KRIVISKIY, A.S.; SOLOV'YEVA, N. Ya.

Mutagenic action of ultraviolet rays on the extracellular bacteriophage. Mikrobiologiia 32 no.6:1006-1012 N-D '63 (MIRA 18:1)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR i Institut mikrobiologii AN SSSR.

KRIVISKIY, A.S.; ZAVIL'GEL'SKIY, G.B.; IVANOV, V.I.; LYSENKO, A.M.

Kinetics of the mutagenic action of ultraviolet rays on the extracellular bacteriophage C_d of Bacillus coli. Dokl. AN SSSR 150 no.2:399-402 My '63. (MIRA 16:5)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR. Predstavleno akademikom V.A.Engel'gardtom.
(ESCHERICHIA COLI) (BACTERIOPHAGE)
(ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT)

KRIVISKIY, A.S.; LYSENKO, A.M.

Mutagenic action of nitrous acid on extracellular bacteriophage. Mikrobiologiia 33 no.1:64-72 Ja-F '64.

(MIRA 17:9)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR.

KRIVISKIY, A.S.

Viruses and their place in nature. Priroda 53 no.10:23-37 '64.
(MIRA 17:11)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR, Moskva.

IVANOV, V.I.; [illegible], G.B.; KRIVISKIY, A.S.

Protective versene action against injury of some Escherichia coli phages by ultraviolet rays. Radiobiologiia 5 no.1:113-118 '65.
(MIRA 18:3)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii, Moskva.

ZAVIL'GEL'SKIY, G.B.; KRIVISKIY, A.S.; IVANOV, V.I.

Inactivating and mutagenic effect of ultraviolet rays on the extracellular bacteriophage. Izv. AN SSSR. Ser. biol. no.5: 700-713 S-O '65. (MIRA 18:9)

1. Institut radiatsionnoy i fiziko-khimicheskiy biologii AN SSSR.

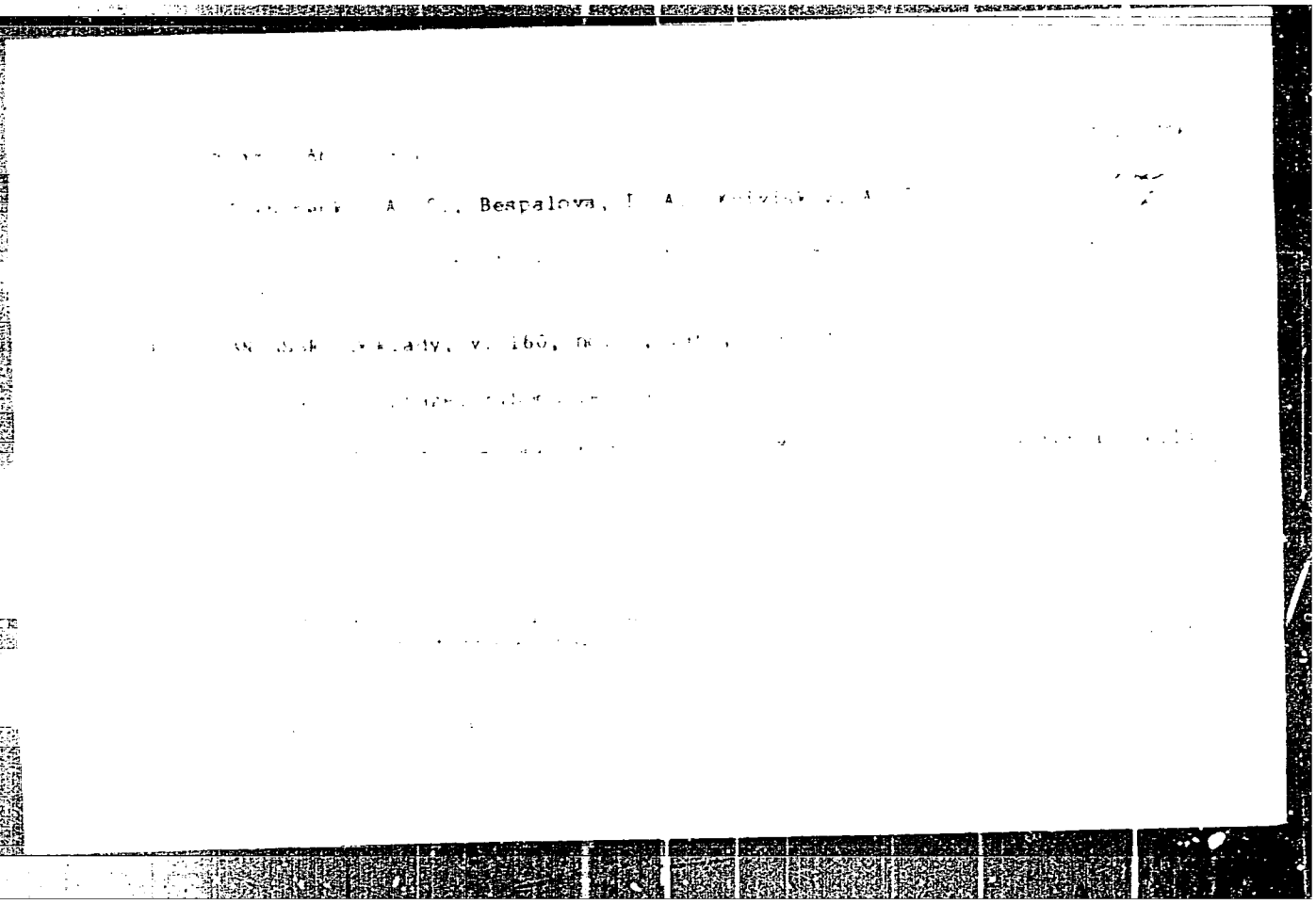
GORLENKO, M.V.; KRIVISKIY, A.S.

