

*ALEYNIKOVA, M.M.*

USSR/General and Special Zoology. Insects. Injurious  
Insects and Ticks. Pests of Cereal Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49593

Author : Aleynikova M.M., Utrobina N.M.

Inst : Kazan Affiliate, AS USSR.

Title : The Importance of the Harmfulness of Wireworms for  
Corn and Measures for Their Control in the Tatar-  
skaya ASSR.

Orig Pub : Tr. Kazansk. fil. AN SSSR, ser. biol. n., 1956,  
(1957), vyp. 4, 137-150

Abstract : The degree of harm by the wireworms is not in di-  
rect correlation with their number; it is de-  
termined decisively by a combination of tempera-  
ture and humidity, which conditions the conduct  
of the wireworms, as well as the growth and  
development of the plants. The compact intro-  
duction of 12% hexachlorocyclohexane (HCH) (50  
kg/ha). into the soil and into the holes (3-5

Card : 1/2

USSR/General and Special Zoology. Insects. Injurious  
Insects and Ticks. Pests of Cereal Crops

P

Abn Jour : Ref Zhur - Biol., No 11, 1958, No 49593

kg/ha), in combination with fertilizers and humus,  
is most effective; the damage to the plants de-  
creased 18-19 times in both cases. These measures  
not only prevented damage by the wireworm, but al-  
so stimulated the growth and development of the  
plants. HCCH is more effective against wire-  
worms in hot and humid weather than in cold  
weather. The *Sclatosomus latus* larvae gather in-  
to their nests faster and in greater numbers; in  
all cases of the use of HCCH they perish faster  
than the larvae of *Agriotes sputator*. -- A.P.  
Adrianov

Card : 2/2

*Aleynikova, M. M.*

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,  
pp 129-130 (USSR) 14-57-6-12692

AUTHORS: Aleynikova, M. M., Izotova, T. Ye., Utrobina, K. M.

TITLE: Investigation of Soil Fauna and an Effort to Combat  
Soil Pests in Corn Plantations of the Tatar ASSR  
(Issledovaniya pochvennoy fauny i opyt bor'by s  
pochvennymi vreditelyami na posevakh kukuruzy v  
Tatarskoy ASSR)

PERIODICAL: Izv. Kazansk. fil. AN SSSR, ser. biol. n., 1956,  
Nr 5, pp 125-133

ABSTRACT: A method of digging up and trapping beetles in cylindri-  
cal traps was devised as a result of studying soil  
fauna of corn plantations in **Tatarstan (Laishevo rayon)**.  
It was established that insects, particularly beetle  
larvae, constitute the largest part of soil inverte-  
brates. Of these, 67.1 percent are wire maggots--

Card 1/2

14-57-6-12692

## Investigation of Soil Fauna (Cont.)

click beetle larvae (Elateridae), next come Carabidae, and Scarabaeidae. The number of beetles belonging to the rest of the species is insignificant. Main click beetle types are: Selatosomus latus and Agriotes sputator. Among ground beetles (13 species) the following are found most commonly: Harpalus latus, Ophonus calceatus, Pterostichus coerulescens F., Leiridus, Bembidion lampron. Some of these feed on click beetle larvae. After a preparation of GKhtSG was introduced into the ground, the number of wire maggots, ground beetles and myriapods decreased. The number of angleworms, however, increased as a result of this treatment.

Card 2/2

H. K. K.

ALBYNIKOVA, M.M.; IZOTOVA, T.Ye.

Myriapods of the Tatar A.S.S.R. [with English summary in insert].  
Zool.zhur. 35 no.6:843-846 Ja '56. (MLRA 9:10)

1. Biologicheskii institut Kazanskogo filiala AN SSSR.  
(Tatar A.S.S.R.--Myriapoda)

ALIKULOVA, K.M.

Conference on the control of injurious soil insects. Zool. zhur. 39  
no.9:1446-1448 S '60. (MIRA 13:9)  
(Wireworms)

ALEYNIKOVA, M.M., entomolog, kand.biolog.nauk

Baits for click beetles. Zashch. rast. ot vred. i bol. 6 no.4:21-23  
Ap '61. (MIRA 15:6)

1. Biologicheskiy institut Kazanskogo filiala AN SSSR.  
(Tatar A. S. S. R.—Click beetles)  
(Insect baits and repellents)

ALBYNIKOVA, M.M.; LOKSHINA, I.Ye.

Ecology of Diplopoda in the Tatar A.S.S.R. Zool. zhur. 41 no.3:  
372-377 Mr '62. (MIRA 15:3)

1. Biological Institute of the Kazakh Branch of the Academy of  
Sciences of the U.S.S.R., and State Pedagogical Institute of  
Moscow.

(Tatar A.S.S.R.--Diploda)



ALEYNIKOVA, M.M.

Study of ecologic and faunistic zoning of click beetles in the  
middle Volga Valley. Zool.shur. 41 no.7:1028-1040 J1 '62.  
(MIRA 15:11)

1. Laboratory of Soil Zoology, Institute of Biology, Kazan  
Branch of the U.S.S.R. Academy of Sciences, Kazan.  
(Volga Valley--Click beetles)

ALEKSIKOVA, N.M., kand. biolog. nauk; UTROBINA, N.M., kand. biolog.  
nauk; ANTEM'YEVA, T.I., entomolog; GATILOVA, P.G., entomolog

Studying soil fauna. Zashch. rast. ot vred. i bol. 7 no.9:  
41-43 8 '62. (MIRA 16:8)

1. Laboratoriya pochvennoy zoologii Biologicheskogo instituta  
Kazanskogo filiala AN SSSR.  
(Volga Valley—Soil fauna)  
(Volga Valley—Insects, injurious and beneficial—Control)

ALEYNIKOVA, E.M., otv. red.; KAMAYEV, B.M., red.

[Soil fauna of the middle Volga Valley] pochvennaya fauna  
Srednego Povolzh'ia. Moskva, Nauka, 1964. 173 p.  
(MirA 17:10)

1. Akademiya nauk SSSR, Kazanskiy filial. Biologicheskii  
institut. 2. Biologicheskii institut Kazanskogo filiala  
AN SSSR (for Aleynikova).

PODINUSNAYA, N.A.; ALYNNIKOVA, M.Ya.; YEROKOV, TS.A.

Properties of amino acids and peptides containing a tertiary  
nitrogen atom. Part 4 : Synthesis of some peptides containing a  
tertiary nitrogen atom. Zhur. ob. khim. 30 no.11:3591-3598 N'60.

1. Moskovskiy gosudarstvennyy universitet.  
(Peptides)

(MIRA 13:11)

PODOLSKAYA, N.A.; ALMYNIKOVA, N.Ya.

Properties of amino acids and peptides containing a tertiary nitrogen atom. Part 5: Effect of dibenzyl masking on the properties of peptides containing proline. Zhur. ob. Khim. 30 no.12: 3931-3938 D '60. (MIRA 13:12)

1. Moskovskiy gosudarstvennyy universitet.  
(Peptides) (Proline) (Dibenzyl)

REUTOV, O.A.; GUDKOVA, A.S.; ALEYNIKOVA, M.Ya.; KHARITONOVA, M.L.

Complexes of azines with copper semihalide. Izv.AN SSSR.Otd.  
Khim.nauk no.3:538-539 Mr '62. (MIRA 15:3)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova i  
Institut elementoorganicheskikh soyedineniy AN SSSR.  
(Copper organic compounds) (Azines)

GUDKOVA, A.S.; REUTOV, O.A.; ALEYNIKOVA, M.Ya.

