

WEIMAN, Roman; BOSALOWSKI, Karol; KUBUSZKOWSKA-YARYNOWA, Maria

Case of cervical pregnancy. *Gin.polska* 26 no.2:233-241  
Apr-June '55.

1. Z I<sup>o</sup> Oddziału Położniczo-Ginekologicznego Szpitala  
Miejskiego nr 5 w Warszawie Kierownik: dr R. Weiman, Warszawa,  
Emilii Plater 35.

(PREGNANCY ECTOPIC,  
cervical, case report)

KSIĄŻKIEWICZ-SZAPIRO, Maria Danuta; KOBUSZEWSKA-FRAYMA, Maria

Gastric polyp with degeneration into cancer. Polski tygod. lek.  
11 no.10:455-457 5 Mar 56.

1. Z Kliniki Gastrologicznej A.M. w Warszawie; kier.: prof. dr.  
L. P. ocker i z Zakładu Anatomii Patologicznej A.M. w Warszawie;  
kier.: prof. dr. L. Paszkiewicz. Warszawa-Saska Kępa, Ul Poselska  
21.

(POLYPI,  
stomach, malignant degen. (Pol))  
(STOMACH, neoplasms,  
polypi, malignant degen. (Pol))

*KOBUSZEWSKA MARIE*

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723420004-

POLAND / Human and Animal Morphology (Normal and Pathological). S  
Cardiovascular Systems

Abs Jour : Ref Zhur. - (Med), No 21, 1958, No 97110  
Author : Rykowski, Henryk; Kurzinek, Boleslaw; Kobuszcowska, Maria;  
Nielubowicz, Jern  
Inst : Not given  
Title : Experimental Transplantation of Lyophilized Arteries.  
Orig Pub : Polski tygod. lek., 1956, 11, No. 25, 1105-1108

Abstract : It was shown on experiments with 7 dogs that application  
of lyophilized arteries as transplants has its advantages  
as compared to transplantations of arteries conserved in  
fluids temporarily supporting the vitality of the tissue.  
In none of the dogs were thromboses and late hemorrhages  
discovered in postoperative observation in the course of  
2-8 months.

*J. Klin. Chirur. A. M. w. Warszawie*

**MELANOWSKI, Wladyslaw Henryk; KOBUSZEWSKA-FARYNA, Maria**

Considerations on retrolental fibroplasia and its relation to hydrophthalmia. Klin. ocsna 26 no.3:199-205 1956.

1. Z Kliniki Ocsnej A.M. w Warszawie. Kierownik: prof. dr. W. H. Melanowski I z Zakladu Anatomii Patologicznej A.M. w Warszawie. Kierownik: prof. dr. L. Paskiewicz.  
Adres autorow: Prof. W. H. Melanowski, W-wa, ul. Emilii Plater 35, m. 11. Doc. M. Kobuszevska-Faryna, W-wa, ul. Nobla 27, m. 6.

(HYDROPTHALMOS, complications,  
retrolental fibroplasia (Pol))

(RETROLENTAL FIBROPLASIA, complications,  
hydrophthalmos (Pol))

KOBUSZEWSKA-FARYNA, Maria; BYSTRZANOWSKA, Teofila

Bilateral Warthin's tumor (cystadenolymphoma papilliferum bilaterale).  
Nowotwory 14 no.2:181-186, 1964.

z Zakładu Anatomii Patologicznej, Studium Dokształcania Lekarzy  
z Akademii Medycznej w Warszawie (Kierownik: doc. dr. med. M. Kobu-  
szewska-Faryna) oraz z I Kliniki Laryngologii Studium Dokształcania  
Lekarzy w Warszawie (Kierownik: prof. dr. med. T. Bystrzanowska).

BOWKIEWICZ, Janusz; BULSKA, Halgorzata; FURMAN, Włodzisław; KOBUSZEWSKA-  
FARYNOCHA, Maria; KUCHARCZYK, Kazimierz; SZUCKA, Halina; ZAJUSKA,  
Józef.

Lymphography in cases of early cancer of the cervix uteri (pre-  
liminary communication). Pol. przegl. radiol. 28 no.5:395-400  
S-0 '64

1. Pracowni Rentgenodiagnostycznej Szpitala Bielańskiego w  
Warszawie (Kierownik: dr. med. J. B. Wiewióz); z Katedry  
Poleznictwa i Ginekologii Studium Doskonalenia Lekarzy w  
Warszawie (Kierownik: prof. dr. med. M. Bulska) i z Oddziału  
Chirurgii Ogólnej Szpitala Bielańskiego w Warszawie (Ordynator:  
doc. dr. med. W. Wiechno).

**BOLOCZKO, Stefan; GRZYBOWSKI, Emil; KOBUSZEWSKA-FARYNA, Maria**

Attempted clinical application of polyester nets for the covering of traumatic cutaneous and fascial defects. Pol. tyg. lek. 19 no. 52:2019-2020 28 D'64.

1. Z Kliniki Chirurgii Urazowej Studium Doskonalenia Lekarzy w Akademii Medycznej w Warszawie (kierownik: prof. dr. med. Jerzy Szulo oraz z Zakladu Anatomii Patologicznej Studium Doskonalenia Lekarzy w Akademii Medycznej w Warszawie (kierownik: doc. dr. med. Maria Kobuszevska-Faryna).

KOBUSZEWSKA-FARYNOWA, Maria

Changes in the lymph nodes following lymphadenography.  
(Preliminary report). Pat. Pol. 16 no.2:141-149 Ap-Je '65.

1. Z Zakładu Anatomii Patologicznej Szpitala Bielanskiego  
i z Zakładu Anatomii Patologicznej Studium Doskonalenia  
Lekarzy w Akademii Medycznej w Warszawie (Kierownik: doc.  
dr. med. M. Kobusowska-Faryna).

STARKOV, A. N.

USSR/Petrography

Card 1/1

Authors : Starkov, N. P; Kobyak, A. N. and Chirvinskiy, P. N.

Title : About the Petrography of rocks of crystalline base of the Molotov region (oblast')

Periodical : Dokl. AN SSSR, 95, 6, 1309 - 1311, 21 Apr 1954

Abstract : The article gives an analysis of the crystalline base of the Molotov oblast' (region). By the method of the integrational table; two tables, given in the article, have been compiled. One of them gives the quantitative content of the base; the other the chemical content of gneissoid-granites which form the base.

Institution : A. M. Gorkiy State University at Molotov

Submitted : 18 Feb 1954



61 16. KOBYAK, G. G.

11. 1941

Characteristics of waters of underground lakes. G. A. Laxisovitch and G. G. Kobyak (Compt. rend. Acad. Sci. U. S. S. S., 1941, 31, 26-28).--Chemical analysis of the waters of the lakes in the grottoes Titanic and Coliseum and of H<sub>2</sub>O from the cavern in Ethereal grotto are recorded. They show that the waters of underground lakes in gypsum-anhydrite rocks are to be classified as mineral waters. L. S. F.

Characteristics of ice from the Kanger cove. G. A. Mastenkovskii  
and G. G. Kozlov. *Compt. rend. Acad. Sci. U.R.S.S.* 1941, 81,  
478-481).—The physical and chemical properties of ice taken from  
various parts of the Kanger cove in the Urals are tabulated.  
C. R. II.

KOBYAK, L. A.

KOBYAK, L. A.: "The preparation of students in the first and second classes to enter the pioneer organization in connection with the teaching and training work held in these classes." Min Education RSFSR. Moscow City Pedagogical Inst imeni V.P. Potemkin. Chair of Pedagogy. Moscow, 1956. (Dissertations for Degree of Candidate in Pedagogical Sciences).

SO: Knizhnaya Letopis' No. 22, 1956

Konyak II.

The production of Konyak  
is a traditional art  
of the Caucasus region.  
It is made from the  
distillation of grapes.  
The process is  
very complex and  
requires a lot of  
experience and skill.  
The resulting  
product is a  
strong and  
flavorful  
spirit.

2

PURTSELADZE, A.O.; TOKMAN, M.Ya.; ALEKSEYEV, V.B., kand.tekhn.nauk;  
KOBYAK, S.S., inzh.; KUVSHINNIKOVA, R.I., inzh.

Using electronic computers in planning the carrying-out  
of earthwork. Transp. stroi. 16 no.16-8 Ja '66.

(MIRA 1961)

1. Upravlyayushchiy trestom Sredasstroyemkhanizatsiya (for  
Purtseladze). 2. Zamestitel' nachal'nika tekhnicheskogo otdela  
tresta Sredasstroyemkhanizatsiya (for Tokman).

KOBYAK, Ye.K., mostovoy master (g. Volkovysk)

Better organization of the maintenance of railroad structures. Put'  
i put.khos. 5 no.10:36 0 '61. (MIRA 14:10)  
(Railroad bridges—Maintenance and repair)

KOBYAKOV, Boris Sergeyevich, aspirant

Continuous automatic measurement of the ash content in coal.  
Izv. vys. ucheb. zav.; elektromekh. 4 no.9:113-114 '61.(MIRA 14:9)

1. Kafedra avtomatiki Khar'kovskogo gornogo instituta.  
(Furnaces)  
(Radioactive substances--Industrial applications)  
(Coal--Analysis)

KOBYAKOV, B.S., kand. tekhn. nauk; PARKHOMENKO, V.V., inzh.

Two-channel ash content  $\gamma$ -analyser operating as a transducer  
in an automatic control system. *Izv. vys. ucheb. zav.; gor.*  
shur. 6 no.10:101-102 '63. (MIRA 17:2)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i  
vychislitel'noy tekhniki.



**KOBYAKOV, B.S.**

Effect of secondary gamma radiation on the results of  
measuring coal ash. Nauch. trudy KHGI 11:50-51 '62.

Conditions for the maximum continuous control of the rela-  
tionship of the components of minerals. '52-53

(MIRA 16:11)

FROLOV, Ivan Timofeyevich; VIKTOROVA, V.Ye., red.; KOHYAKOV, G.G.,  
ed. red.

[Methodology of biological research in outline; the system  
of biological methods] Ocherki metodologii biologicheskogo  
issledovaniia; sistema metodov biologii. Moskva, Myal',  
1965. 285 p. (MIRA 18:7)

NOVIK, Il'ya Bentsionovich; RYZHOVA, M.A., red.; KOBYAKOV, G.G.,  
ml. red.

[Modeling of complex systems; a philosophical essay] O  
modelirovani slozhnykh sistem; filosofskii ocherk. Mo-  
skva, Nysl', 1965. 332 p. (MIRA 18:10)

KOBYAKOV, I., gvardii general-mayer tankovykh voyak, Geroy Sovetskogo  
Soyusa

Training on a complex theme. Voen. vest. 42 no.3:45-52  
Mr '63. (MIRA 17:1)

USMANOV, Yu.A., zasl. deyatel' nauki Bashkirskoy ASSR, otv. za vypusk;  
KHRIZMAN, I.A., glav. red.; KOPYAKOV, I.A., red.; ABDUL'MENEV,  
M.I., red.; DYMENT, O.N., red.; IMAYEV, M.G., red.; MOSKOVICH,  
S.M., red.; ROZHDESTVENSKIY, V.I., red.; SERGEYEV, L.I., red.;  
SIMONOV, V.D., red.