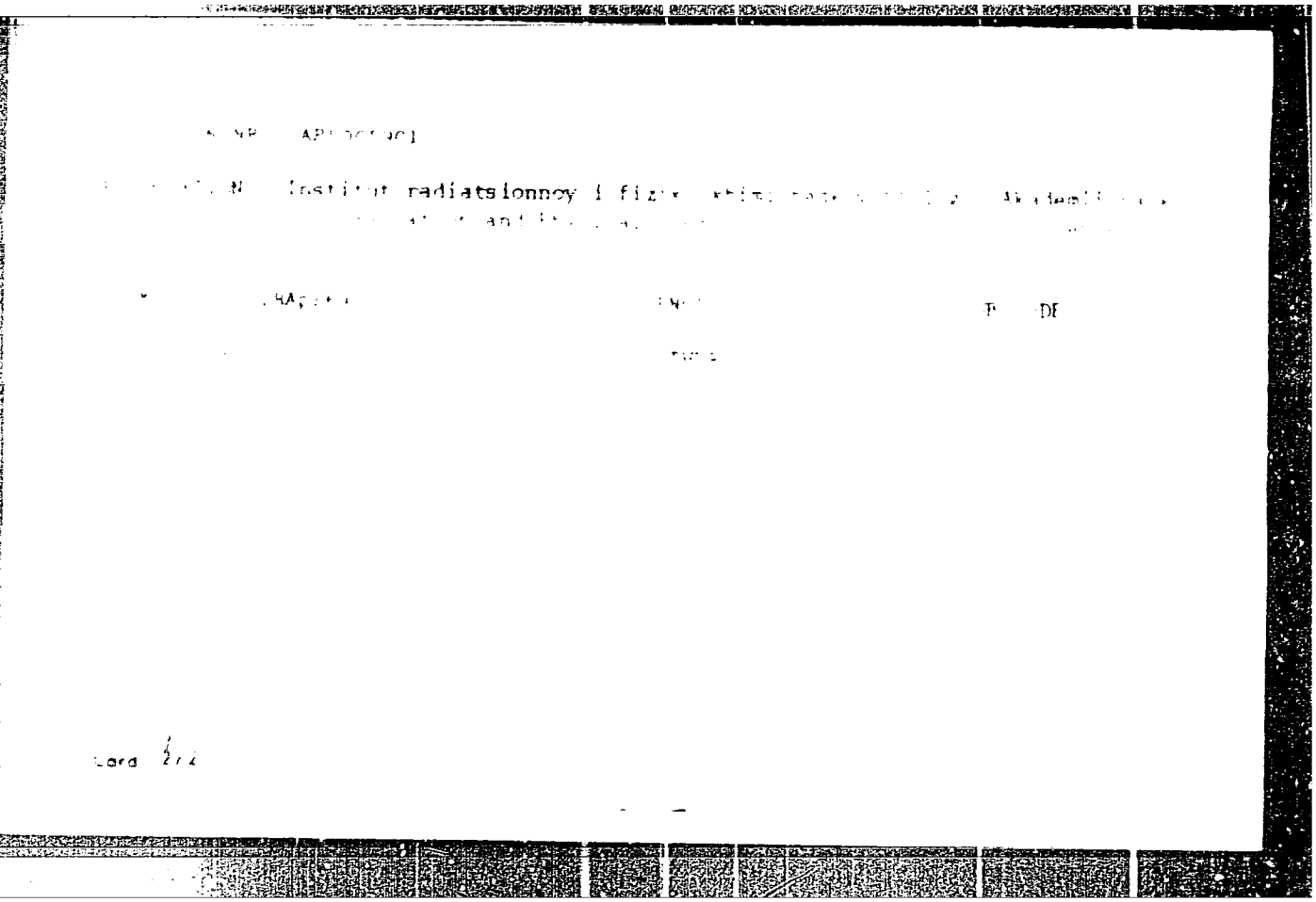
Reviews and bibliography. Mikrobiologiia 34 no.3:563-566 My-Je '65. (MIRA 18:11)