Interaction of hydrazones and azines with metal salts. Report  
No.4: Interaction of aldehyde and ketone azines with bivalent  
copper salts. Izv.AN SSSR.Otd.khim.nauk no.8:1382-1387 Ag '62.  
(MIRA 15:8)

1. Mskovskiy gosudarstvennyy universitet im. M.V.Lomonosova  
i Institut elementoorganicheskikh soedineniy AN SSSR.  
(Azines) (Copper salts)

GUDKOVA, A.S.; ALEYNIKOVA, M.Ya.; KHARITONOVA, M.L.; REUTOV, O.A.

Complexes of azines and hydrazones with mercury halides. Izv.  
AN SSSR. Otd. khim. nauk no. 8:1496 Ag '62. (MIRA 15:8)

1. Mskovskiy gosudarstvennyy universitet im. M.V. Lomonosova i  
Institut elementoorganicheskikh soyedineniy AN SSSR.  
(Azines) (Hydrazones) (Mercury halides)



GUDKOVA, A.S.; REUTOV, O.A.; ALEYNIKOVA, M.Ya.; KHARITONOVA, M.L.

Synthesis of complexes of aldasines and ketazines with copper  
semihalide. Dokl. AN SSSR 143 no.5:1098-1100 Ap '62.

(MIRA 15:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomcnosova.

2. Chlen-korrespondent AN SSSR (for Reutov).  
(Azines) (Copper halides)

REUTOV, O.A.; BELETSKAYA, I.P.; ALEYNIKOVA, M.Ya.

Cleavage of a carbon-mercury bond under the effect of acids.  
Zhur. fiz. khim. 36 no.3:489-493 Mr '62. (MIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

ALEYNIKOV, N.A.; GORBUNOV, N.A.; ALEYNIKOVA, N.S.

Using oxyethylated carboxylic acids in the flotation of non-sulfide ores. *Biul.tekh.-ekon.inform.* no.2:5-7 '62.

(MIRA 15:3)

(Flotation)

GIBAREV, Ye.M. (deceased); POVERENNY, A.M.; ALEYNIKOVA, T.I.

Use of the reaction with formaldehyde for characterization of  
some physicochemical properties of nucleic acids. Biofizika  
9 no.4:434-440 '64. (NER 4 2843)

1. Sposoby konstanty energii mollekul'noy struktury.

POVRENNYI, A.X.; ALEXANDRA, T.I.; MAR'YASINA, A.D.

Use of a method of separating polymucleotide chains in the presence of formaldehyde for determining actions injuring DNA molecule. Ukr. biokhim. zhur. 37 no.3:459-462 '65. (MIRA 18:7)

1. Kafedra biokhimii Rostovskogo meditsinskogo instituta.

PODRENNY, A.M.; ALEKSEOVA, T.I.

Simple method for isolation of bacterial DNA by means of phageogen.  
Vop.med. khim. 10 no.3:312-321 My 76 Rus.

(MIRA 18:2)

L. Andra biologicheskoy khimii Bostonskogo meditsinskogo  
instituta.

POVERENNYI, A.M. [Povierenyi, A.M.]; ALEYNIKOVA, T.L. [Alieinykova, T.L.]

Effect of some anion on Dische's diphenylamine reaction.  
Ukr. biokhim. zhur. 34 no.6:910-914 '62. (MIRA 16a4)

1. Department of Biological Chemistry of Rostov Medical  
Institute.  
(DIPHENYLAMINE) (HALOGENS) (NUCLEIC ACIDS)

1. "FISHER, J. W. (1965) J. N. S. 100, 101-102.

Use of the method of heating at subcritical temperatures in the presence of formaldehyde for studying the structure of proteins. (1965) J. N. S. 100, 101-102.

2. "FISHER, J. W. (1965) J. N. S. 100, 101-102.



ALFNIKOV, T.M.

Using climbing roses in landscape gardening. Gor. khoz. Mosk. 32  
no.3:20-22 Mr '68. (MIRA 11:3)

(Moscow--Roses-Varieties)

VAKULENKO, V.V., kand.sel'skokhoz.nauk; ALEYNIKOVA, T.M.; BALAKIN, V.M.,  
red.: SATTANIDI, L.D., tekhn.red.

[Animal flowers] Odnoletnie tsvetochnye rasteniia. Soat.V.V.  
Vakulenko i T.M.Aleynikova. Moskva, Izd-vo M-va sel'khoz.RSFSR,  
1961. 259 p.  
(MIRA 14:4)

1. Akademiya kommunal'nogo khozyaystva. 2. Akademiya kommunal'nogo  
khozyaystva (for Vakulenko, Aleynikova).  
(Flowers)

**ALYNIKOVA, T. P.** (Moskva, Varshavskoye shosse, d.180, kv.60)

Diagnosis, treatment and clinical aspects of cancer of the corpus uteri [with summary in English]. Vop.onk. 2 no.2:172-177 '56.

(MLPA 10:3)

1. In ginekologicheskogo otdeleniya (sav. - doktor med. nauk L.A.Novikova) Gosudarstvennogo onkologicheskogo instituta im. P.A.Gertsena (dir. - doktor meditsinskikh nauk A.N.Novikov, nauch. rukov. chlen-korrespondent AMN SSSR prof. A.I.Savitskiy)  
(UTERUS, neoplasms  
diag. & ther.)

ALEKSIKOVA, T. P. (Moskva, Zh-280, 1-y Kozhukhovskiy pr., 11, kv. 67

Relation of the course and effectiveness of treatment in cancer of the corpus uteri to the site of the tumor. Vop. onk. 7 no.9:76-82 :61.  
(MIRA 14:12)

1. Iz kafedry onkologii (sav. - deystv. chl. AMN SSSR zasl. deyat. nauki prof. A. I. Savitskiy) i Sentral'nogo instituta usovershenstvovaniya vrachey (dir. - M. D. Kuzmina) i ginekologicheskogo otdeleniya (sav. otd. - prof. L. A. Novikova) Gosudarstvennogo onkologicheskogo instituta im. P. A. Gertsena (dir. - prof. A. N. Novikov).

(UTERUS--CANCER)

ALEYNOV, D.P.; KALAFNOVSKIY, Ya.S.

Production of acetylene by the thermal oxidative pyrolysis of  
hydrocarbon gases at elevated pressure. Khim. prom. no.5:332-  
339 My '64. (MIRA 17:9)

ALEYNOV, D.P.; HAZARNOVSKIY, Ya.S.

Effect of pressure on the mechanism of the formation and decomposition of acetylene in the thermo-oxidative pyrolysis of methane.  
Khim. prom. no.6:422-425 Je '64.  
(MIRA 18:7)

