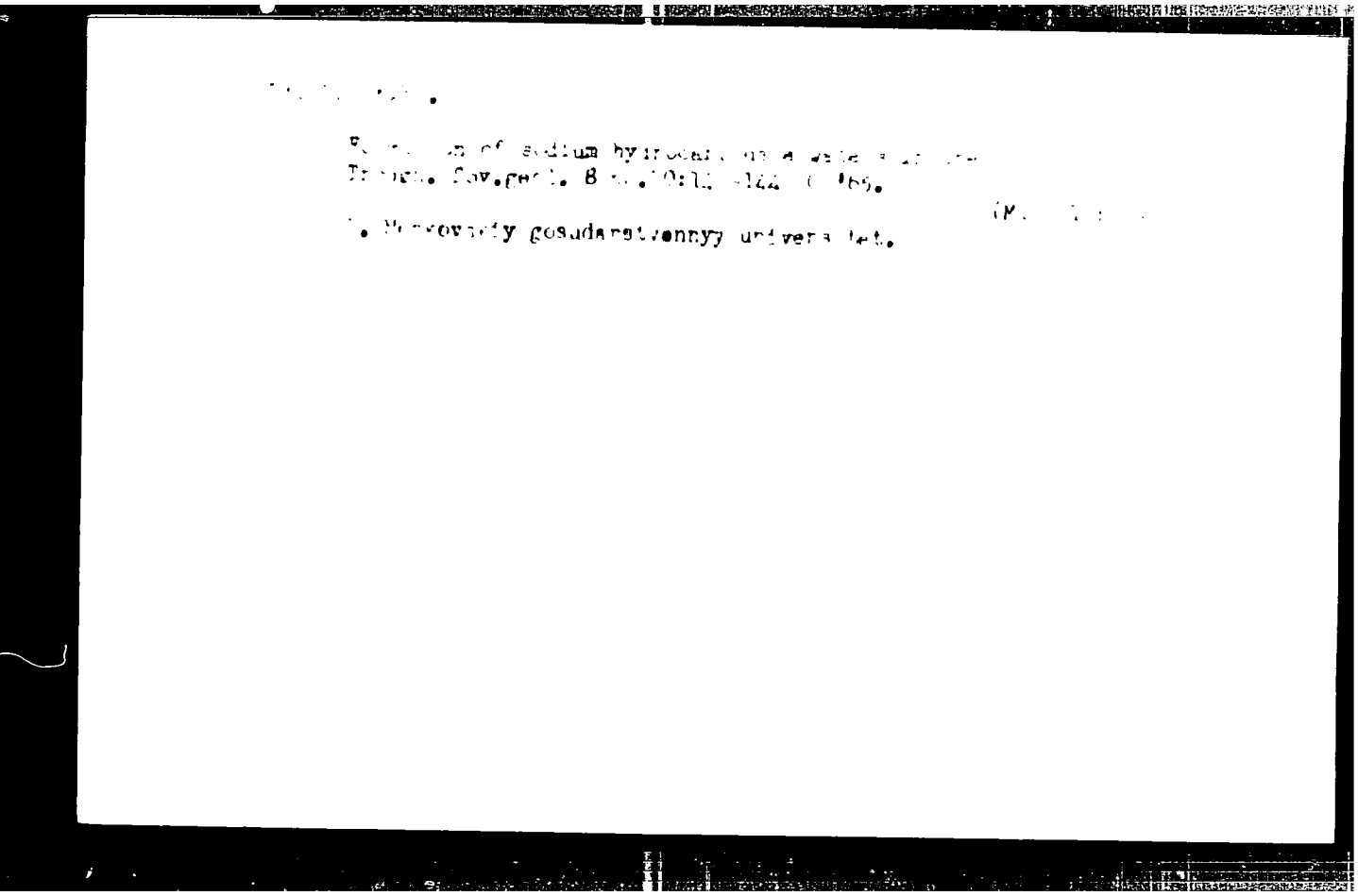
PIT'YEVA, K.Ye.