BELYKH, R.A.; KRIVISKIY, A.S.

Lysogenesis of Escherichia coli 600 and SK strains, bacterial hosts for 3d phage. Mikrobiologiia 34 no.5:820-827 S-O '65. (MIRA 18:10)

1. Institut molekulyarnoy biologii AN SSSR.





KRIVISKIY, A.S.

Mutagenic effect of ionizing radiations on intracellular bacteriophage. Dokl. AN SSSR 161 no.3:707-710 Mr '65.

(MIRA 18:4)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR.
Submitted June 18, 1964.

BRESLER, S.Ye.; FRIVISKIY, A.S.; PERUTZ, B.A.; CHERNIK, T.F.

Comparative study of the mutagenic effect of ultraviolet radiation on Bacillus subtilis cells and transforming DNA. Genetika no.5: 53-60 N '65. (MIRA 19:1)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR, Leningrad i Institut molekulyarnoy biologii AN SSSR, Moskva. Submitted February 5, 1965.

ZINOV'YEVA, Ye.G.; KRIVISKIY, A.S.

Mutagenic effect of ultraviolet irradiation on the temperate phage 2. Genetika no. 6:16-23 D '65 (MIRA 19:1)

1. Institut biologicheskoy fiziki AN SSSR i Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR, Moskva.

L 22b86-66 EWT(l)/T JK

ACC NR: AP5024152 SOURCE CODE: UR/0216/65/000/005/0700/0713

AUTHOR: Gavil'gel'skiy, G. B.; Krivitskiy, A. S.; Ivanov, V. I. 30 B

ORG: Institute of Radiation and Physico-Chemical Biology AN SSSR (Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR)

TITLE: Inactivating and mutagenic action of UV rays on extracellular bacteriophage

SOURCE: AN SSSR. Izvestiya. Seriya biologicheskaya, no. 5, 1965, 700-713

TOPIC TAGS: UV ray, bacteriophage, [redacted], mutagenic effect, phage inactivation

ABSTRACT: Effect of UV irradiation (λ = 254 mm) were tested on the extracellular bacteriophage sd Escherichia coli SK. Kinetics of phage inactivation follow monopulsive law only up to doses which correspond to survival value of 2×10^{-3}. For larger doses, the survival curve diminishes. Frequency of mutation due to UV radiation follows monopulsive kinetics only up to doses corresponding to survival value of 2×10^{-3}. At larger doses, mutation frequency drops to where it is only 8 times as great as spontaneous background, after which it begins to increase slowly. The increase in UV stability at high doses could not be explained

Card 1/2 UDC: 535.31:576.858.9

L 22h06-66

ACC NR: AP5024152

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by shading or protection from UV irradiation, multiple reactivation, reactivation by the host, or by genetic or phenotype heterogeneity of population. The observed decrease in mutation frequency is not related to increased sensitivity of mutants, reversions, or suppressor mutations. Possible explanations of the observed phenomena are based on the following: phage DNA has noncritical areas, the possibility of energy migration between bases of two-spiral DNA, and disruption of energy migration by UV-quanta which denature DNA locally and cause nonhereditary damage in the phage. [BM]

SUB CODE: 06/ SUBM DATE: 16Oct64/ SOV REF: 010/ OTH REF: 034

Card 2/2 BK

L 23122-66 EWT(1)/T JK
ACC NR: AP5026336 SOURCE CODE: UR/0220/65/034/005/0820/0827

AUTHOR: Belykh, R. A.; Kriviskiy, A. S.