"APPROVED FOR RELEASE: 09/24/2001

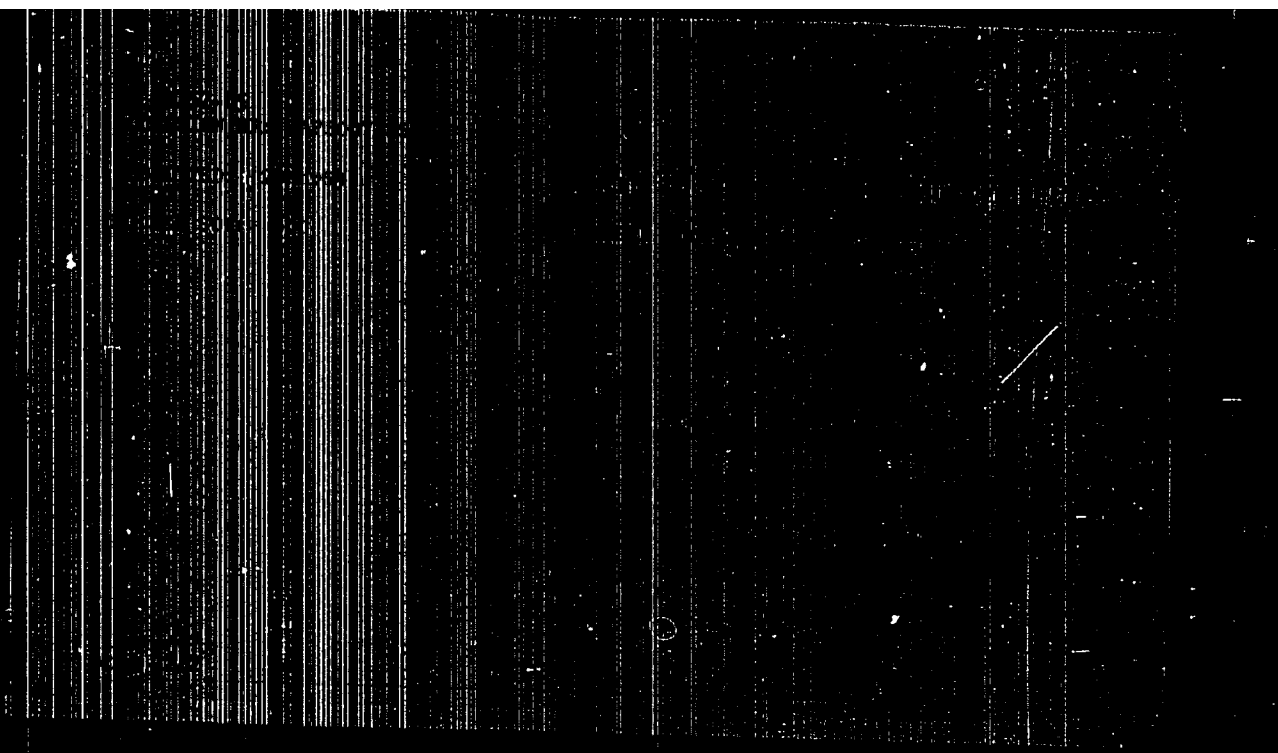
CIA-RDP86-00513R000101020015-1

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000101020015-1"

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000101020015-1



APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000101020015-1"



"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000101020015-1

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000101020015-1"

"APPROVED FOR RELEASE: 09/24/2001

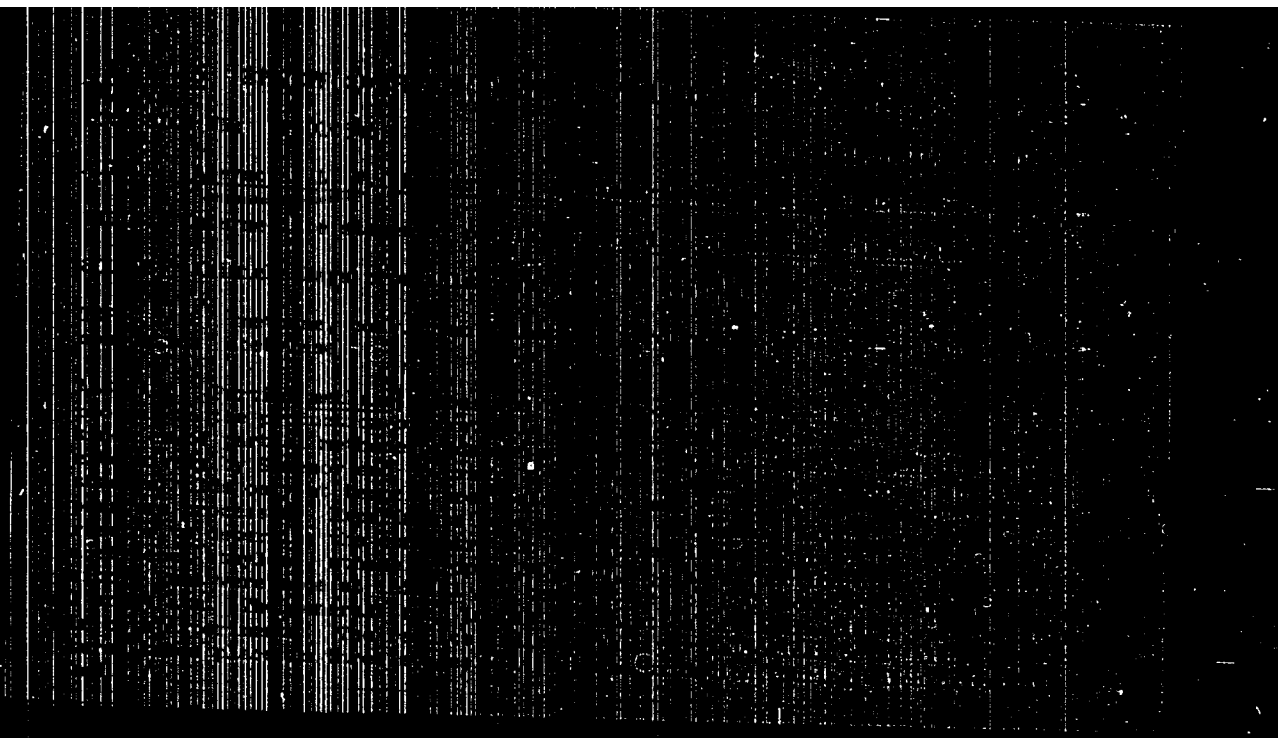
CIA-RDP86-00513R000101020015-1

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000101020015-1"

**"APPROVED FOR RELEASE: 09/24/2001**

**CIA-RDP86-00513R000101020015-1**



**APPROVED FOR RELEASE: 09/24/2001**

**CIA-RDP86-00513R000101020015-1"**

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000101020015-1

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000101020015-1"

ALP, 1970.

Estimation of local reproductive potential in protologic  
organisms. Kt. vop. prot. no. 1022-11. (1970 18:1)

BRUDKOV, N.; KIRIK, I.; AL'F, M.; KURBATOV, Yu.

"Our suggestions for improving the economic work of financial organs." Fin. SSSR 22 no.7:72-76 J1 '61. (MIRA 14:7)

1. Nachal'nik sektora otchisleniy ot pribyli Belgorodskogo oblf'notdela (for Brudkov). 2. Zamestitel' nachal'nika otdela gosdokhodov Kirovogradskogo gorfinotdela (for Kirik). 3. Zaveduyushchiy Novopromyshlennym rayfinotdelom g. Kalinina (for Al'f). 4. Nachal'nik inspeksii gosdokhodov Kominternovskogo rayfinotdela Khar'kova (for Kurbatov).  
(Finance) (Auditing)

ALP, S. I.; KHLEBNIKOV, N. I.; PERTSOVSKAYA, M. I.; and KRAMAROVA, E. S.

"Sanitary Investigation of the Soil in Populated Regions," 133 pages, Moscow,  
1951

AL'F. S. L.

Sanitarno-gig'antologicheskaya otsenka prudov i vodokhranilishch.  
"Works on Helminthology" on the 75th Birthday of K. I. Skryabin, Izdat. Akad.  
Nauk, SSSR, Moskva, 1953, page 25  
Inst. of General and Communal Hygiene, AMS USSR



AL'F, S. L.

"Epidemiology of helminthoses (ascariidosis and trichocephalosis)  
in the mountain and valley regions of Tadzhikistan and the  
sanitary-preventive measures of their sanitary amelioration."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists  
and Infectionists, 1959.

AL'F., S.I.; MISHUSTIN, Ye.M.; PERTSOVSKAYA, M.I.; KHLBNIKOV, N.I.;  
SYSIN, A.M., prof., red.; URAZAYEV, M.M., red.; BUL'DYAYEV,  
M.A., tekhn.red.