[Chemicalisation of agriculture in Bashkiria] Khimizatsiia sel'-  
skogo khoziaistva Bashkirii; trudy konferentsii. Ufa, Bashkirskoe  
respublikanskoe pravlenie Vses. khim. ob-va im. D.I. Mendeleeva.  
No.1. 1959. 117 p. (MIRA 16:1)

1. Respublikanskaya konferentsiya po voprosam khimizatsii sel'-  
skogo khozyaystva BASSR  
(Bashkiria—Agricultural chemistry)

L 23023-66 EWT(1)/EWT(m)/EPT(n)-2/T/EWP(t)/ETC(m)-6 IJP(e) JD/WW

ACC NR: AP6009665 SOURCE CODE: UR/0181/66/008/003/0305/0808

AUTHORS: Morozov, A. I.; Kobyakov, I. B.; Kisil', I. I.

75  
71  
8

ORG: All-Union Scientific-Research Institute of Single Crystals,  
Khar'kov (Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov)

TITLE: <sup>2/</sup> Acoustoelectric interaction in hexagonal zinc sulfide

SOURCE: Fizika tverdogo tela, v. 8, no. 3, 1966, 805-808

TOPIC TAGS: zinc sulfide, semiconductor carrier, semiconductor conductivity, piezoelectric property, acoustic speed, dielectric constant, photoeffect, electron mobility

ABSTRACT: For the purpose of determining the interaction between sound waves and free carriers in semiconductors of the  $A^{II}B^{VI}$  type, which have piezoelectric properties, the authors determined the coefficients of electromechanical coupling ( $K_{33}$  and  $K_{15}$ ), the speed of sound of the longitudinal waves along the optical axis, and the speed of the shear waves in a direction perpendicular to the optical axis)

Card 1/3

L. 23023-66

ACC NR: AP60c9665

in single crystals of  $\alpha$ -ZnS grown from the melt in an argon atmosphere under pressure. They investigated the electron absorption and the acoustoelectric effect as functions of the intensity and spectral composition of illumination applied to the crystal. The dark damping of the longitudinal waves along the c axis and of the shear waves in a direction perpendicular to it were found to be 0.35 db/cm and 0.50 db/cm, respectively. The values obtained for  $K_{33}$ ,  $K_{15}$  were 0.127 and 0.054 respectively, for  $d_{33}$  and  $d_{15}$  the values were 9.7 and  $-8.4 \times 10^{-8}$  cm/statvolt. The dielectric constant was 8.7 in both directions. The longitudinal and transverse velocities by both the pulsed and the resonance method were  $5.92 \times 10^{-5}$  and  $2.68 (2.67) \times 10^{-5}$  cm/sec, respectively. The electron absorption was almost linear with the applied illumination. With changing illumination intensity, the average acoustoelectric field exhibits a plateau, which is in satisfactory agreement with the theory. The acoustoelectric voltage had a variation similar to the electron absorption. The investigated  $\alpha$ -ZnS crystals were found to have n-type conductivity, with approximate electron mobility  $80 \text{ cm}^2/\text{sec-v}$ . The results are in agreement

Card

2/3

L 23023-66  
ACC NR: AP6009665

with the theory of electron-phonon interaction in piezoelectric crystals. The authors thank S. G. Kalashnikov and V. A. Koptsik for interest in the work and M. Z. Zemlyanitsin for help with the measurements. Orig. art. has: 3 figures, 3 formulas, and 2 tables.

SUB CODE: 20/ SUBM DATE: 26Jul65/ ORIG REF: 003/ OTH REF: 004

Card

3/3 cc



AUTHORS: Koptsik, V.A. and Kobyakov, I.B. SOV/70-4-2-14/36

TITLE: The Dielectric, Piezoelectric and Elastic Properties of Cancrinite (Dielektricheskiye, p'yezoelektricheskiye i uprugkiye svoystva kristallov kankrinita)

PERIODICAL: Kristallografiya, 1959, Vol 4, Nr 2, pp 223-225 (USSR)

ABSTRACT: The mineral cancrinite is closely related to nepheline and has the formula  $(Na_2Ca)_4[AlSiO_4]_6CO_3 \cdot (H_2O)_{0-3}$ . Its hardness is 5-5.5 and density 2.42-2.48. The space group appears to be  $C_6 = C6_3$  but the piezoelectric properties agree better with the group  $6m$ . Crystal plates were cut correctly oriented to  $\pm 5'$ . Dielectric susceptibilities were measured as  $\epsilon_{11} = \epsilon_{22} = 9.5 \pm 0.1$  and  $\epsilon_{33} = 11.2 \pm 0.3$  at room temperature with a bridge circuit working at 50 c.p.s. The loss at 20 kc/s was  $\tan \delta \sim 0.01$  and the dielectric strength was about 30 kV/mm. The piezoelectric and elastic constants were measured dynamically by conventional resonance methods.

Card1/4

SOV/70-4-2-14/36

The Dielectric, Piezoelectric and Elastic Properties of Cancrinite

Of the three piezoelectric moduli  $d_{31}$ ,  $d_{33}$  and  $d_{15}$ , the last could be determined directly and was (averaged from 10 specimens):

$$d_{15} = -(27 \pm 4) \times 10^{-8} \text{ c.g.s.u.}$$

with an electromechanical coupling coefficient  $k$  of about 15%. From indirect measurements  $d_{33}$  was found to be  $(13 \pm 5) \times 10^{-8}$  and  $d_{31}$   $(\pm 2 \pm 3) \times 10^{-8}$  c.g.s.u. The coefficient of electromechanical coupling corresponding to  $d_{32} = (14.9 \pm 0.3) \times 10^{-8}$  was 13%. The elastic compliances were found to be  $s_{44} = (4.2 \pm 0.1) \times 10^{-12}$  cm<sup>2</sup>/dyne;  $s_{44} = 1/c_{44} = (4.3 \pm 0.2) \times 10^{-12}$ ;  $s_{66} = 1/c_{66} = (3.5 \pm 0.1) \times 10^{-12}$  directly from principal cuts. The other values were derived from 3 groups of

Card2/4

SOV70-4-2-14/36

The Dielectric, Piezoelectric and Elastic Properties of Cancrinite

crystals cut with  $\theta = 45, 60$  and  $75^\circ$  and were:

$$\begin{aligned} s_{11} &= (2 \pm 0.3) \times 10^{-12}; & s_{33} &= (1.3 \pm 0.1) \times 10^{-12} \text{ and} \\ s_{13} &= (0.3 \pm 0.2) \times 10^{-12} \text{ cm}^2/\text{dyne.} & \text{As } s_{66} &= 2(s_{11} - s_{12}). \\ s_{12} &= (0.2 \pm 0.3) \times 10^{-12} \approx 0 \text{ as } s_{12} & \text{cannot be} \end{aligned}$$

positive. The crystals were rather imperfect and considerable variations between specimens were found. It is concluded that cancrinite does not come up to quartz as regards elastic properties but exceeds it in piezoelectric activity and in effectiveness of radiating and picking up u/s vibrations both in longitudinal and in torsional modes. It is therefore important to produce artificial crystals.

Acknowledgments are made to G.P. Barsanov and D.P. Grigor'yev. There are 1 figure, 1 table and 10 references, 8 of which are Soviet and 2 German.

Card3/4

The Dielectric, Piezoelectric and Elastic Properties of Canerinite <sup>SOV/70-4-2-14/36</sup>

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

SUBMITTED: November 15, 1958

Card 4/4

I 36406-56 ENT(m)/T/EMP(t)/ETI IJP(c) JD

ACC NR: AP6018771

SOURCE CODE: UR/0070/66/011/003/0419/0421

AUTHOR: Kobyakov, I. B.

ORG: All-Union Scientific Research Institute of Single Crystals, (Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov)

TITLE: Piezoelectric, elastic and dielectric constants of hexagonal zinc sulfide

SOURCE: Kristallografiya, v. 11, no. 3, 1966, 419-421

TOPIC TAGS: zinc sulfide, piezoelectric modulus, elastic modulus, dielectric constant, resonance method, tensor analysis, semiconducting material

ABSTRACT: The resonance method was used to obtain the elastic, dielectric, piezoelectric and electromechanical coefficients of  $\alpha$ -ZnS. The isotropic tensor of dielectric permeability was developed. Single crystals of ZnS were grown from the melt under an inert gas:  $10 \times 3 \times 1.2$  mm and  $15 \times 2.8 \times 2.8$  mm bars and  $15 \times 15 \times 0.8$  mm squares. Indium or silver was diffused onto the plate surfaces to serve as electrodes. The experimental conditions for obtaining the constants were listed individually; different sections of the crystals were measured (X, Y and Z) and the resonator frequencies for particular runs were given along with all constants measured during the run. In some instances the equivalent capacity, equivalent inductivity and equivalent contour were listed. The piezoelectric constants were also determined by a static method and it was

Card 1/2

UDC: 548.0 : 537.226

L 36406-66

ACC NR: AP6018771

4

found that  $d_{33}$  was positive while  $d_{15}$  and  $d_{31}$  were negative. It was established that  $\alpha$ -ZnS is a weak piezoelectric material with  $d_{33} = 9.7 \cdot 10^{-8}$  cm/stat-volt,  $d_{31} = -3.4 \cdot 10^{-8}$  cm/stat-volt and  $d_{15} = -8.4 \cdot 10^{-8}$  cm/stat-volt. Nevertheless, the high specific resistivity allows the use of this material in various types of electromechanical transformers. Further work on the temperature dependence of the above constants is essential to increase the range of applicability of  $\alpha$ -ZnS and to elucidate the isotropic tensor of dielectric permeability. The author thanked I. M. Sil'vestrova for valuable consultations, I. I. Kisil', N. I. Kraynyukov for submitting the samples, and Ye. Ye. Ovechkina for assistance in the work. Orig. art. has: 1 table, 3 formulas.

SUB CODE: 20, 66 / SUBM DATE: 14Jun65/ ORIG REF: 001/ OTH REF: 005

Card 2/2/116P

RUDENYI, M.M.; VIKSLER, A.S.; KOBYAKOV, I.F.

Stabilised source of sinusoidal current for checking devices used for electric measurements. Trudy VNIIM no.38: 110-117 '59. (MIRA 13:4)  
(Electric meters)

situated on the front panel. 4 references. [Abstractor's note:  
Complete translation.]  
Card 1/1

UL'YANOV, M.Yu.; KOBYAKOV, N.M.

Programming electronic device for the automatization of experiments  
in elaborating temporary connections. Zhur. vys. nerv. deiat.  
11 no.6:1134-1136 N-D '61. (MIRA 15:3)

1. Chair of Normal Physiology, Gorky Medical Institute.  
(PSYCHOLOGY, PHYSIOLOGICAL—EQUIPMENT AND SUPPLIES)



ALEKSANDROV, A.I., kandidat tekhnicheskikh nauk; KOBYAKOV, N.P., master-rasmetchik; POSHLOK, I.N., inshener, retsenzent; BREKCAN, V.Yu., inshener, redaktor.