ORG: Institute of Molecular Biology, AN SSSR (Institut molekylyarnoy biologii)

TITLE: Lysogenicity of the strains Escherichia coli 600 and SK as host bacteria for the phage s_d

SOURCE: Mikrobiologiya, v. 34, no. 5, 1965, 820-827

TOPIC TAGS: bacteriophage, bacteria, experiment animal, strain

ABSTRACT: The lysogenic state of the two coli strains and the conditions under which they eliminate temperate phages as well as the characteristics of this highly specific phage itself were studied. A culture of E. coli C served as indicator for the temperate phage; the bacteria were grown by 2-layer seeding on various media. An electron microscope was used in the tests. Results showed small negative phage colonies on the E. coli C seeded with 18 room cultures of 600 and SK; almost no lysogenic strains were obtained. The amount of phages was higher with 600 than with SK; it was highest during the bacterial lag-phase and decreased slightly during the stationary period. The yield was depressed

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L 23122-66

ACC NR: AP5026336

under UV light. It was concluded that strains 600 and SK, bacterial hosts for this phage, are lysogenic and spontaneously produce temperate phages, named X/600 and Y/SK. These phages differ sharply in a number of signs such as filterability, genetic stability, cultural properties, and rate of propagation in the phagosensitive cells. The phages are not induced by UV light and are in some respects similar to defect phages. The temperate phages are characterized by low burst size as well as by low total yield. Both phages produce virulent mutants. The genesis of the mutations by possible hybridization between the s_d phage and the temperate X/600 and Y/SK phages is discussed. Sharper differentiation through accurate analysis between the s_d phage and its components is indicated. Orig. art. has: 2 tables and 9 figures.

SUB CODE: 06 / SUBM DATE: 23Sep64/ SOV REF: 010/ OTH REF: 006

Card 2/2 BLG

L 25626-66 EWT(1)/T JK

ACC NR: AP6016069 SOURCE CODE: UR/0020/65/161/003/0707/0710

AUTHOR: Kriviskiy, A. S.

ORG: Institute of Radiation and Physicochemical Biology, AN SSSR (Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR)

TITLE: Mutagenic effect of ionizing radiations on extracellular bacteriophage

SOURCE: AN SSSR. Doklady, v. 161, no. 3, 1965, 707-710

TOPIC TAGS: bacteriophage, ionizing radiation, DNA, genetics, virology, UV irradiation, X irradiation, gamma irradiation, radiation biologic effect, biologic metabolism

ABSTRACT: The investigations of the author were designed to reveal the quantitative principles of induced mutagenesis under conditions either of direct or of primarily indirect action of ionizing radiations on free, extracellular phage T4d (a virulent form parasitizing Escherichia coli-K) and thereby to determine its suitability as a model for radiation genetic investigations. In the study of the direct action of x-rays, the phage was irradiated in a titer of $5 \cdot 10^9$/ml in undiluted meat-peptone broth with dosage from 100 to 500 kr. The dose curve of phage inactivation, as well as the curve of mutagenesis, followed strictly single-hit kinetics. In contrast to previous studies with ultraviolet irradiation where an increase in the radioresistance and sharp drop in mutation rate were observed at doses corresponding to survival of 10^{-3} and lower, in the case of the direct

Card 1/3

action of x-rays, this does not occur even at very strong doses, giving a survival of only 10^{-5}-10^{-6}. The author and associates propose that the increased radioresistance and drop in mutation rate under strong doses of ultraviolet irradiation are due to a decrease in the radiosensitivity of the target, caused by a cessation of the migration of energy through the non-lethally injured portions of DNA. The absence of nonlethal nongenetic injuries in the phage DNA under the direction action of ionizing radiation, as well as of reparative processes related to postradiation metabolism are responsible for the correspondence of the kinetics of inactivation and mutagenesis to the target theory. In a study of the mutagenic effect under the indirect action of ionizing radiation, the phage was subjected to gamma irradiation in salt solution or phosphate buffer in relatively weak doses (up to 30-50 kr), which caused practically no mutagenesis in the case of irradiation in broth. The surival rate curve was typical of the effect of indirect action: the lethal effect was intensified as the free radicals of water and peroxides accumulated. Extracellular phage s_d was thus found to be capable of mutational changes under the influence of ionizing radiations, under conditions both of direct and of primarily indirect action. The correspondence of the kinetics of its inactivation and mutagenesis to the target theory under conditions of direct action, and the possibility of a separate investigation of the two effects of ionising radiation on mutagenesis,