[Indications of the sanitary condition of the soil of populated  
places] Pokazateli sanitarnogo sostoieniia pochvy naselennykh  
mest. Pod red. A.M.Sysina. Moskva, Gos.isd-vo med.lit-ry, 1959.  
149 p. (MIRA 13:5)

1. Deystvitel'nyy chlen AMN SSSR (for Sysin).  
(SOILS--BACTERIOLOGY)

AL'F, S.L.; TSETLIN, A.L.; BURMAKINA, V.F.; MANOGEYEVA, Kh.I.

Dynamics of ascariasis in regions where mountain dwellers  
settle down in valleys. Sbor. rab. po mal. i gel'min. no.2;  
223-227 '59. (MIRA 15:3)  
(TAJIKISTAN—ASCARIDS AND ASCARIASIS)

ALFARO, S.

Cleaning of steam boilers with ammoniated citric acid. Elektroenergiia  
14 no.1:29-30 Ja '63.

ph

BYSTROV, G.P., doktor tekhn.nauk; ZHESTYANIKOV, V.M., kand.tekhn.  
nauk; AL'FANT, N.A., inzh.

Effect of ultrasonic oscillations on wood staining. Der.prom.  
9 no.2:15-16 F '60. (MIRA 13:6)  
(Ultrasonic waves--Industrial applications)  
(Stains and staining)

AL'FAVETSKIY, A.V. KHARCHENKO, L.I., red.; STEBYANKO, T.V., tekhn.  
red.

[Treatment of urological diseases at health resorts of the  
Caucasian Mineral Waters Region] Lechenie bol'nykh s urologi-  
cheskimi zabolevaniami na kurortakh Kavkasskikh Mineral'nykh  
Vod. 2, dop. izd. Stavropol', Stavropol'skoe knizhnoe izd.  
1961. 101 p. (URINARY ORGANS—DISEASES) (MIRA 16:4)  
(CAUCASUS, NORTHERN—HEALTH RESORTS, WATERING PLACES, ETC.)

ALFREDI, TS., prof. mikrobiologii

Epidemiological characteristics of leptospirosis in Hungary.  
Uel.shis.i sdorov. 1 no.5:44-49 '59. (MIRA 13:6)  
(HUNGARY--LEPTOSPIROSIS)

USSR/Cultivated Plants - Fodders.

M-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29843

Author : Men'shikova, N.I., Al'fer, I.I., Yevseyenko, A.V.,  
Yes'kova, M.A.

Inst : Gomel' State Pedagogical Institute.

Title : Alfalfa as a Source of Boosting the Food Base for Animal  
Raising in the Belorussian SSR.

Orig Pub : Uch. zap. Gomel'sk, gos. ped. in-t, 1957, vyp. 5, 138-145

Abstract : It has been established at the Experimental Training Plot  
of the Gomel' Institute and at the Kolkhoz im. Lenin in  
Gomel'skaya Oblast' that the optimal alfalfa sowing time  
is the period from 5 to 20 June. The side-dressing of al-  
falfa with B in a concentration of 0.025% in the period  
of 50% flowering increased the seed output by 37.3% and  
that of green stuff by 75.9%, during which the number of

Card 1/2



USSR/Cultivated Plants - Fodders.

M-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29843

hard seeds was reduced and the seeds' absolute weight was increased by  $1\frac{1}{2}$  times. The highest seed yield was gotten at the first harvest.

Card 2/2

- 36 -

AL'YER, P.K.

Channel conditions in the Volga during the 1958 navigation season. Rech. transp. 17 no.4:24-25 Ap '57. (MIRA 11:4)

1. Zamest'tel nachal'nika Volzhskogo basseynogo upravleniya puti.

(Volga River--Inland navigation)

REVILIVITSKIY, T.Ya., SLUTSKINA, P.I., AVDASHEVA, L.P., AL'FER, Ye.G.  
KATSEK'IDN', A.M., MIKHALENKO, I.N.

Using drugs with opposing action in combined insulin therapy for  
schizophrenia [with summary in French]. Zhur.nevr. i psikh. 28  
no.9:1096-1105 '58 (MIRA 11:11)

1. Psikhonevrolologicheskiy institut imeni B.M. Bekhtereva (dir.  
prof. V.N. Myasishchev) i 2-ya Leningradskaya psikhonevrolologicheskaya  
bol'nitsa (glavnyy vrach T.I. Nikolayeva).  
(SCHIZOPHRENIA, ther.

insulin shock, in assoc. with drugs with opposing  
action (Rus))  
(SHOCK, THERAPY INSULIN, in var. dis.  
schizophrenia, in assoc with drugs with opposing  
action (Rus))

MAN'KIN, E.A., kand. tekhn. nauk; MOROSOV, D.I., kand. tekhn. nauk;  
ALFEROV, A.V., inzh.

Additional losses in power transformer cores during short-  
circuit tests. Elektrichestvo no.12:31-37 D '64. (MIRA 18:12)

L. Vsesoyuznyy ordena Lenina elektrotekhnicheskii institut  
im. V.I. Lenina.

*ALFEROV, A.*

KHVOBOSTYANNIKOV, M.; ALFEROV, A.

Brushless painting. Stroitel' no.1:7 Ja '57.

(MLRA 10:2)

(Painting, Industrial)

ALPTRA, J.

Clearing spontaneous interference in television reception. Radio 10, No. 6, 1952 .

SP: 10-12. August 1952

ALPEROV, A.

Training workers to receive new grain. Muk.-elev.prom.26 no.5:30  
(MIRA 14:3)

1. Zamestitel' direktora Meluzovskogo elevatora.  
(Bashkiria--Grain elevators)

ALFEROV, A., agronom

Give special attention to seed grain. Muk.-elev. prom.  
25 no. 9:30 S '59. (MIRA 12:12)

1. Moleuskiy elevator Bashkirekoy ASSR.  
(Grain)



ALFEROV, A. -agronom

Extensive use of mechanical grain ventilation. Muk.-elev.prom.  
25 no.12:27 D '59. (MIRA 13:4)

1. Meleuzovskiy khlebopriyemnyy punkt Bashkirskoy ASSR.  
(Ventilation) (Grain--Storage)

ALFEROV, A.

Supply collective and state farms with good seeds. Muk.-elev.  
prom. 26 no.2:28 Y '60. (MIRA 13:6)

1. Melsusovskiy khlebopriyemnyy punkt Bashkirskey ASSR.  
(Bashkiria--Grain)

ALFEROV, A.A.

Protiv konservatizma v vvedenii novoi tekhniki STSB i svyazi. [Against the conservative attitude taken in introducing the new methods of centralization, signaling and block system.] (Zhel-dor, transport, 1947, no. 8, p. 45-51. More on signaling see no. 10, p. 47-55.

DLC: HK7.25

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS. A BIBLIOGRAPHY. Library of Congress Reference Department, Washington, 1952, Unclassified.

... ALFEROV, A.A.