[Layout work] Razmetochnoe delo. Sverdlovsk, Gos.nauchno-tekhn.isd-vo mashinostroit.i sudostroit.lit-ry [Uralo-Sibirskoe otd-nie] 1953.  
259 p.  
(MIRA 7:4)  
(Machinery--Construction)

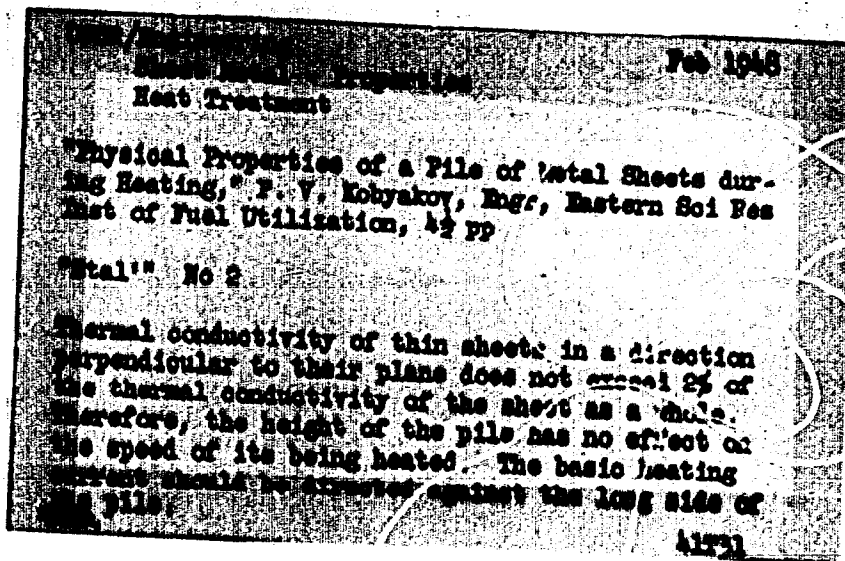
SHVARTSMAN, L.M.; KOBYAKOV, O.S.; KOSTIN, Yu.P.

Checkrowing with an automatic electronic device. Isv.  
AN Us.SSR.Ser.tekh.nauk. no.3:68-70 '60.  
(MIRA 13:7)

1. Institut mekhaniki AN UsSSR.  
(Sowing) (Automatic control)

KOBYAKOV, P. V.

PA 41T31



П.А. КОБЯКОВ, П. В.

0.

№51. OPERATION OF RECUPERATORS OF ROLLING MILL FURNACES.  
Kobyakov, P.V. and Kotrochskii, M.M. (2a kon. opliva (Fuel  
"con.), Mar. 1952, 8-12). Description and performance figures  
are given for recuperators in use, and suggestions are  
made for improvements. (L).

KOBYAKOV, F.V.

LEBEDEV, Nikolay Sergeyevich; KOBNIN, B.F., kandidat tekhnicheskikh nauk,  
retsenzent; KOBYAKOV, F.V., kandidat tekhnicheskikh nauk,  
nauchnyy redaktor; DOGILYA, N.A., tekhnicheskiy redaktor

[Gas heat-treatment furnaces; construction and operation] Gazovye  
nagrevatel'nye pechi; konstruktsei i ekspluatatsiia. Moskva.  
Gos. nauchno-tekhn. iss-vo mashinostroi. lit-ry, 1956.

185 p.

(Furnaces, Heat--Treating)

(MLRA 10:4)

TRAYANOV, G.G.; KOBYAKOV, P.V.; KOHEVA, L.F.

Characteristics of the operation of gas-fired heating-furnace burners  
for the combustion of propane-butane. Gaz.prom. 10 no.5:21-23 '65.  
(MIRA 1816)

BIRKHOFF, A.L., dots.; DARINSKIY, A.V., dots.; KOBYAKOV, S.G., dots.;  
NEVEL'SHTYK, G.S., dots.; SOKOLOV, N.N., prof.; PETROV, V.V., prof.;  
MARCHENKO, A.I., dots.; KAMINSKIY, S.F., dots.; MININ, V.V., dots.;  
BOBOK, V.D., dots.; GOLOVANOV, S.S., red.; VISHNYA, L.P., red.;  
GNOSKO, N.G., tekhn. red.

[Leningrad Province; nature and economy] Leningradskaya oblast':  
priroda i khoziaistvo. [Leningrad] Lenizdat, 1958. 343 p.  
(MIRA 11:12)

1. Predsedatel' Leningradskoy oblastnoy planovoy komissii (for  
Golovanov).  
(Leningrad Province--Economic conditions)

KOBYAKOV, S.M., insh.

Using models in designing and assembling structures. Mont. 1  
spets. rab. v stroi. 23 no. 2:14-17 P '61. (MIRA 14:1)  
(Factories--Design and construction)



KOBYAKOV, V.; FISHOOT, V. (Moskva).

Management without divisional shops proved its value. Prom. koop. 12  
no. 2:25 P '58. (MIRA 11:1)

(Moscow--Industrial management)

L 8783-66 EWT(d)/EWT(1)/EWA(h)/TSS..2

ACC NR: AP5028144

SOURCE CODE: UR/0106/65/000/011/0075/0078

AUTHOR: Kicha, F. F.; Kobyakov, V. I.

ORG: none

TITLE: Using LC-circuits in square-radio-pulse integrators

SOURCE: Elektrosvyaz', no. 11, 1965, 75-78

TOPIC TAGS: radio telegraphy, phase shift keying

ABSTRACT: The problem of linear pre-detector integration intended to divide dense spectra of subcarriers, in phase-shift radio-telegraph systems, is described. A linear integrator is an optimal filter for square radio pulses. For some types of the multi-channel radio-telegraph receiver, where the requirements of the integrator parameters are not very strict, a single LC-oscillatory circuit can act as an integrator. Ferromagnetic core circuits (with initial permeabilities of 1500 and 2000) are recommended for the audio frequency band. Calculations based on Soviet-made-material data indicate that the cores with an effective permeability of 70-80 would exhibit an acceptable ambient-temperature stability and that an additional temperature compensation may reduce the temperature coefficient of frequency down to (10-15) x 10^-8. Orig. art. has: 6 figures and 2 tables.

SUB CODE: 17 / SUBM DATE: 17Mar65 / ORIG REF: 002 / OTH REF: 001

jw  
Card 1/1

UDC: 621.396.621:76:621.396.235.9

58  
B

BULAKH, G.D.; KOBYAKOV, V.M.

Effect of the temperature on the general flexure of reinforced  
concrete floating docks. Sudoren. i sudostr. no.2:147-153  
'63. (MIRA 17:4)

1. Odesskiy institut inzhenerov morskogo flota.

GABEL'KOVA, N. A.; KOBYAKOV, Y. V.

"Frequencies and the Shape of NH and ND Bands in Muscle Proteins and their Relation to the Conformation of the Polypeptide Chain."

report submitted to 11th Intl Spectroscopy Colloq, Belgrade, 30 Sep-4 Oct 63.

Inst Biochemistry, AS USSR, Moscow

GABELOVA, N.A.; KOBYAKOV, V.V.

Structure of muscle proteins in relation to the problem of  
muscle contraction. Biofizika 7 no.4:387-401 '62. (MIRA 15:11)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.  
(PROTEINS) (MUSCLES—MOTILITY)

GABELOVA, N.A.; KOBYAKOV, V.V.; KOFMAN, Ye.B.

Structural shifts in actomyosin detected by the infrared spectroscopic method. Report no.1:Stretching, heating, hydration. Biofizika, 7 no.2:125-136'62. (MIRA 16:8)

1. Institut biologicheskey fiziki AN SSSR, Moskva.  
(ACTOMYOSINS—SPECTRA) (SPECTRUM, INFRARED)

KOBYAKOV, V.V.; GABKOVA, N.A.

Conditions of  $\alpha$ - $\beta$  transition in actomyosin films during stretching. Biofizika 7 no.6:691-699 '62. (MIRA 17:1)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

KOBYAKOV, Yu.O.

One cycle in 24 hours on a low-thickness seam, Ugel' Ukr. 2 no.12;  
8-9 D '58. (MIRA 12:1)

1. Nachal'nik uchastka No.1 shakhty "TSentral'nyaya-Belyanka" trest  
Leninugol'.  
(Coal mines and mining)



KOBYAKOVA, A. A.

Conference of Young Experts of the Main Geophysical Observatory  
imeni A. I. Veyekov (by Gayevskaya, G. H.)

50-2-22/22

28-29 Oct 1957.

~~Собеседние~~ ((~~Собеседние~~))  
The lecture held by A. A. Kobyakova, on the application of electronic machines for the preliminary computations of the pressure field was very interesting. The audience was enabled to become acquainted with the works of the young experts of the geophysical main observatory which were written in the time from 1956 to 1957, as well as with a recording device which records the transparency of the atmosphere and was developed and constructed by V. I. Goryshin.

AVAILABLE: Library of Congress

Meteorologiya i Gidrologiya, 1958, No. 2, pp. 61-61.

Card 3/3

YUDIN, M.I., KOSYAKOVA, A.A.

Forecasting the  $\bar{h}_{500}$  and  $\bar{h}_{850}$  pressure fields by the use of the  
"Strela-3" electronic calculating machine. Trudy TSIP no.10613-19  
'60. (MIRA 13:12)

(Atmospheric pressure)  
(Electronic calculating machines)

DUBOV, A.S., KOPYAKOVA, A.A.

Problem of AT300 forecasting. Trudy GGO no.121:59-66 '61.  
(Weather forecasting) (MIRA 15:5)

ACCESSION NR: AT4016868

S/2531/63/000/143/0014/0022

AUTHOR: Dubov, A. S.; Kobyakova, A. A.

TITLE: Experience in forecasting the fields of pressure, temperature and vertical currents in the lower stratosphere.

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy\*, no. 143, 1963, Voprosy\* chislennogo prognoza i struktura meteorologicheskikh poley (Problems in numerical forecasting and structure of meteorological fields), 14-22

TOPIC TAGS: troposphere, meteorology, baroclinic quasi-geostrophic model, weather forecasting, atmospheric pressure field, air temperature, air pressure, atmospheric vertical currents, stratosphere, lower stratosphere, atmospheric geopotential

ABSTRACT: The results of 13 one-day and two-day forecasts of the geopotential and temperature fields for the 200 millibar level are analyzed. The choice of the 200-mb level is not ideal but was selected because data were not available for higher levels. A baroclinic quasi-geostrophic model is used. Temperature forecasts for 48 hours in advance were successful, as illustrated by Enclosure. Correlation of the fields of vertical velocities, computed for the same period for the purpose of one-day and two-day forecasts, revealed no relationship

CS/1/8  
2

ca

11 2

Prevailing direction of enzymic action as an index of drought resistance in cultivated plants. II. Prevailing direction of protease action in drought-resistant and non-resistant strains of wheat. N. Shashyn and A. Kobryakova. *Doklady S. 790-808(1958); cf. C. A. 52, 977.*

*In vitro* readings of a drought-resistant wheat plant, synthesis declined from 29.1 to 5.0 mg. N, when the water content was reduced by 50%. Under the same conditions the hydrolytic activity of protease increased 1.65 mg. N. Non-resistant strains completely lost their synthetic activity when the water content was reduced 20-40%. Withering of plants by drought is said to be intimately connected with a disturbance of the inherent enzymic equilibrium of the living tissues, whereby the hydrolytic activity becomes excessive and the synthetic action is lost. H. C.