Sources of boron, bromine, lithium, strontium in the Devonian and Carboniferous underground waters of the Lower Volga Valley. Vest. Mosk. un. Ser. 4: Geol. 20 no.4:75-80 Jl-Ag '65. (MIRA 18:9)

1. Kafedra gidrogeologii Moskovskogo universiteta.

PIT'YEVA, K.Ye.

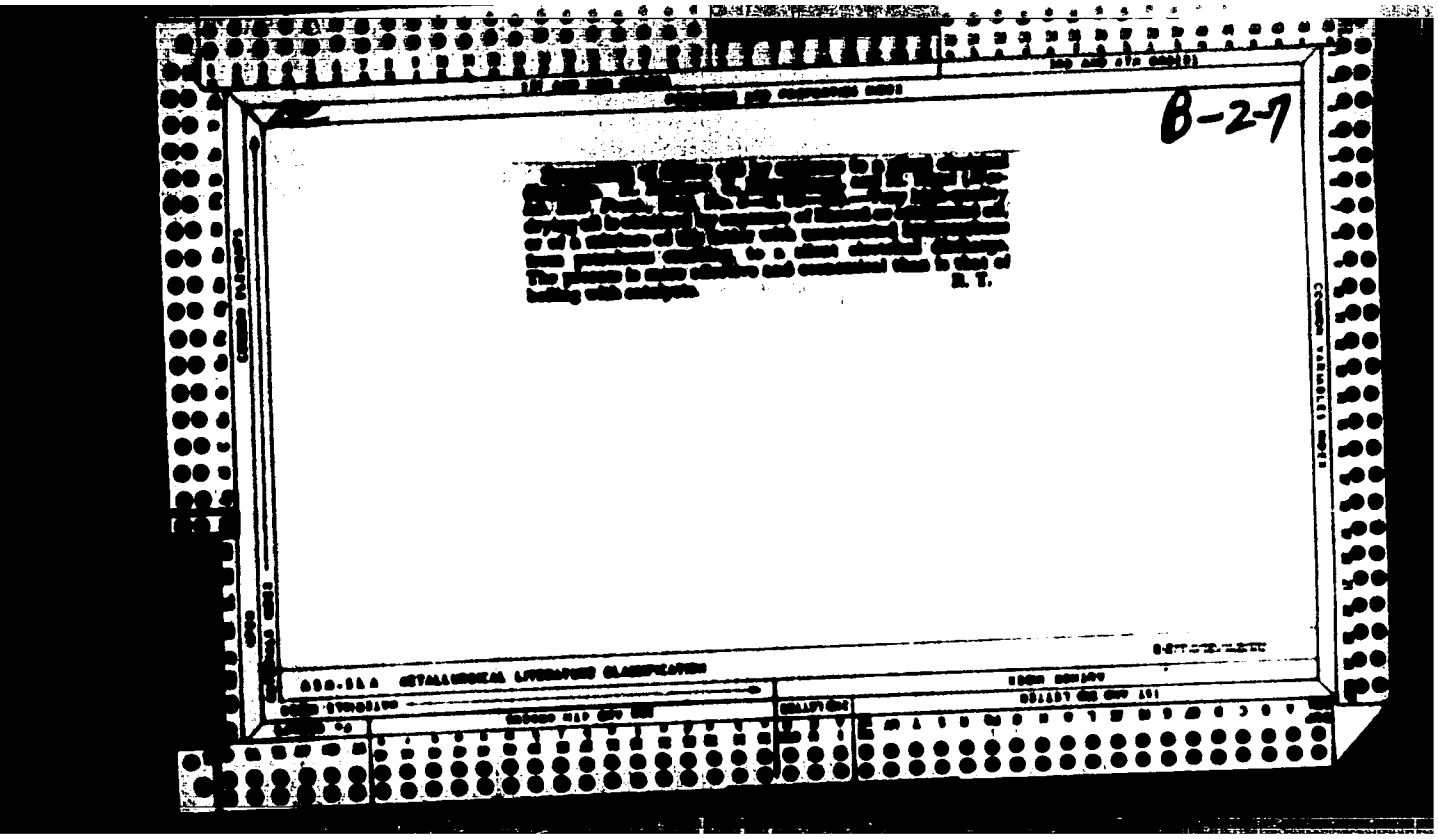
Chemical composition of the natural waters of the alkali massif in a region of excessive moisture. Biul. MOIP. Otd. geol. 40 no.4:96-100 Jl-Ag '65. (MIRA 18:9)



PIT'YEVA, K. Ye.; SMIRNOVA, A. Ya.