BARANOV, A.F., redaktor; BIZYUKIN, D.D., redaktor; VAKHMIN, M.I., otvetstvennyy redaktor toma, professor, doktor tekhnicheskikh nauk; VEKHNISOV, B.N., redaktor; IVLIVYEV, I.V., redaktor; MOSHCHUK, I.D., redaktor; RUDOY, Ye.F., glavnyy redaktor; SOKOLIFSKIY, Ya.I., redaktor; SOLOGUBOV, V.N., redaktor; SHIL'YEVSKIY, V.A., redaktor; ALFEROV, A.A., inzhener; ANASHKIN, B.T., inzhener; ANANAS'YEV, Ye.V., laureat Stalinskoy premii, inzhener; BELENKO, I.M., dotsent; BORISOV, D.P., dotsent, kandidat tekhnicheskikh nauk; ZHIL'TSOV, P.N., inzhener; KRAB, N.R., inzhener; IL'YENKOV, V.I., dotsent, kandidat tekhnicheskikh nauk; KAZAKOV, A.A., kandidat tekhnicheskikh nauk; KRAYTZBERG, L.P., kandidat tekhnicheskikh nauk; KOTLYARENKO, N.F., dotsent, kandidat tekhnicheskikh nauk; MAYSEV, P.V., professor, kandidat tekhnicheskikh nauk; MARKOV, N.V., inzhener; MELEPETS, V.S., dotsent, kandidat tekhnicheskikh nauk; NOVIKOV, V.A., dotsent; ORLOV, N.A., inzhener; PETEROV, I.I., kandidat tekhnicheskikh nauk; PIVKO, G.M., inzhener; POGODIN, A.M., inzhener; RAMLAU, P.N., dotsent, kandidat tekhnicheskikh nauk; ROGINSKIY, V.N., kandidat tekhnicheskikh nauk; RYAZANTSEV, B.S., laureat Stalinskoy premii, dotsent, kandidat tekhnicheskikh nauk; SHARENKIY, A.A., inzhener; FEL'DMAN, A.B., inzhener; SEASTIN, V.A., laureat Stalinskoy premii, inzhener; SHUR, B.I., inzhener; GONCHUKOV, V.I., inzhener, retsentsent; NOVIKOV, V.A., dotsent, retsentsent; ANANAS'YEV, Ye.V., laureat Stalinskoy premii, retsentsent;

[Technical handbook for railroad men] Tekhnicheskii spravochnik shelenoduroshnikov. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiya, tsentralizatsiya, blokirovka, svyaz'. Red. kollegiya A.F.Baranov [i dr.] Glav.red. E.F.Rudoi. Moskva, Gos. transp. sbek-dor. izd-vo, 1952. 975 p. (Continued on next card)

BRYLEYEV, A.M., laureat Stalinskoy premii, inzhener; GAMBURG, Ye.Yu., inzhener, retsentsent; GOLOVKIN, M.K., inzhener, retsentsent; KAZAKOV, A.A., kandidat tekhnicheskikh nauk, retsentsent; KUT'IN, I.M., dotsent, kandidat tekhnicheskikh nauk, retsentsent; LEONOV, A.A., inzhener, retsentsent; SEMENOV, N.M., laureat Stalinskoy premii, inzhener, retsentsent; CHERNYKHIN, V.B., inzhener, retsentsent; VALUYEV, O.A., inzhener, retsentsent; MERZAS, N.A., laureat Stalinskoy premii, inzhener, retsentsent; NOVIKOV, V.A., dotsent, retsentsent; PIVOVAROV, A.L., inzhener, retsentsent; POGODIN, A.M., inzhener, retsentsent; KHODOROV, L.R., inzhener, retsentsent; PIVOVAROV, A.L., inzhener, retsentsent; POGODIN, A.M., inzhener, retsentsent; KHODOROV, L.R., inzhener, retsentsent; SHUPLOV, V.I., kandidat tekhnicheskikh nauk, retsentsent; KLYKOV, A.F., inzhener, retsentsent; YUDEKH, D.M., tekhnicheskii redaktor; VERINA, G.P., tekhnicheskii redaktor.

[Technical handbook for railroad men] Tekhnicheskii spravochnik shellesmodoroshnika. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiia, tsentralizatsiia, blokirovka, avias'. Red. kollegiia A.F. Baranov [i dr.] Glav. red. E.F. Rudoi. Moskva, Gos. transp. shok-dor. isd-vo, 1952. 975 p. (Card 2) (MLRA 8:2)  
(Railroads--Signaling) (Railroads--Communication systems)

ALFEROV, A.A.; ARTENKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.O.; GHIDON'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; KOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KOETIK, P.I.; KUDRYASHOV, A.T.; LAPSHIN, P.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOV, M.L.; SAVIN, X.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SETHNIK, M.D.; TETEREV, B.K.; TSETYKIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsentsent; AFANAS'YEV, Ye.V., retsentsent; VIASOV, V.I., retsentsent; VOROB'YEV, I.Ye., retsentsent; VORONOV, N.M., retsentsent; GRITCHENKO, V.A., retsentsent; ZHEREBIN, M.N., retsentsent; IVLIYEV, I.V., retsentsent; KAPORTSEV, N.V., retsentsent; KOCHUROV, P.M., retsentsent; KRIVORUCHKO, N.Z., retsentsent; KUCHKO, A.P., retsentsent; LORANOV, V.V., retsentsent; MOROZOV, A.S., retsentsent; ORLOV, S.P., retsentsent; PAVLUSHKOV, B.D., retsentsent; POPOV, A.N., retsentsent; PROKOF'YEV, P.F., retsentsent; RAKOV, V.A., retsentsent; SINEGUBOV, N.I., retsentsent; TEREVIN, D.P., retsentsent; TIKHOMIROV, I.G., retsentsent; URRAN, I.V., retsentsent; FIALKOVSKIY, I.A., retsentsent; CHMPTZHEV, B.F., retsentsent; SHEBYAKIN, O.S., retsentsent; SECHERBAKOV, P.D., retsentsent; GARNYK, V.A., redaktor; LOMAGIN, N.A., redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBEDIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; CHERNYATYY, N.S., redaktor; ARSHINOV, I.M., redaktor; BABELIAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DMRIBAS, A.T., redaktor; DOMEROVSKIY, K.I., redaktor; KOSENYEV, A.I., redaktor; MIKHETEV, A.P., redaktor

(Continued on next card)

ALFEROV, A.A. ----- (continued) Card 2.

MOSKVIN, G.M., redaktor; RUBINSHTYN, S.A., redaktor; TSYPIN, G.S., redaktor; CHERYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor; CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHIN, K.A., redaktor

[Railroad handbook] Spravochnaya knizhka zheleznodorozhnika, Izd. 3-e, ispr. 1 dop. Pod obshchey red. V.A.Garnyka. Moskva, Gos. transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta.  
(Railroads)

ALFEROV, A.B., polkovnik meditsinskoy sluzhby

Free skin transplant on the spongy bone of the arch of the skull  
in deep chemical burn. Voen.-med. zhur. no.8:53-55 Ag '60.

(MIRA 14:7)

(SKULL—WOUNDS AND INJURIES)  
(BURNS AND SCALDS)