*Instit. of Botany of the Academy of Sciences, USSR, Moscow*

AG-512 A AGRICULTURAL LITERATURE CLASSIFICATION

ca

110

Prevaling direction of enzymic action as an index of drought resistance in cultivated plants III. The displacement of the enzymic equilibrium as a cause of the destruction of plant cells by drought. N. M. Noshayev and A. K. Kozlovskaya, *Sudzhensk* 6, No. 2, 202 (1960). *Russk. Khim. Zh.* 1960, No. 9, 42, cf. *ibid.* 33, 429.

The direction of the activity of invertase and protease in the leaves of 2 grades of wheat (the staid to drought "hystron-102" and the unstable to drought "masht") which were grown in sand cultures on Hettner's soil was investigated. The moisture content was regulated by the addition of water. It was found that the loss of activity in leaves is due to the irreversible displacement of the enzymic activity in the direction of hydrolysis which disturbs the equal. between the processes of building up and destruction of live matter and leads to the self-destruction of the protoplasm. In the grade unstable to drought this phenomenon takes place at a smaller water content stage than in the staid grades. W. R. Howe

*Inst. of Biochem of the Academy of Sciences, USSR, Moscow*

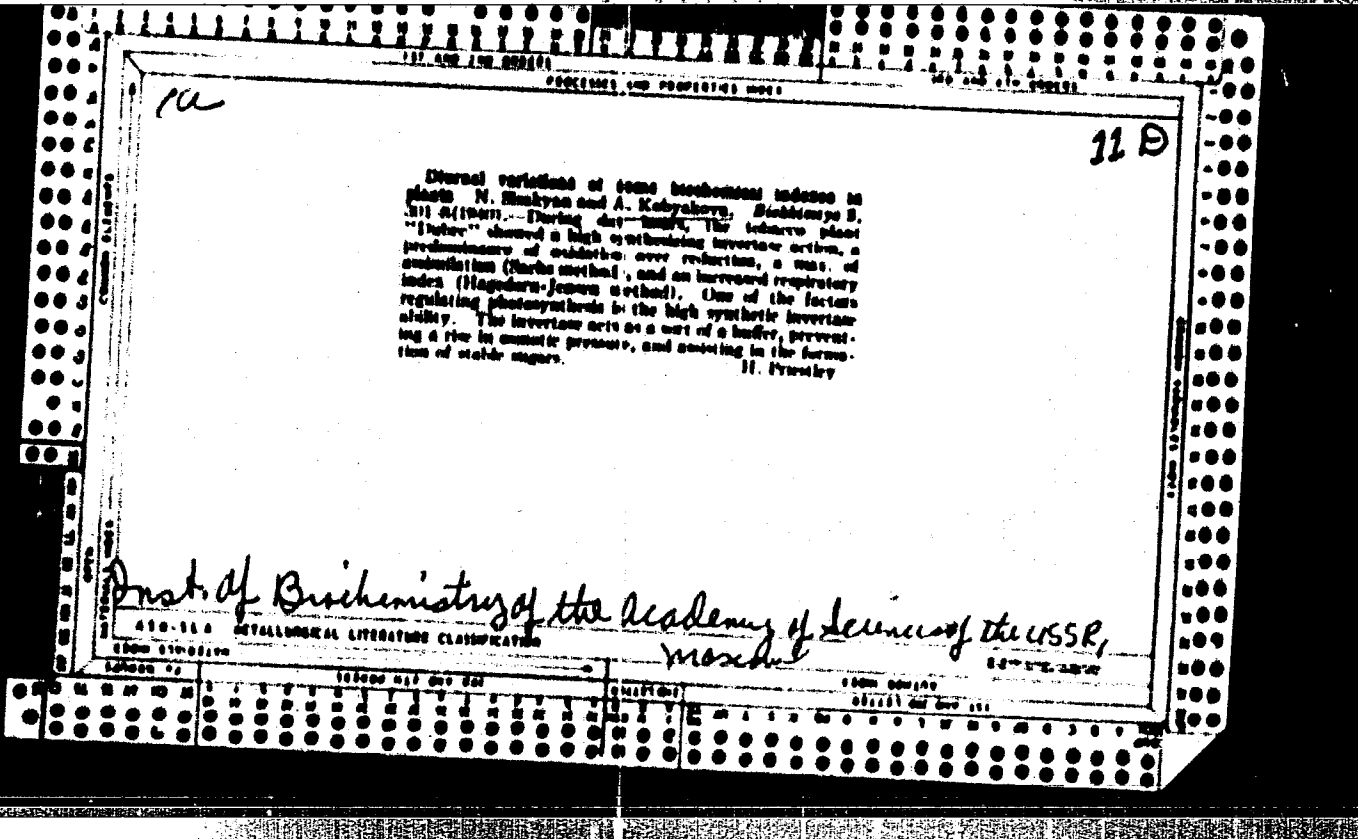
400-310 METALLOGICAL LITERATURE CLASSIFICATION

CA

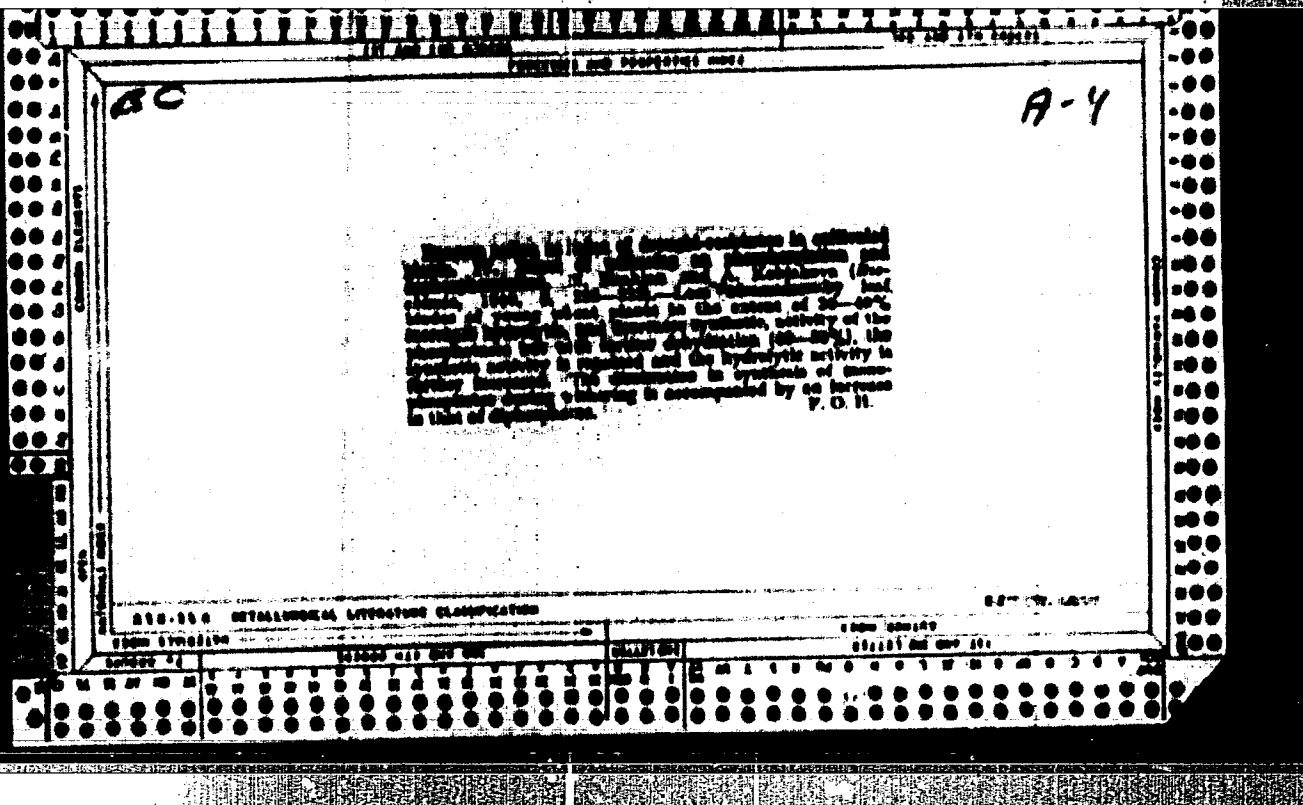
110

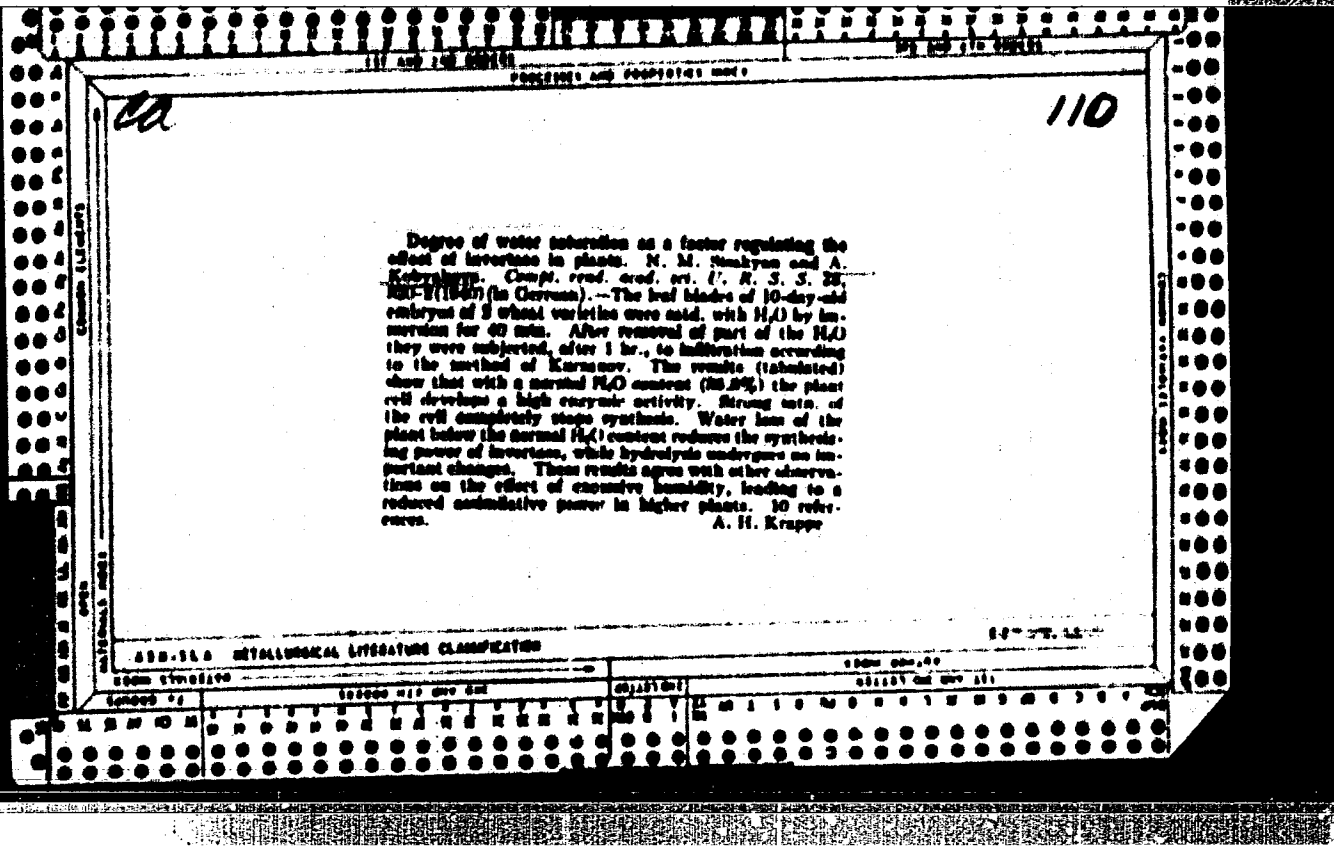
The preceding freedom of enzyme action as an index of drought resistance in cultivated plants. IV. The effect of withering upon the trend of the process of esterification and hydrolysis of phosphoric esters in plants. N. M. Shubyn and A. Koryshova, *Biochemistry* 5, 226-23 (1967); cf. C. A. 34, 1476. — By the method of vacuum infiltration, the phosphatase activity in the leaf blades of young sprouts of different sorts of wheat was investigated. The synthesizing activity of the phosphatase is decreased and the hydrolyzing activity increased when 20-40% of the water is lost from the leaves. The phosphatase activity increases when the water deficit is still further increased (40-80%); the hydrolyzing activity likewise increases. No correlation exists between the synthesizing activities of invertase and of the phosphatase in the course of withering the amt. of monophosphates decreases, while the di-phosphate content simultaneously increases. II. Tsvetkov