Hydrogeological conditions of the Pechenga ore deposits and some results of hydrochemical prospecting. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 14 no.4:149-159 '59. (MIRA 13:6)

1. Kafedra gidrogeologii Moskovskogo universiteta.
(Pechengskiy District—Water, Underground)
(Geochemical prospecting)



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Formation [illegible] in regions of piedmont [illegible]. Vest. Mosk. un. ser. 4, Geo... 19 no.3:10[illegible] My-Je '64. (MIRA 17:12

1. Kafedra [illegible] Moskovskogo universiteta.

LIT'YEVA, K.Ye.

Development of Jurassic and Cretaceous underground waters in Ciscaucasia as sources for mineral resources. Vest. Mosk. un. Ser 4: Geol. 20 no.1:62-74 Ja-F '65. (MIRA 18:

1. Kafedra gidrogeologii Moskovskogo gosudarstvennogo universiteta.

PIT'YEVA, K.Ye.

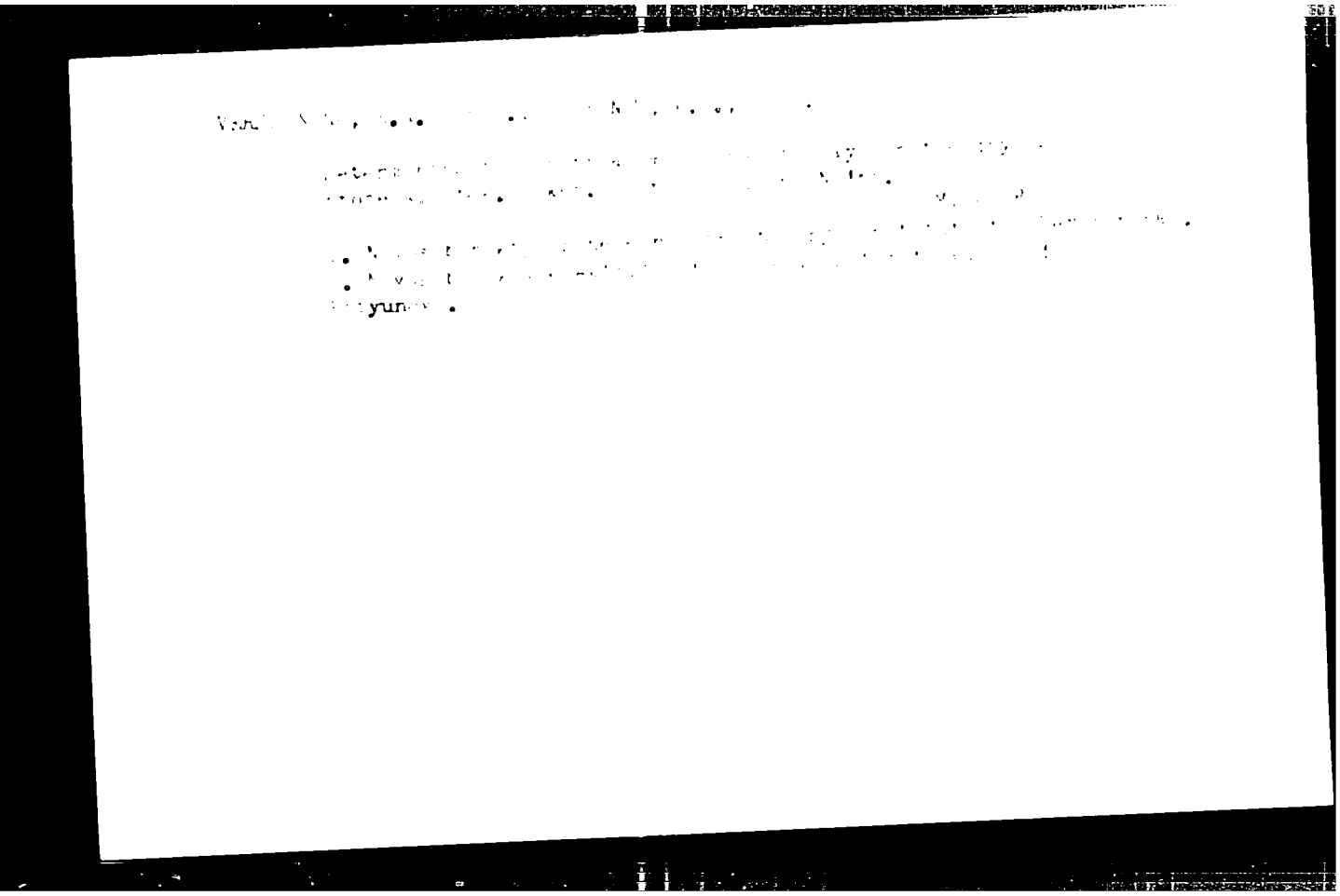
Some geochemical characteristics of beryllium in underground waters of the intrusive alkali massif in the Lovozero Tundras. Vest. Mosk. un. Ser. 4; Geol. 18 no.3:49-54 My-Je '63. (MIRA 16:10)