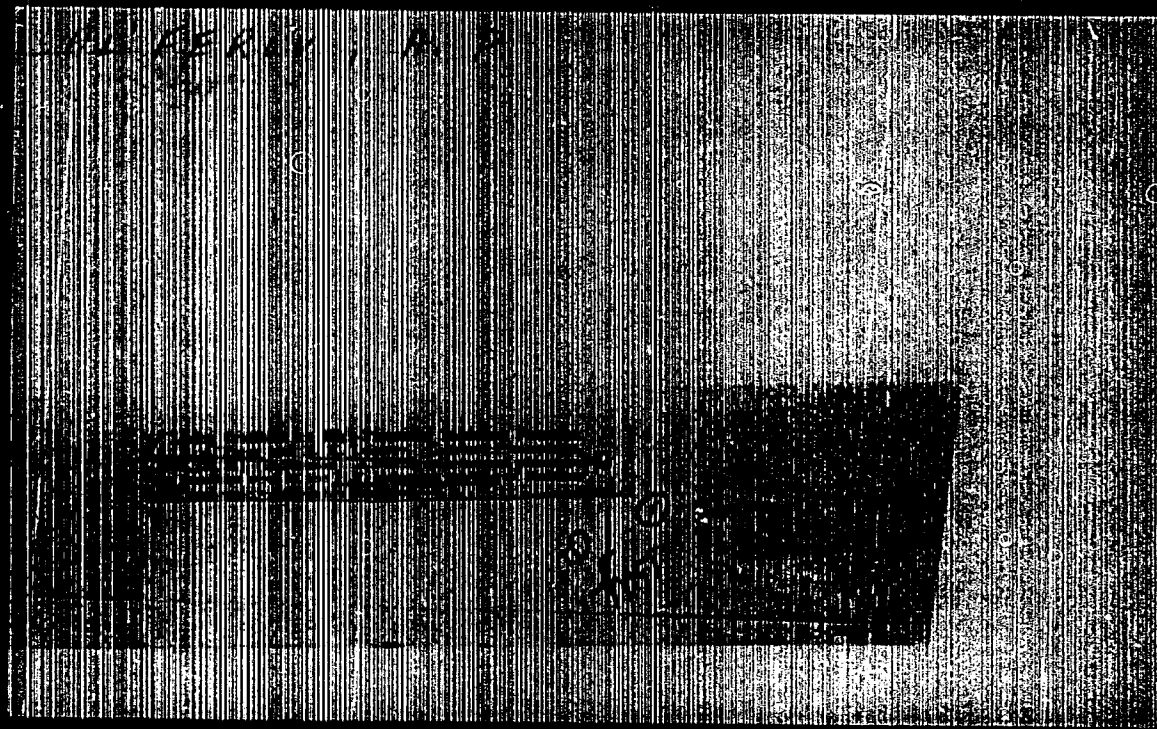
(SKIN—TRANSPLANTATION)



GENERAL STATE, 1965.

Generalization of the technical maintenance of construction  
equipment. Transp. strof. 15 no. 4:34-35 Ap '65.

(MIRA 18:6)



ALPEROV, Aleksey Stepanovich; KALPOV, V.V., kandidat tekhnicheskikh nauk,  
redaktor; POKHINA, Ye.A., tekhnicheskikh nauk.

[Seamless cornices and sectional molding of I.P. Iliukhin's construction] Tsel'notianutye karnizy i sbornye otkosy konstruktsei  
I.P. Iliukhina. Leningrad, Gosizd-vo lit-ry po stroit. i arkhitekt.  
1954, 26 p. (MLRA 8:8)  
(Cornices) (Moldings)

ALFEROV, A.S.; NABROV, I.I.

Plastering outfit. Mekh. stroi. 12 no.6:20-25 Je '55.  
(Plastering) (MIRA 8:6)

ALFEROV, A. V., inzh.

Device for testing high-voltage insulators. Avtom., telem. i  
svyaz' 7 no.4:30-33 Ap '63. (MIRA 16:4)

(Electric insulators and insulation—Testing)

ALFEROV, A.V., inzh.

Chamber for testing high-voltage equipment. Avtom., telem.1  
svias' 7 no.3:31-33 Mr '63. (MIRA 16:2)

(Railroads—Electric Equipment)  
(Electric apparatus and appliances—Testing)

TINYANDVA, Ye.I.; DOLGOPLOSK, B.A.; VYDRINA, T.K.; ALFEROV, A.V.

Cation activity of the components in a "cobalt" system and the nature of the end groups in a polymeric chain. Dokl. AN SSSR 152 no.6:1376-1378 O '63. (MIRA 16:11)

1. Institut neftekhimicheskogo sinteza AN SSSR. 2. Chlen-korrespondent AN SSSR (for Dolgoplosk).

ALFEROV, A.V., inzh.

Nonstationary temperature field of an unrestricted plate and its  
application to practical problems. Energomashinostroenie 9 no.11:  
15-18 W '63. (MIRA 17:2)



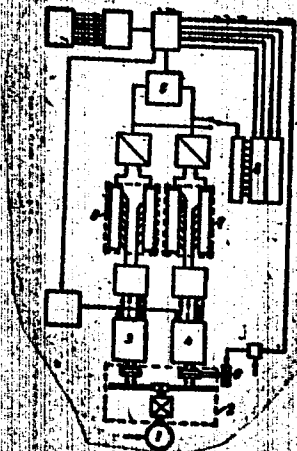
22717-46 EMT(1)/MPH(1) 7F(1) DE/CC  
 ADC NR: AP6002937 (A) SOURCE CODE: UR/0286/65/000/024/0104/0104  
 AUTHORS: Alfartov, A. V.; Vashchenko, V. P.; Glushkov, N. P.; Shepelev, V. R. 12  
 ORG: none B  
 TITLE: A device for the automatic verification of angle-code converters. Class 16C  
 42, No. 177169.  
 SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 104  
 TOPIC TAGS: code converter, code evaluation, error automatic data correlation, error detection code  
 ABSTRACT: This Author Certificate presents a device for the automatic verification of angle-code converters. The device includes a reference converter and the converter under examination, both of which are rotated by a single motor through a reduction drive. The device also includes a circuit for comparison of the code signals. This device provides simultaneous verification of all code paths and automates the process of initially setting the converters. The registers which store the codes of the reference converter and the converter under examination are connected through a circuit of discharge comparison of the codes to the  
 Card 1/3 UDC: 681.142--523.8.001.57 2

L 22717-66

AOC NR: AP6002937

register for indicating the errors. These registers are also connected through the same circuit to a control device which engages and disengages the electromagnetic clutch (see Fig. 1).

Fig. 1. 1 - Motor; 2 - reduction gear;  
3 - reference converter;  
4 - converter under examination;  
5 - circuit for comparison of the  
code signals; 6 and 7 - storage  
registers; 8 - register indicating  
the error; 9 - electromagnetic  
clutch.



Cont 2/3

1 22717-66

ACC NR: A76002937

The clutch engages at the moment of coincidence of the codes of the reference converter and the converter under examination. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 01Nov63

Card 3/3

L 2084-56 EWP(m)/EPP(c)/EWP(j)/T RS

ACCESSION NO: APS023367

UR/0020/65/164/001/0119/0121

AUTHORS: Sharayev, O. E.; Alfarev, A. V.; Tityakova, Ye. I.; Dolgoplosk, B. A.  
(Academicians)

TITLE: Transition from metal hydrides to  $\pi$ -allyl complexes and the initiation of the stereospecific polymerization of butadiene

SOURCE: AN SSSR. Doklady, v. 164, no. 1, 1965, 119-121

TOPIC TAGS: polymer, catalysis, metal hydride, polymerization, stereospecificity, butadiene

ABSTRACT: The reaction of nickel hydrides with butadiene was investigated. It was found that nickel hydrides initiate the cis-polymerization (90%) of butadiene through a stage of  $\pi$ -crotyl complex formation. In other reactions the nickel amount passing to benzene solution was 20% of that calculated for unreacted ethyl magnesium bromide. The gaseous products evolved during the decomposition of the crotyl derivatives of nickel were mixtures of butenes (with a predominant amount of *cis*-butene). The total yield of butenes was more than 1 mole per mole of organonickel compound. The stereospecific polymerization of butadiene with the formation of 1,4-polymer was investigated using nickel on Kieselguhr and Raney

Card 1/2

1 2684-66

ACCESSION NR: APS003367

nickel as catalysts (at 32-42°C, for 3 hours) and using benzene and heptane as solvents (at 45% by volume butadiene concentration) in the presence of  $\text{TiCl}_4$ ,  $\text{VCl}_4$ ,  $\text{AlCl}_3$ . The tabulated data show that the nature of the metal in the Lewis acid does not affect the microstructure of the polymer chain. The polymerization is effective in both benzene and heptane. Considering the data of nickel transition reacted with butadiene to  $\pi$ -crotyl derivatives, it can be assumed that analogous reactions occur on the surface of nickel catalysts. Orig. art. has: 1 table.