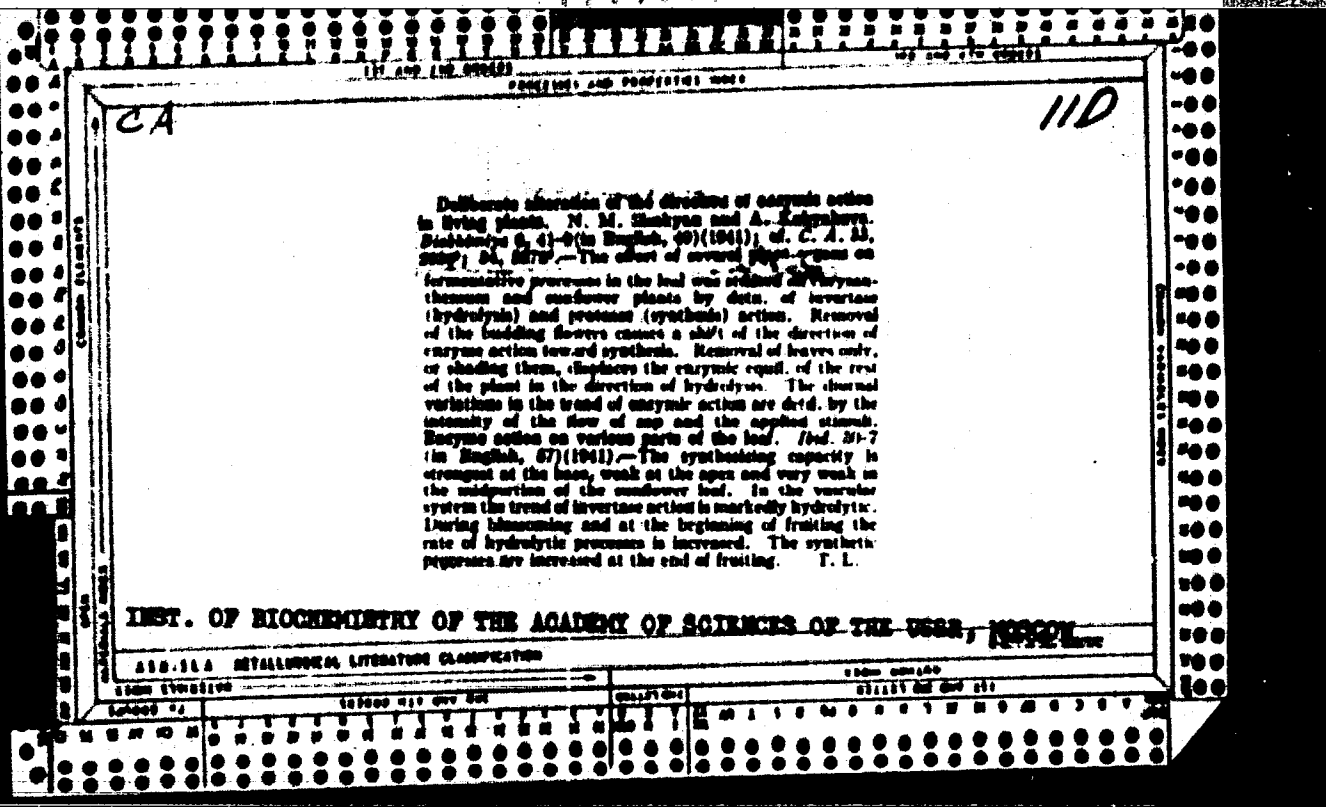
Inst. of Biochemistry of the Academy of Sciences, USSR  
 METALLOGICAL LITERATURE CLASSIFICATION  
 Moscow





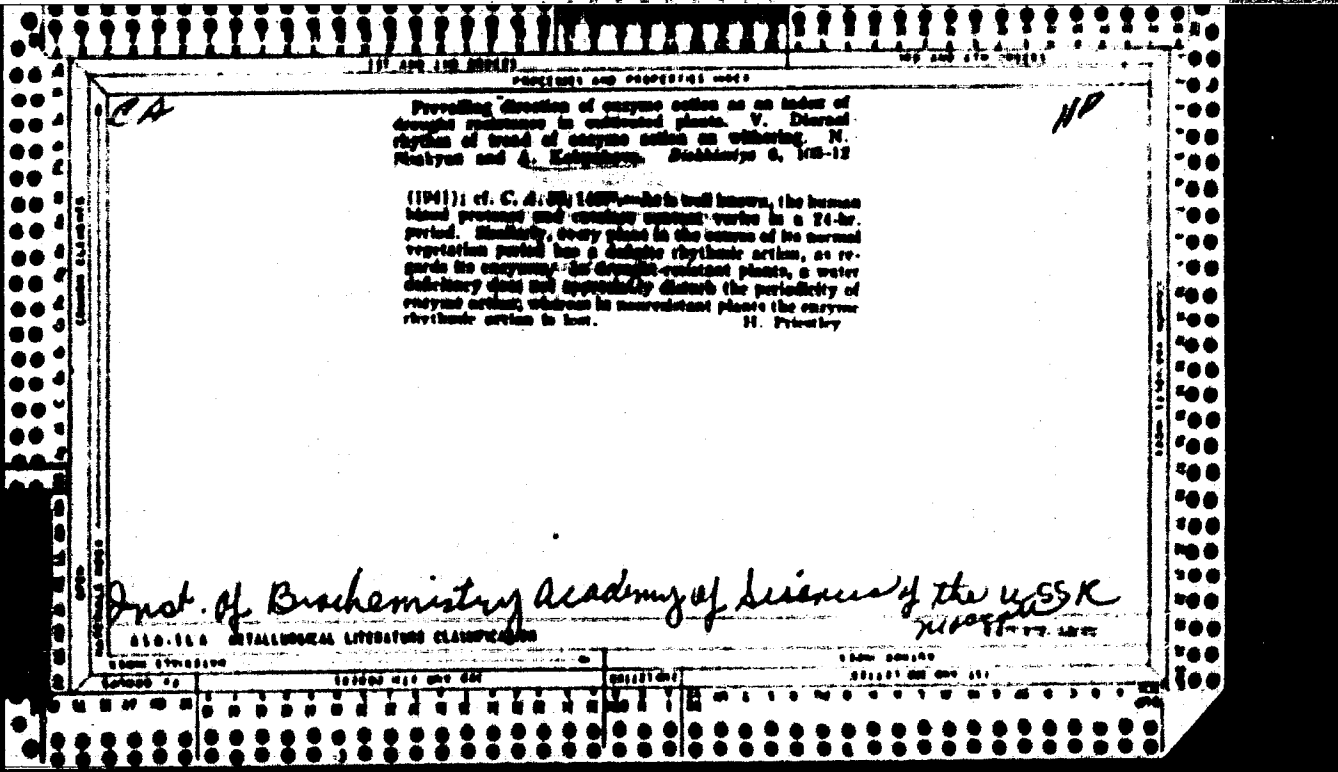






KOBYAKOVA. A,

The action of enzymes in different parts of the leaf. M. SIRAKYAN AND  
A. KOBYAKOVA ( INST. OF BIOCHEMISTRY OF THE ACADEMY OF SCIENCES OF THE USSR  
, MOSCOW) BIOKIMIYA 6, no.1, p. 50, 1941.