1. Kafedra gidrogeologii Moskovskogo universiteta.

PIT'YEVA, K Ye.

Hydrogeological conditions in the intrusive massif in excessively wet regions. Vest.Mosk.un. Ser.4:Geol. 16 no.6:55-61 N-D '61. (MIRA 14:12)

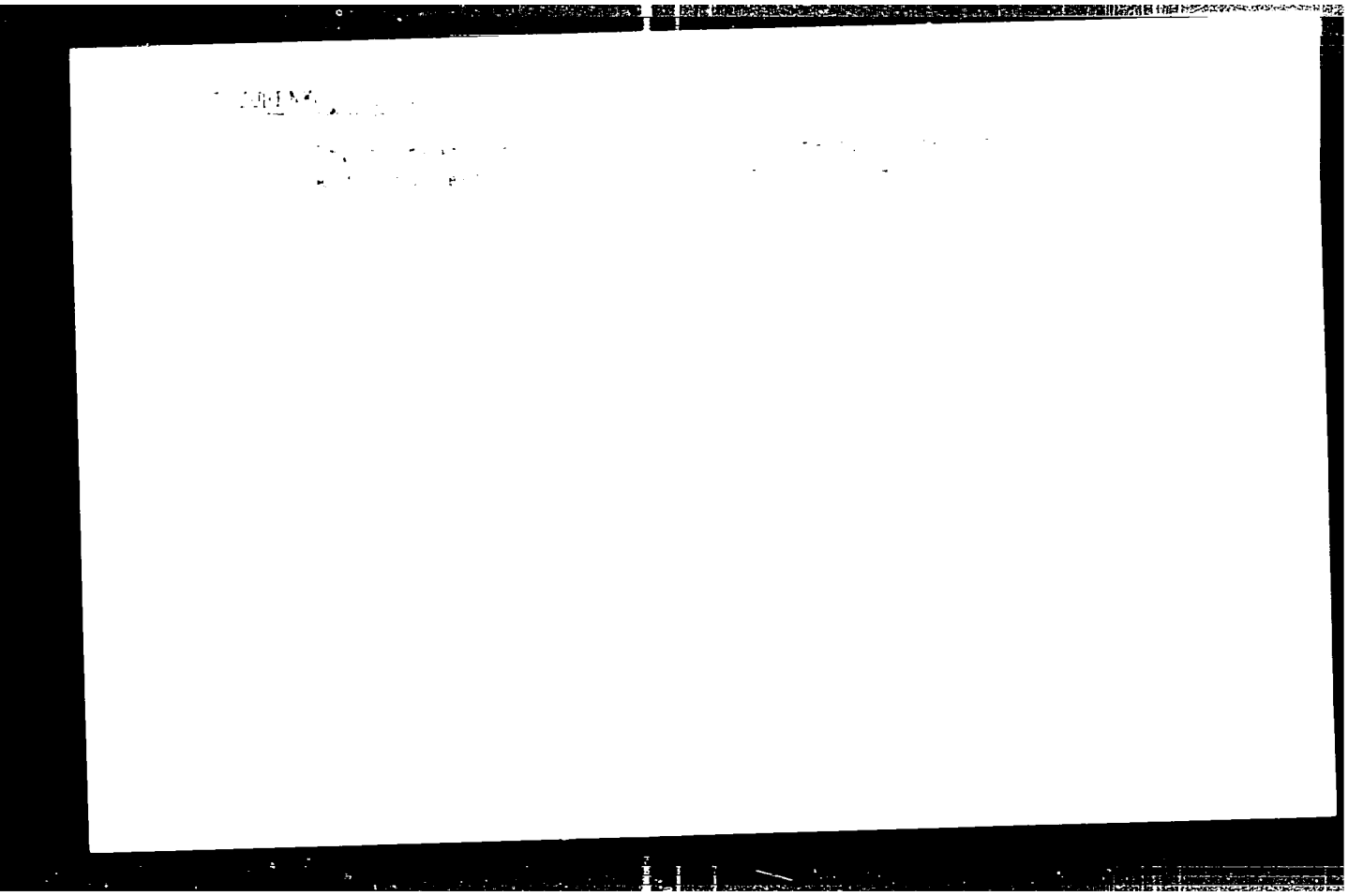
1. Kafedra gidrogeologii Moskovskogo universiteta.
(Water, Underground)