ASSOCIATION: Institut naftokhimicheskogo sinteza im. A. V. Topchiyeva, Akademii Nauk SSSR (Institute of Petrochemical Synthesis, Academy of Sciences, SSSR)

SUBMITTED: 22 Mar 65

ENCL: 00

SUB CODE: 00, 00

NO REF SOV: 004

OTHER: 008

*REV. 13-A.*

SHAFRANOVSKIY, Ilarion Ilarionovich; TATARINOV, P.M., red.; GORSKIY, I.I., red.; ALMEROV, B.A., prof., red.; ANDREYEV, B.A., prof., red.; GRIGOR'YEV, D.F., prof., red.; TETAYEV, M.M., prof., red.; TOLSTIKHIN, M.I., prof., red.; LEVENBERG, N.V., red.; VODOLAGINA, S.D., tekhn.red.

[Mineral crystals] Kristally mineralov [Leningrad] Izd-vo Leningr. univ. Pt.1. [Plane-face forms] Ploskogramnye formy. 1957. 220 p. (MIRA 11:2)

1. Chlen-korrespondent AN SSSR (for Tatarinov, Gorskiy)  
(Crystallography)

MIKHAYEV, Viktor Ivanovich, prof. [1912-1956]; LEVENBERG, N.V., otv. red.;  
TATARINOV, P.M., red.; ALFEROV, B.A., prof., red.; ANDREYEV, B.A.,  
prof., red.; GRIGOR'YEV, D.P., prof., red.; POGREBITSKIY, Ye.O., prof.,  
red.; TOLSTIKHIN, N.I., prof., red.; SHAFRANOVSKIY, I.I., prof., na-  
uchnyy red.; MIKHAYEVA, I.V., dots., nauchnyy red.; DAYEV, G.A., ve-  
dushchiy red.; ZABRODINA, A.A., tekhn. red.; GENNAD'YEVA, I.M., tekhn.  
red.

[Homology of crystals] Gemologiya kristallov. Leningrad, Gos.  
nauchno-tekhn. izd-vo nef. i gorno-toplivnoi lit-ry, 1961. 206 p.  
(MIRA 14:10)

1. Chlen-korrespondent AN SSSR (for Tatarinov).  
(Crystallography)

ALPEROV, B.A.; PUNTOVA, S.I.; SEREBRYAKOVA, Z.D.; YASTREBOVA, T.A.;  
DROBYNIN, D.V., prof., red.; SVERCHKOV, G.P., nauchnyy red.;  
NEVEL'SHTEIN, V.I., vedushchiy red.; MITROPANOVA, G.M., tekhn.red.

(Key wells of the U.S.S.R.; Uvat key well (Tyumen' Province))  
Opronnye skvazhiny SSSR; Uvatskaya opornaya skvazhina  
(Tiumenskaya oblast'). Leningrad, Gos.nauchno-tekhn.izd-vo  
nefti i gorno-toplivnoi lit-ry Leningr.otd-nie, 1961. 90 p.  
(Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii  
geologorazvedochnyi institut. Trudy, no.178). (MIRA 15:4)  
(Uvat region--Petroleum geology)  
(Uvat region--Gas, Natural--Geology)



ALFEROV, Boris Aleksandrovich; FEDOTOVA, M.I., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Key wells of the U.S.S.R.; Aleksandriyskaya well (Northern Caucasus)]  
Opornye skvazhiny SSSR; Aleksandriiskaia opornaia skvazhina (Svernyi Kavkaz). Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-ia. 1962. 66 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.192)  
(MIRA 15:12)  
(Caucasus, Northern—Petroleum geology)

ALFEROV, B.V., insh.; DUDKO, V.P., insh.

Local stresses on mine timbering in ground subject to swelling.  
Shakht. stroi. no.12:5-7 D '57. (MIRA 11:1)  
(Mine timbering)

ALFEROV, B.V., insh.; DUDKO, V.P., insh.

Reinforced concrete URS-III mine railroad ties. Shakht. stroi.  
no.5:26-27 '58. (MIRA 11:6)  
(Mine railroads) (Reinforced concrete construction)

POKALYUNOV, S.H., insh.; ALFEROV, B.V., insh.; DULKO, V.P., insh.

URPM sectional reinforced concrete supports. Shakht.stroi. no.2:20-23  
P 159. (MIRA 12:3)

(Mine timbering)  
(Reinforced concrete construction)

ALFEROV, B.V., inzh.

Lack of conformity between actual and estimated costs of sectional reinforced concrete supports. Shakht.stroi. no.3:14-15 Mr '59.

(MIRA 12:4)

1. Ukrainsky nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva.

(Mine timbering--Costs)

(Reinforced concrete construction-- Costs)

ALFEROV, B.V., inzh.; DUDKO, V.P.

APK arch-type pliable support. Shakht. stroi. 7 no.4:6-8 Ap '63.  
(MIRA 16:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut organizatsii i  
mekhanizatsii shakhtnogo stroitel'stva.

FAYNSHTEYN, Z.V., prof.; ALFEROV, G.A.

Ureteral alloplasty. Urologiya. 29 no.3:52-54 My-Je '64.

(MIRA 18:10)

1. Urologicheskaya klinika (sav.- prof. Z.V. Faynshteyn) Alma-Atinskogo meditsinskogo instituta.

ALPERDY, I. A.

CA

9

Liberation of  $\text{CH}_4$  in Mn-ore treatment at Nikolopol.  
 I. A. Alperdy and K. M. Karol. *Gornyi Zhur.* 110.  
 No. 10/11, 23-4(1949); *Chem. Zvest.* 1941, 1, 340.  
 The evolution of  $\text{CH}_4$  from decomposing storage piles of  
 Mn ore was noted. Its vol. was 0.05-0.25 (in only 2  
 cases 0.5%) of the gaseous constituents. The  $\text{CH}_4$  was  
 attributed to the presence of plant and animal remains  
 (shark teeth, whale bones, petrified wood) in loose porous  
 ore bodies and cavities. R. W. Ryan

150-114 METALLURGICAL LITERATURE CLASSIFICATION



ALFEROV, I. A.

PA 67T101

Mineral and Mining  
Mining Methods  
Blasting

Jun 1948

"Mass Blasting in Faults in the Dashkessan Mine,"  
I. A. Alferov, V. D. Fesenko, Mining Engineers, 14 pp

"Gor Zhur" No 6

Mass blasting was first used in 1946. Describes  
advantages gained by this method of working deposits  
at the Dashkessan mines.

67T101

KOROBENNIKOV, A.T.; SKLYARENKO, V.K.; ALYEROV, I.A.; MALYKHIN, Yu.Z.;  
BURCHENKO, P.N.

Letter to the editor. Sel'khoz mashina no.4:22 Ap '56.(MLRA 9:7)  
(Machinery--Testing)

ALFEROV, I.A., inzh.

Electronic sorting of seeds according to their color. Trakt. 1  
se: 'khormash. 30 no. 12:41-43 D '60. (MIRA 13:12)

1. Tsentral'no-Chernosemnyaya mashinodispytel'naya stantsiya.  
(Seeds--Grading) (Electronic instruments)

ALFROV, I. G.

Speed lining of a metal smokestack. Stroil. prom., 30, no. 7, '52.

SO: MIRA, Oct 52.