CA

11 D

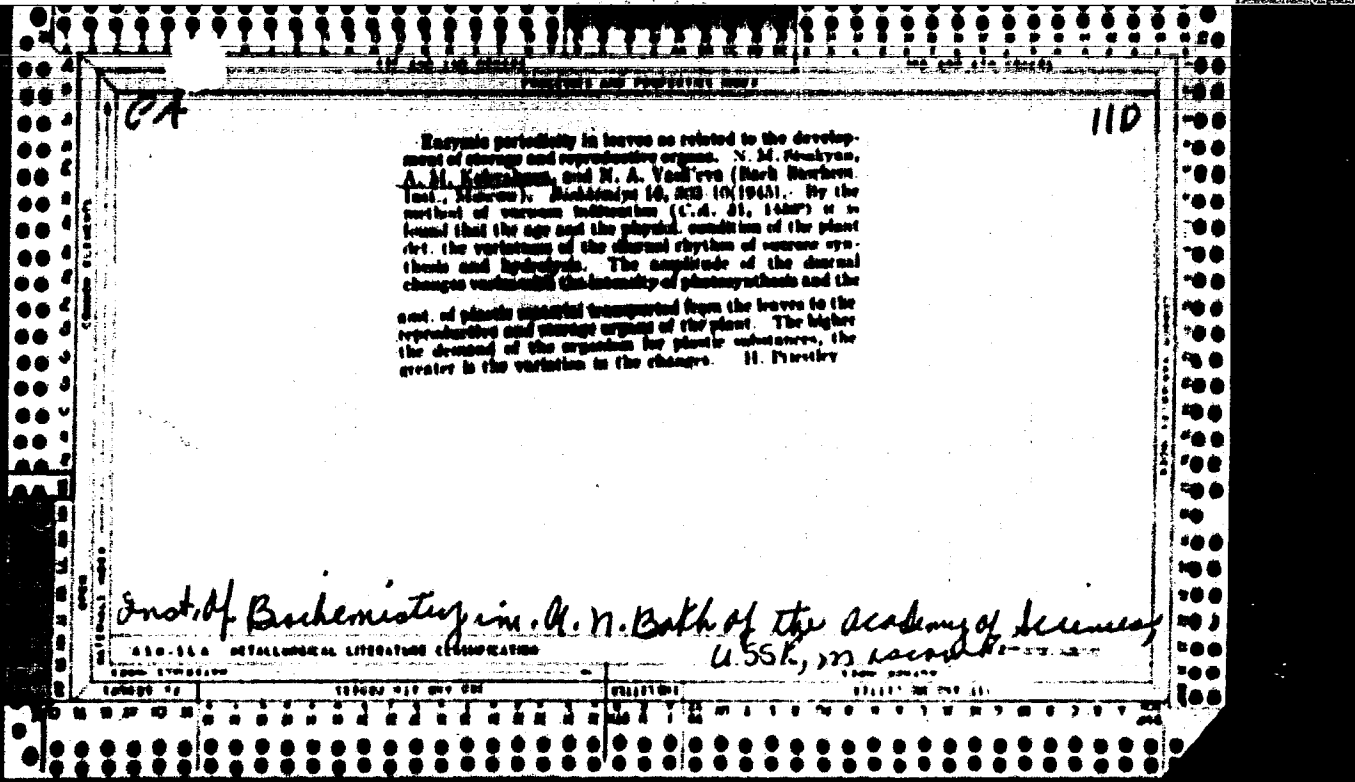
PROBLEMS AND PROPERTIES

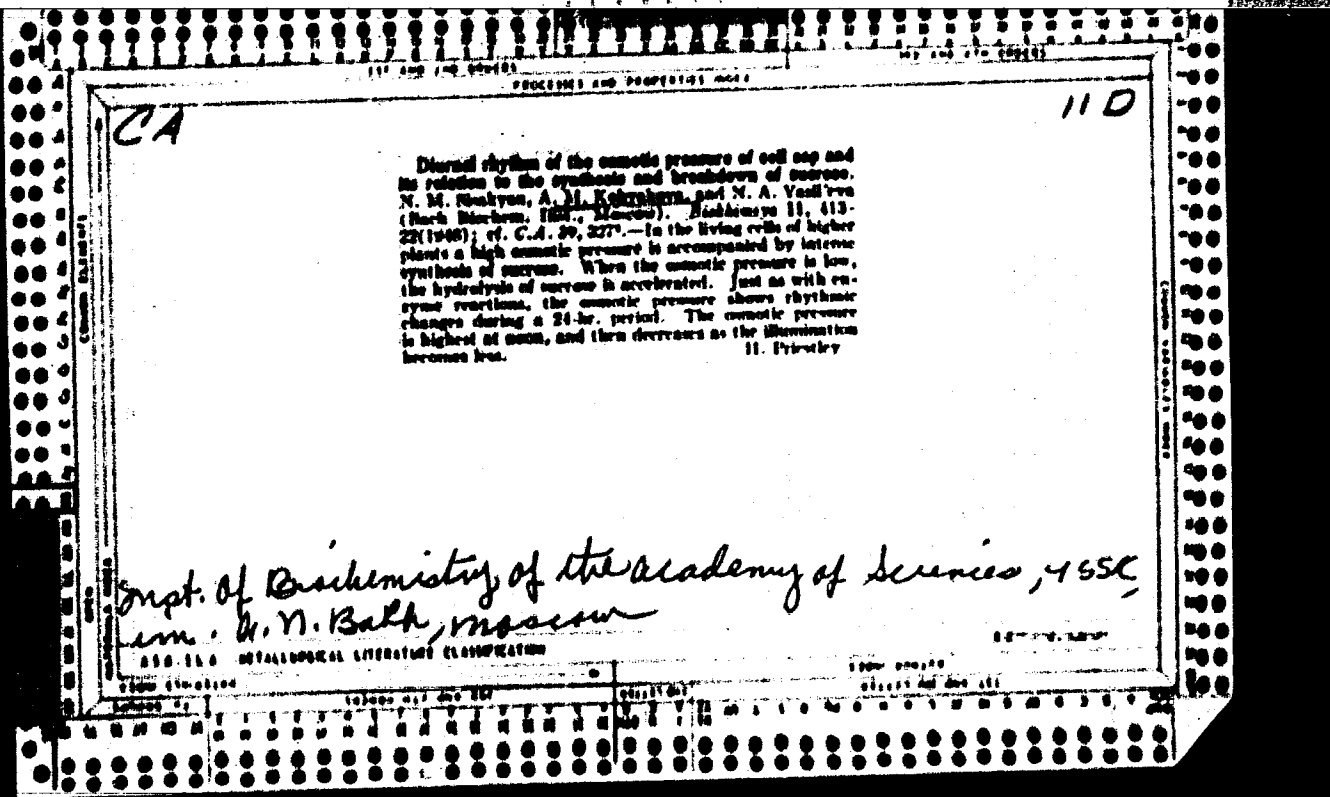
Role of the osmotic factor in determining the direction of osmotic action in the living plant cell. N. M. Pashkov and A. M. Kabanov. *Doklady* 9, 129-31 (1911).

The osmotic pressure of the cell was varied by introducing into the leaves, through vacuum infiltration, a mist of invert sugar with dissolved or undissolved, or a mist of sucrose with the polyphosphoric acid, depending on the purpose of the experiment. The synthetic processes of invertase in the living plant cell are enhanced by increasing the amount of osmotically active substances. Depending on the nature of the plant, the activity of invertase increases on raising the amount of the substance introduced (invert sugar plus sucrose) from 0.1 to 0.25-0.50 M. The hydrolytic processes are increased in cases where the osmotic pressure is raised to such a level as to cause dehydration. Higher concentrations, which cause plasmolysis (C. J. 10, 2010), result in a reduction in both the synthetic and hydrolytic effects.

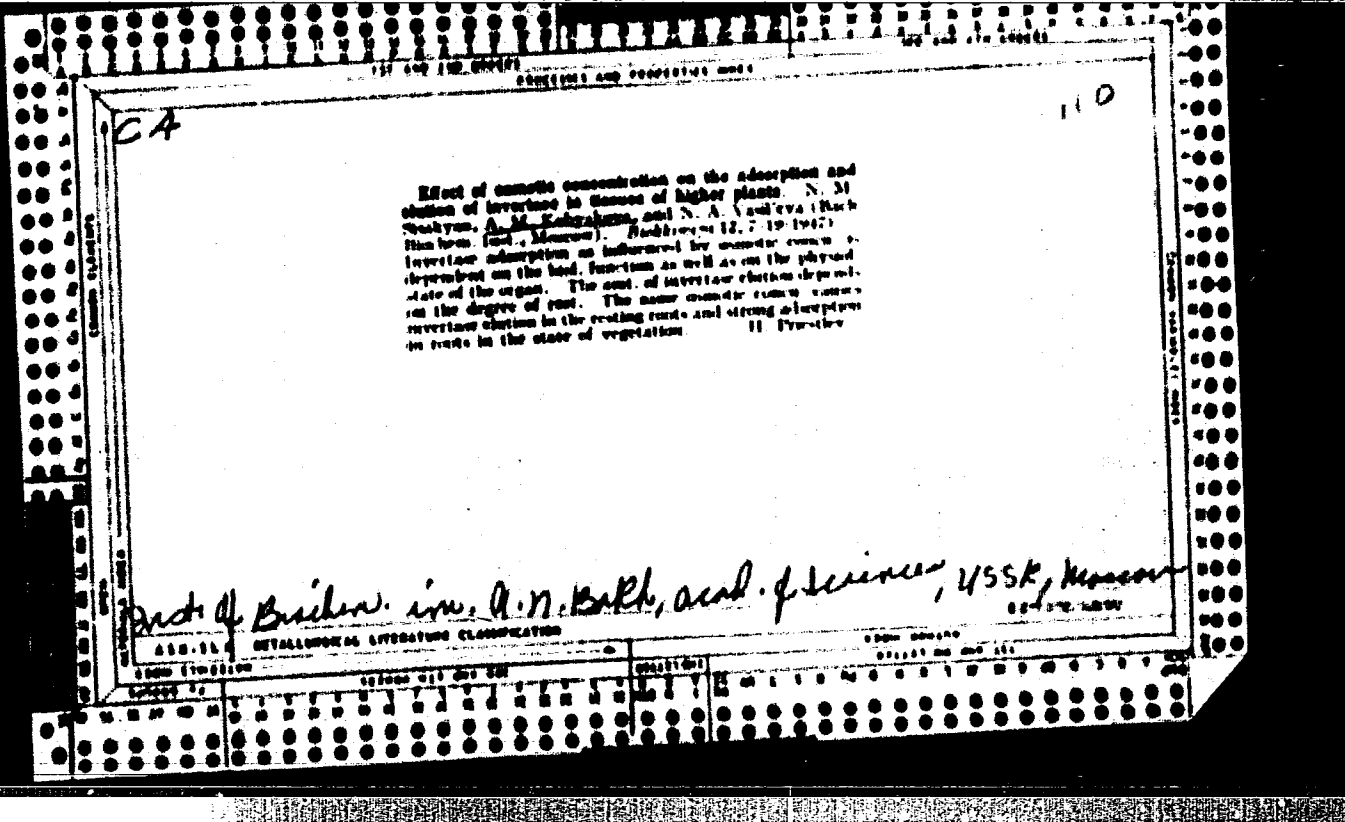
H. Priestley

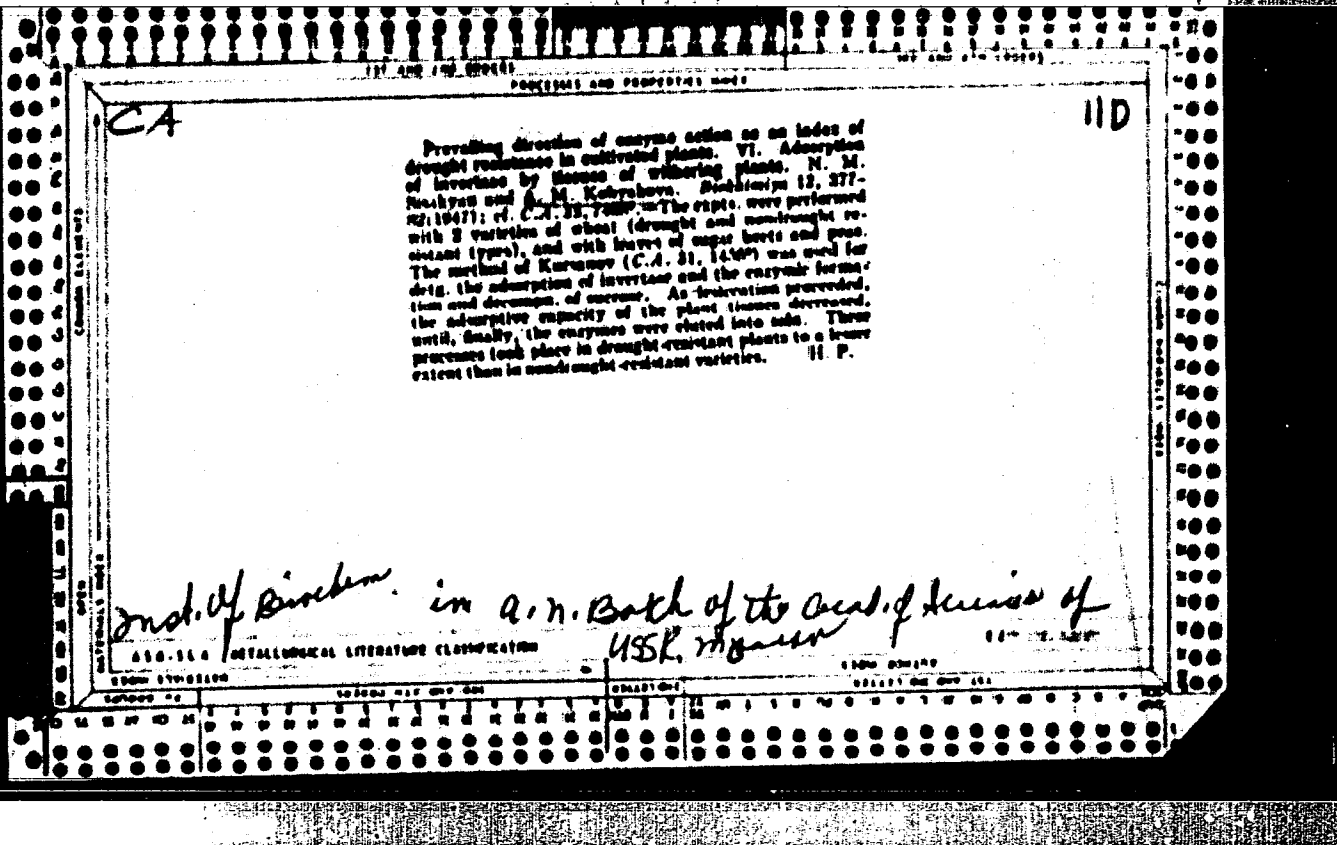
*Instit. of Biochemistry of the Academy of Sciences of the USSR*  
*Moscow*