PITYURENKO, Ye.K.

Organizations of the Scientific and Technical Association during the days of preparation for the holiday. Tekst.prom.17 no.11:70-71 N '57 (MIRA 10:12)

(Textile industry)



PITYUSHIN, A.L.

Antitoxic function of the liver and the state of gastric secretion in silicosis. Trudy Inst. kraev. pat. AN Kazakh. SSR 9: 22-41'61. (MIRA 16:7)

(LUNGS—DUST DISEASES) (LIVER)
(STOMACH—SECRETIONS)

PITYUSHIN, A.L.

Comparative characteristics of disorders in the functional activity of the liver and stomach in silicosis. Trudy Inst. kraev.pat. AN Kazakh. SSR 10:55-61 '62. (MIRA 16:5)
(LUNGS—DUST DISEASES) (LIVER—DISEASES)
(STOMACH—DISEASES)

PITYUSHIN, A.L.

Functional state of the liver in silicosis. Trudy Inst.kraev.pat. (MIRA 16:5)
AN Kazakh.SSR 10:44-54 '62.
(LUNGS—DUST DISEASES) (LIVER—DISEASES)

SATPAYEVA, R.A., dots.; PITYUSHIN, A.L., vrach

Stomach secretion and the antitoxic function of the liver in silicosis. Zdrav.Kazakh. 17 no.2:10-14 '57. (MIRA 12:6)
(STOMACH--SECRETIONS) (LIVER) (LUNGS--DUST DISEASES)

KUBIKOVA-KOUBILOVA, A.; HILL, Z.; Technicka spolupraca: [illegible]

A simplified compatibility test for extracorporeal circulation and for extensive transfusions. Rozhl. chir. 44 no.1:[illegible] D '65.

1. Fakultni transfuzni stanice v Brne prednosta MUDr. [illegible] a Vyzkumny ustav pediatricky v Brne reditel prof. dr. [illegible] necky .

PITZER, Pal

More than 16 million saving. Ujit lap 12 no.11:31 10 Je '60.

1. Papai Textilgyar ujitasi eloadoja.