ALPHEOV, I. G.

Building industrial furnaces of heatproof concrete. Stroi.prom.  
34 no. 11:5-9 N '56. (MLRA 9:12)

1. Glavnyy inzhener Ust'-Kamenogorskogo upravleniya tresta Soyuz-  
teplostroy.  
(Concrete) (Furnaces)

~~ALYKHON, L.A.~~ MIESKER, Kh.A.; VOROB'YEVA, Ye.G., inzhener, nauchnyy  
redaktor; UDOD, V.Ya., redaktor; TONER, A.M., tekhnicheskiy redaktor

[Building underground storage areas by the method of ground plastering]  
Ustroistvo saxelemnykh khranilishch sposobom shtukaturki po gruntu.  
Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1954. 18 p.  
(Warehouses) (MLRA 8:3)

ALFEROV, K. S.

Bornatskiy, I. I. and Alferov, K. S. "The problem of reaction  
in the heterogeneity of heavy inputs of bubbling steel."  
Trudy Stalinskogo bel. otd. - na. & VNITOM, No. 1 1949, p. 39-41

SO: U-5411, 17 December 1953. (Letopis 'Zhurnal Inzh. Stal.', no. 24, 1949)

**"APPROVED FOR RELEASE: 09/24/2001**

**CIA-RDP86-00513R000101020015-1**

**APPROVED FOR RELEASE: 09/24/2001**

**CIA-RDP86-00513R000101020015-1"**



137-58-6-11829

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 92 (USSR)

AUTHOR Alferov, K.S.

TITLE Technical and Economic Indices Relative to Top and Bottom  
Pouring of Steel (Tekhniko-ekonomicheskiye pokazateli raz-  
livki stali sverkhu i sifonom)

PERIODICAL Tr. Nauchno-tekhn. o-va chernoy metallurgii, 1957, Vol  
18, pp 378-382

ABSTRACT: Results (R) are presented of a six-month experiment in the  
operation of the open-hearth department of the Makeyevka Works toward development of top pouring of killed structural  
carbon steel into 6.2-t ingot (I) molds directly from 185-t  
ladles. The most common defects in top-poured I are trans-  
verse cracks, found on examining the I as they are charged  
into soaking pits. Billets resulting from the rolling of such I  
in blooming mills had a large number of cracks and fissures.  
Comparison of the R for identical grades of steel with top and  
bottom pouring showed that the total losses of metal in the  
open-hearth department (scrap, short-run castings, and re-  
jects) came to 4.91% with top pouring, and 2.98% with bottom

Card 1/2

137-58-6-11829

Technical and Economic (cont.)

pouring. The total rejects of billets due to metal defects were 8.7% with top pouring, and 0.63% with bottom pouring. Blooming-mill cost coefficients due to defects were, respectively, 1.48 and 1.31. Although labor costs in preparing trains of mold cars for top pouring are only one-fifth of those for bottom pouring, top pouring was stopped by this plant because of the high losses of metal in the open-hearth department and in the first conversion, and also due to lack of space for corrective measures. In the subsequent development of bottom-pouring techniques for killed steel, the top cropping of ingots for ordinary grades of steel was reduced to 14.0% and that of quality steels to 15.5% owing to conversion from 6.2-t I with 4.37% taper to 7-t I with 2.8% taper. No surface defects occur in bottom pouring of killed steel at a rate of rise of 0.25-0.40 m/min. The optimum rate of rise of bottom pouring of rimmed steel is between 0.25 and 0.35 m/min. It is observed that the pouring of overheated heats increases the rise of an ingot and the crop-end loss resulting therefrom. Strict regulation of the temperature of the steel before tapping is the most important means of reducing this type of loss. It is particularly noted that selection of the method of pouring should take into consideration the conditions at the given plant (the assortment of steels made, the availability of space for corrective adjustment, and so forth).

1. Steel--Production 2. Steel--Quality control 3. Steel--Properties I.G.  
Card 2/2 4. Steel--Economic aspects

KOROLEV, A.I.; BLINOV, S.T.; LUBENETS, I.A.; KOBURNEYEV, I.M.; TURUBINDER, A.L.; VASIL'YEV, S.V.; CHERNENKO, M.A.; BELOV, I.V.; TELESOV, S.A.; MAZOV, V.F.; MEDVEDEV, V.A.; MAL'KOV, V.G.; BUL'SKIY, M.T.; TRUBITSKOV, K.M.; SHENYEROV, Ya.A.; SLADKOSHTEYEV, V.T.; PALANT, V.I.; KUROCHKIN, B.N.; ZHDANOV, A.M.; BELIKOV, K.N.; SABIYEV, M.P.; GABBUZ, G.A.; PODGORETSKIY, A.A.; ALFEROV, K.S.; NOVOLODSKIY, P.I.; MEROZOV, A.N.; VASIL'YEV, A.N.; MARAKHOVSKIY, I.S.; MALAKH, A.V.; VIKHOTOVSEV, B.V.; AGAPOV, V.P.; VICHNEV, B.A.; PASTUKHOV, A.I.; BORODULIN, A.I.; VAYNSHTEYN, O.Ya.; ZHIGULIN, V.I.; DIKSHTEYN, Ye.I.; KLIMASHENKO, L.S.; KOTIN, A.S.; MOLOTKOV, N.A.; SIVERSKIY, M.V.; ZHIDATSKIY, D.P.; MIKHAYLETS, N.S.; SLEPKANOV, P.N.; ZAVODCHIKOV, N.G.; GUIDENCHUK, V.A.; NAZAROV, P.M.; SAVOS'KIN, M.Ye.; NIKOLAYEV, A.S.

Reports (brief annotations). Biol. TSNIIICHM no.18/19:36-39 '57.

(MIRA 11:4)

1. Magnitogorskiy metallurgicheskiy kombinat (for Korolev, Belikov, Agapov, Dikshiteyn). 2. Kuznetskiy metallurgicheskiy kombinat (for Blinov, Vasil'yev, A.N., Borodulin, Klimashenko). 3. Chelyabinskiy metallurgicheskiy zavod (for Lubenets, Vaynshteyn). 4. Zavod im. Dzhuravinskogo (for Koburneyev). 5. Zavod "Zaporozhstal'" (for Turubinder, Mazov, Podgoretskiy, Marakhovskiy, Savos'kin). 6. Makiyevskiy metallurgicheskiy zavod (for Vasil'yev, S.V., Mal'kov, Zhidatskiy, Al'ferov). 7. Stal'proyekt (for Chernenko, Zhdanov, Zavodchikov). 8. VNIIT (for Belov). 9. Stalinskiy metallurgicheskiy zavod (for Telesov, Malakh).

(Continued on next card)

KOROL'EV, A.I.---(continued) Card 2.

10. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Medvedev, Nevolodskiy, Vecher). 11. Zavod "Asovstal'" (for Bul'skiy, Slepkanov). 12. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (for Trubetkov). 13. Ukrainskiy institut metallor (for Shneyerov, Sladkoobteyev, Kotin). 14. Zavod "Krasnyy Oktiabr'" (for Palant). 15. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskoy teplotekhniki (for Kurochkin). 16. Zavod im. Voroshilova (for Shchirayev). 17. Chelyabinskiy politekhnicheskii institut (for Morozov). 18. Giprostal' (for Garbus). 19. Ural'skiy institut chernykh metallor (for Pastukhov). 20. Zavod im. Petrovskogo (for Zhigulin). 21. Ministerstvo chernoy metallurgii USSR (for Molotkov, Siverakiy). 22. Glavspetsstal' Ministerstva chernoy metallurgii SSSR (for Nikolayev).  
(Open-hearth process)