*Factors that determine the intensity of adsorption of enzymes by plant tissues. N. M. Stokhyn and A. M. Kobryakova (A. N. Bakht. Institute, Moscow). Doklady Akad. Nauk S.S.S.R. 87, 803-4(1947). — Expts. with sugar beet showed that inorganic adsorption does not show a clear-cut correlation with osmotic pressure in the leaves, but in the root system there is a rapid rise of adsorption with increase of osmotic pressure. As osmotic pressure rises adsorption or fixation of the enzyme in turgid roots increases until at 23 atm. osmotic pressure a max. is reached, after which a decline sets in. In leaves the crit. pressure is about 18 atm.*

G. M. Kozlov

KOBYAKOVA, A. M.

USSR/Chemistry - Sucrose  
Chemistry - Sugar Beets

Aug 1947

"Daily Periodicity of the Absorption Ability in Plants and Its Relation to the Fermentative Synthesis of Sucroses," N. M. Sisakyan, A. M. Kobyakova, M. A. Vasil'yeva, Inst Biochem ineni A. N. Bakh, Acad Sci USSR, 1 1/2 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LVII, No 5

Describes experiments which lead to conclusion that roots of sugar beet possess capacity for intensive formation of sucrose after free invertase in them has been absorbed. Submitted by Academician A. I. Oparin, 20 Jan 1947.

PA 58710

CA

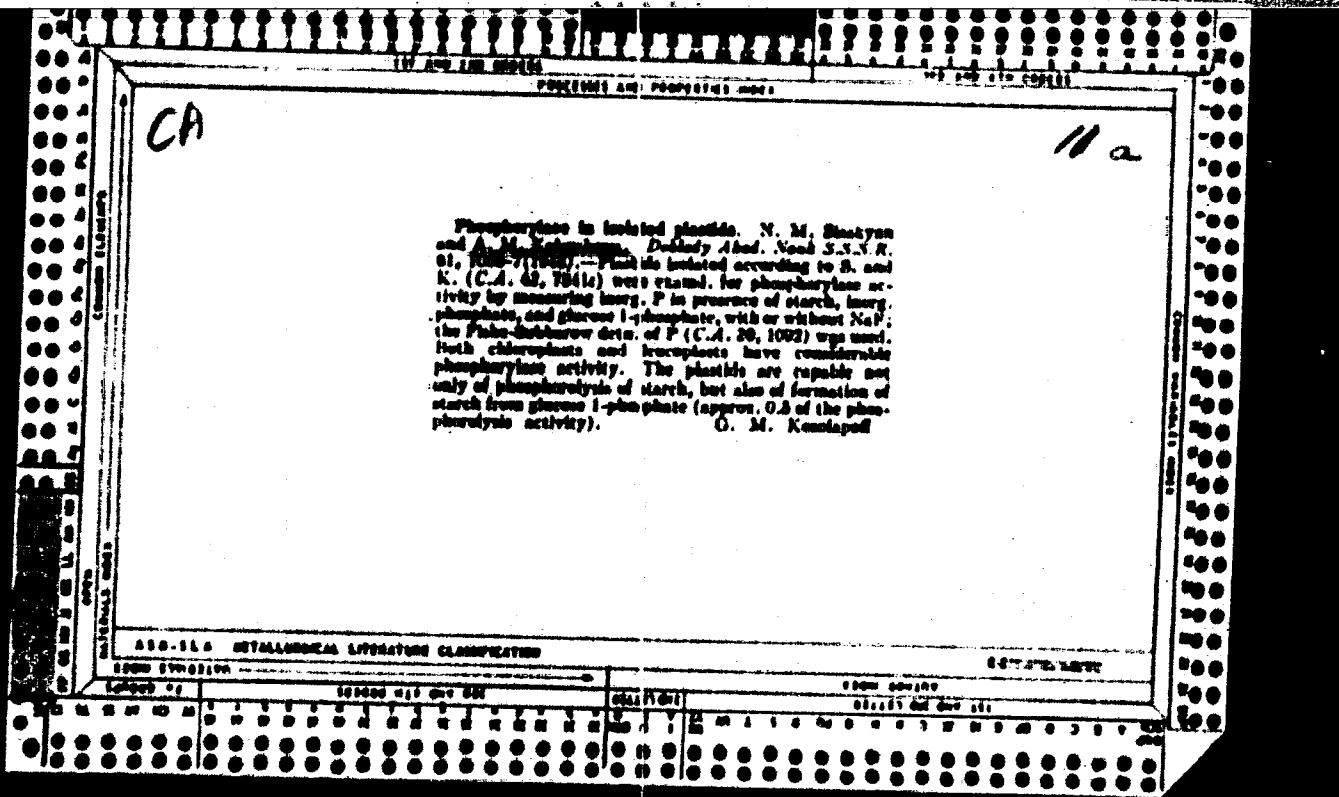
112

Activity and condition of enzymes in plastids. N. M. Shulygin and A. M. Kozlovskaya (Inst. Biochem. Acad. Sci., Moscow). *Doklady Akad. Nauk* (1968).--The enzymes pyruvate, aspartate, and malate were observed in chloroplasts, chromoplasts, and leucoplasts. The enzyme activity depends on the origin of the plastid material as well as on its physical condition. In plants which store sugar in plastids (predominantly root tubers), the reverse is true in plants which store starch. Most of the enzymes in the plastids are found in a stable adsorbed condition. In catalysis of the plastids, the enzymes go into solution. The more strongly the enzymes are adsorbed on the plastids, the less the enzyme activity prior to catalysis. The plastids can be regarded as a depot for isoenzymes. (I. P.)

INST. OF BIOCHEMISTRY IM. A.N. BAKH, ACADEMY OF SCIENCES, USSR, MOSCOW

ABO-514 DEVELOPMENTAL LITERATURE CLASSIFICATION SET-275-8200

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----



KOBYAKOVA, A. M.

37403. SISAKYAN N. M.; KARAPETIAN, V. K.; i KOBYAKOVA, A. M. Napravlenost' fermentativnogo prevrashcheniya uglevodov nasledstvenno karovykh form pshenits, izmenennykh v nasledstvenno osiaye formy. Problemy Biokhimii v "ichurinskoy Biologii, Sb. 1, 1949, s. 102-12 — Bibliogr: 11 izv.

SO: Ietopis' Zhurnal'nykh Statey, Vol. 7, 1949

CA

1/a

**Enzymic activity of protoplasmic structures.** N. M. Nukhyan and A. M. Andryakina. *Biochimica 14*, 40: 93(1979); cf. C.A.B. 78:17. A study was made of the activity of invertase, phosphorylase, peroxidase, and polyphenoloxidase of plastids (spinach, sugar beet, carrot), as regards the structures with which these enzymes are attached to the lipid-protein complex of the plastids. The enzymes are completely separated from the plastids by 2 hrs' centrifugation in a buffer solution. A rise in the osmotic pressure results in the passage of the adsorbed enzymes into solution. The optimum yield of enzymes by autolysis of plastids occurs at a definite pH. The adsorption band of the enzyme with the plastid lipid-protein complex is rather strong with invertase and peroxidase, and weak in the case of polyphenoloxidase and phosphorylase.

H. Prostky

THE INST. OF BIOCHEM. IM. AN. BAKH, OF THE ACADEMY OF SCIENCES, USSR, MOSCOW

ISS-14.0 METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----



D

Phosphotransferase activity of plastids. N. M. Sze-lyin and A. M. Kozlovskaya. *Doklady Akad. Nauk S.S.S.R.* 67, 713-4 (1960). — The substrate remaining after the action of plastid phosphorylase on starch contains a substance with difficultly hydrolyzable phosphate radical, apparently a substance analogous to glucose 6-phosphate. The product isolated via the porous vol. Pt salt contains reducing groups and has a nearly theoretical content of P for glucose phosphate. The confirmation of existence of phosphotransferase activity in the plastids from tomato leaves was obtained by direct enzymic treatment of glucose 1-phosphate at 31° in 0.05 M cysteine buffer; the rate of transformation to the 6-phosphate in many specimens was approx. that obtainable with muscle phosphotransferase system, and equal to established at 20-25° conversion. Salts of Mg have a strong activation effect on the activity. G. M. Kondrasov

CA

11A

*Formation and movement of enzymes in living organisms.*  
*N. M. Gerasimov and A. M. Kabanov (Soviet Academy of Sciences, Moscow). Doklady Akad. Nauk (USSR) 1961; 171: 1041.*

41, 411b.--The enzyme activities of invertase, phosphorylase, and phosphoglucomutase were detd. in plastids--the enzyme deposits of plants. The enzyme activity decreased in the leaf plastids and increased in the root leucoplasts of the sugar beet and potato during vegetation. A decrease in the enzyme activity was observed in the leucoplasts of potatoes and sugar beets during storage. These changes are ascribed to enzyme migration. In heterotrophy, the enzymes move from the root to the leaf, whereas in autotrophy the enzyme movement is from the leaf to the root. H. P.

INSTITUTE OF BIOCHEMISTRY IM. A.N. BAKH, ACADEMY OF SCIENCES, USSR,  
MOSCOW

SISAKYAN, M.M.; BIRYUZOVA, V.I.; KOBYAKOVA, A.M.

Changes in structure and enzymic activity of plastids in the ontogenetic development of the plant. *Biokhimiya* '51, 16, 449-452. (MLRA 4:10)  
(BA -AIII My '53:726)

*KODIAROTA, H.M.*

*W676* AEC-11-1611 *2*  
TYPES OF UNION OF ENZYME WITH THE PROTEIN  
COMPLEX OF PLASTIC H. M. KODIAROTA and A. M.  
KODIAROTA. Translated by Eugene A. Lachinger from  
BIOCHEMISTRY 17, 100-75 (1952) 140.

SISAKYAN, N.M.; KUBYAKOVA, A.M.

Lipoxidases in isolated plastids [with summary in English].  
Biokhimiia 22 no.3:516-522 My-Je '57. (MIRA 10:11)

1. Institut biokhimiia in. A.N.Bakha Akademii nauk SSSR, Moskva.  
(OXIDASES,  
lipoxidases in isolated plastids (Rus))

KOBYAKOVA A.M., VASILYEVA M.A., GOPSHTEYN L.V. (USSR)

"The Participation of the Nucleus in Plant Cell Metabolism."

Report presented at the 5th Int'l Biochemistry Congress,  
Moscow, 10-16 Aug. 1961

SIBAKYAN, N.M.; KOBYAKOVA, A.M.; FILIPPOVICH, I.I.

Adenosinetriphosphatase of protoplasmic structures in plants.  
Biokhimiia 28 no.6:1011-1017 N-D'63 (MIRA 17:1)

1. Institute of Biochemistry Academy of Sciences of the  
U.S.S.R., Moscow.

137-58-6-13906

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 385 (USSR)

**AUTHORS:** Shayevich, A.B., Kobyakova, E.V., Men'shikova, Z.P.,  
Prostakov, M.Ye.

**TITLE:** Spectrometric Analysis for Iron, Tin, and Zinc in the Flux of  
Tin-plating Equipment (Spektral'nyy analiz flyusa ludil'nykh  
apparatov na zhelezo, olovo i tsink)

**PERIODICAL:** Byul. nauchno-tekhn. inform. Ural'skiy n.-i. in-t chernykh  
metallov, 1957, Nr 3, pp 169-172

**ABSTRACT:** A weighed portion is dissolved in HCl. The introduction of  
the dissolved matter into the discharge zone is accomplished by  
burning an ash-free filter paper impregnated with the solution  
being analyzed. A description of the device by means of which  
this incineration is performed is given. Photography is made  
by the ISP-22 spectrograph with an exposure of 50 sec; spectra  
are produced by an A-C arc, with a current of 6 amp. Analyt-  
ical pairs of lines are: Sn 2661.25 - Zn 2756.45, Fe 2730.55 -  
Zn 2756.45. The mean-square error of three determinations is  
~5%. A comparative table of the results of spectrographic and chem- A.Sh.  
ical analyses of the fluxes is adduced. 1. Iron--Determination 2. Tin  
--Determination 3. Zinc--Determination 4. Spectrographic analysis--Appli-  
cations

Card 1/1



**KOBYAKOVA, N. I., Jr. Sci. Co-worker**

**Usbek Scientific Research Veterinary Experimental Station.**

**"Use of the extract from sugar beet in veterinary practice."**

**80: Veterinariia 24(8), 1947, p. 34.**

KOBYAKOVA, N. I.

188793

USSR/Medicine (Vet) - Tissue Therapy Aug 51

"Experience in the Application of Tissue Therapy for the Treatment of Mastitis," N. I. Kobyakova, Jr Sci Assoc, Uzbek Sci Res Vet Inst

"Veterinariya" Vol XXVIII, No 8, pp 57, 58

Describes application of tissue extract prepd from sugar-beet leaves according to V. P. Filatov (cf. "Veterinariya" No 10, 1950). Finds results of treatment good (complete restoration of lactation in 88.9% of the cases).

LC

188793

KOBYAKOVA, N. I., SHAMUTDINOVA, G. N., SOFIYEV, M. S., SHTYREVA, L. V.  
and SHCHEULOV, A. P.

"On Toxoplasmosis of People and Animals in Tashkent."

Tenth Conference on Parasitological Problems and Diseases with Natural  
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of  
Sciences, USSR, Moscow-Leningrad, 1959.

Tashkent Medical Institute and the Institute of Zoology and Parasitology  
of the Uzbek Academy of Sciences

KOBYAKOVA, N.I., kand. veterinarnykh nauk

Wild goats and rams in captivity as carriers of coccidiosis.  
Veterinariia 39 no.11:40-41 N '62. (MIRA 16:10)

1. Institut zoologii i parazitologii AN UzSSR.

KOBYAKOVA, N.S., studentka.

An evening in the physics club. *Flu. v shkole-15 no. 5:95-96*  
S-O '55. (MEMO 9:1)

1. Chelyabinskiy pedagogicheskiy institut  
(Physics--Study and teaching)

KOBYAKOVA, N. T.

Cand Tech Sci

Dissertation: "Differential Protection of Transformers Inactive During a  
Transient Magnetizing Current."

18 Feb 49

Moscow Order of Lenin Power Engineering Inst  
imeni V. M. Molotov

SO Vecheryaya Moskva  
Sum 71

---

KOBYAKOVA, N.T., kand. tekhn. nauk; SARTORI, V.A., inzh.

High-precision a.c. voltage regulators with saturation chokes,  
Trudy MAI no.85:23-40 '57. (MLRA 10:9)  
(Voltage regulators)

КОБЯКОВА, В. И.

"Diaryles et leurs derives. Communication XVI." Joffe, I. S. Kob'akova, W. I. (p. 2457)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii). 1937, Volume 7, No. 19.



KOBYAKOVA, Z. I.

Kobyakova, Z. I. "The fauna of Oridin Gulf", *Roboty Mor. biol. stantsii Karelo-Fin. gos. un-ta*, Issue 1, 1947, (In column heading: 1948), p. 25-33.

SO: U-4392, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, No 21, 1949).

KOBYAKOVA, E.I., dotsent.

Composition, distribution, and productivity characteristics of  
the benthos of Onega Bay of the White Sea. *Nauch.biul.Len.un.*  
no.23:27-31 '49. (MLRA 10:4)

1. *Lafedra gidrobiologii.*  
(Onega Bay--Marine biology)

KOBYAKOVA, S.I.

Productivity of the floodland bodies of water. Uch.sop.Len.un.no.126:  
279-340 '49. (MIRA 916)

1.Kafedra gidrobiologii.  
(Volga Valley--Fresh-water biology)

AKUMUSHKIN, I.I.; BARANOVA, Z.I.; BRODSKIY, K.A.; VIRKHTIS, M.A.;  
VOLODCHENKO, N.I.; GALKIN, Yu.I.; GUR'YANOVA, Ye.P.; DOGEL'  
V.A.; D'YAKONOV, A.M.; ZEVINA, G.B.; IVANOV, A.V.; KIR'YANOVA,  
Ye S.; KOBYAKOVA, Z.I.; KOLFUN, V.M.; KONEVUKOVA, Ye.D.;  
KOBOTKOVICH, V.S.; KREPOSE, G.A.; LOZINA-LOZINSKIY, L.K.;  
LOMAKINA, N.B.; NAUMOV, D.V.; PERIAMENT, T.S.; RESHETNYAK,  
V.V.; SAVEL'YEVA, T.S.; SKARLATO, O.A.; SOKOLOV, I.I.;  
STRELKOV, A.A.; TARASOV, M.I.; USHAKOV, P.V.; SHCHEDRINA, Z.G.  
YAKOVLEVA, A.M.; USHAKOV, P.V., obshchiy rukovoditel';  
PAVLOVSKIY, Ye.N., akademik, redaktor; STRELKOV, A.A. redaktor;  
BRODSKIY, K.A., redaktor; ABOVS, I.A., tekhnicheskiy redaktor.

[Atlas of invertebrates of the Far East seas of the U.S.S.R.]  
Atlas besposvonochnykh dal'nevostochnykh morei SSSR. Moskva,  
Izd-vo Akad.nauk SSSR, 1955. 240 p., 66 plates. (MLRA 8:10)

1. Akademiya nauk SSSR. Zoologicheskiy institut.  
(Soviet Far East--Invertebrates)

**KOBYAKOVA, E.I.**

**New decapod species (Crustacea, Decapoda) from the southern  
Kurile-Sakhalin region. Trudy Zool. inst. 18 '55. (MLRA 9:2)  
(Okhotsk Sea--Decapoda (Crustacea))**

**KOBYAKOVA, Z.I.**

Certain aspects of the distribution of decapoda in the South  
Sakhalin region. Trudy probl.i tem.sov. no.6:47-64 '56.(MLRA 9:11)

1. Leningradskiy gosudarstvennyy universitet.  
(Sakhalin--Decapoda (Crustacea))

**KOBYAKOVA, E.I.**

Decapoda in the region of the southern Kurile Islands. Issl.  
dal'nevost. mor. SSSR no.5:220-248 '58. (MIRA 12:3)

1. Leningradskiy gosudarstvennyy universitet.  
(Kurile Islands--Decapoda)

KOBYAKOVA, Z.I.

Species and distribution of Decapoda in the shore waters of the  
Shikotan and Kunashir Islands. Issl. dal'nevost. mor. SSSR no.5:  
249-259 '58. (MIRA 12:3)

1. Leningradskiy gosudarstvennyy universitet.  
(Shikotan Island--Decapoda) (Kunashir Island--Decapoda)



LINDBERG, G.U.; SHCHERINA, Z.G.; DOGEL', V.A.; RESHETNYAK, V.V.; STRELKOV, A.A.; KOLFUN, V.M.; MAUMOV, D.V.; IVANOV, A.V.; BYKHOVSKIY, B.Ye. ZHUKOV, Ye.V.; PERGAMENT, T.S.; KOROTKOVICH, V.S.; USHAKOV, P.V.; KLYUCH, G.A.; ANDROSOVA, Ye.I.; OOSTILOVSKAYA, M.G.; BRODSKIY, K.A.; GUSIN, A.V.; TARASOV, M.I.; GUR'YANOVA, Ye.F.; VAGIN, V.L.; LOMAKINA, N.B.; BULYCHENVA, A.I.; KOPYAKOVA, Z.I.; LOZINO-LOZINSKIY, L.K.; YAKOVLEVA, A.M.; GAIKIN, Yu.Y.; SKARIATO, O.A.; AKIMUSHKIN, I.I.; D'YAKONOV, A.M.; BARANOVA, Z.I.; SAVEL'YEVA, T.S.; SKAIKIN, V.A.

List of the fauna of marine waters of southern Sakhalin and southern Kuriles. Issl.dal'nevost.mor.SSSR no.6:173-256 '59.  
(MIRA 13:3)

1. Zoologicheskii institut AN SSSR.  
(Sakhalin--Marine fauna)  
(Kurile Islands--Marine fauna)

KOBYAKOVA, Z. I.

Some differences in the bottom fauna of northern and southern islands  
of the Kurile chain. Vest. IPU 14 no. 15: 66-76 '59. (MIRA 14:4)  
(Kurile Islands—Benthos)

KOBYAKOVA, E.I.; SAPHYKIN, Y.Ya.

Chemical composition of some decapods from northern and Far Eastern  
seas according to data of spectroscopic analysis. Vest.LGU 15 no.9:  
130-135 '60. (MIRA 13:4)

(DECAPODA (CRUSTACEA)) (MARINE BIOLOGY)

KOBYAKOVA, E.I.

Bottom fauna of the Norway-Iceland area as a water regime indicator.  
Sool.shur. 39 no.3:321-326 '60. (MIRA 1316)

1. Leningrad State University.  
(Norwegian Sea--Benthos)