L 25626-66
ACC NR. AP6017089

make the phage an especially convenient specimen for studying the mechanism of genetic changes in resting DNA induced by radiation. Compounds that protect phage sd from the lethal effects under the indirect action of gamma rays also provide protection from the mutagenic effect, which permits the use of the phage model not only to study the quantitative principles of radiation mutagenesis at the molecular level but also to investigate the influence of protective substances and antimutagens under conditions of total exclusion of processes of postradiation metabolism, which frequently greatly complicate the interpretation of the data obtained. This paper was presented by Academician V. A. Engel'gardt on 18 June 1964. Orig. art. has: 2 figures and 2 tables. [JPRS]

SUB CODE: 06, 20 / SUBM DATE: 08May64 / ORIG REF: 012 / OTH REF: 007

Card 3/3 FV

[illegible]; [illegible], M. B.; [illegible], A. M.; [illegible], M. N.; [illegible], L. V.;
FEYNBERT, G. M.
KRIVISSKIY, A. M.

Komplekti Dorozhnih Mashin (Sets of Road Machinery), Moscow, 1948.

[illegible], A. M.

"Vozvedenie Zemlyanogo Polotna Avtomobil'nykh Dorog," (Erection of Ground Foundation of Highways), 168 p., Highway Publ. House, Moscow, 1948.

KRIVISSKIY, A.M., kandidat tekhnicheskikh nauk; KORSUNSKIY, M.B., kandidat tekhnicheskikh nauk; MOTYLEV, Yu.L., kandidat tekhnicheskikh nauk.

Causes of deformations of flexible pavements. Avt.dor. 20 no.3:6-8 Mr '57. (MLRA 10:5)
(Pavements)

KRIVISSKIY, A.M.

KRIVISSKIY, A.M., kand.tekhn.nauk.

Theory and practice in constructing pavements. Avt.dor. 20 no.11(181):6-8 N '57. (MIRA 10:12)
(Pavements)

KRIVISSKIY, A.M.

Testing road pavements in construction yards in the United States. Avt.dor. 22 no.12:25-28 D '59.
(MIRA 13:4)
(United States--Pavements--Testing)

KRIVISSKIY, Aleksandr Mikhaylovich, kand. tekhn. nauk; BABKOV, V.F., red.; DONSKAYA, G.D., tekhn. red.

[New systems for designing flexible road surfaces] Novye skhemy dlia rascheta nezhestkikh dorozhnykh odezhd. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 75 p. (MIRA 14:5)

(Pavements)

KRIVISSKIY, A.M., starshiy nauchnyy sotrudnik; PUZAKOV, N.A., starshiy nauchnyy sotrudnik; TULAYEV, A.Ya., starshiy nauchnyy sotrudnik; IVANOV, N.N., prof., red.; BABKOV, V.F., prof., red.; IVANOV, S.S., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Instructions concerning the designation of flexible road surface designs (VSN-46-60 of the Ministry of Transportation Construction of the U.S.S.R.) Instruktsiia po naznacheniiu konstruktsii dorozhnykh odezhd nezhestkogo tipa (VSN-46-60. Mintransstroi SSSR). Moskva, Nauchno-tekhn. izd-vo M-va avtomibl'nogo transporta i shosseinykh dorog RSFSR, 1961. 76 p. (MIRA 14:5)

1. Russia(1923- U.S.S.R.) Ministerstvo transportnogo stroitel'stva. 2. Gosudarstvennyy vsesoyuznyy dorozhnyy nauchno-issledovatel'skiy institut (for Krivisskiy, Puzakov, Tulayev)
(Pavements)

KRIVISSKIY, Aleksandr Mikhaylovich, kand. tekhn. nauk; TELYAYEV, P.I., nauchnyy sotr.; MEL'NIKOVA, M.G., nauchnyy sotr.; DEBERDEYEV, B.S., red.; BODANOVA, A.P., tekhn. red.

[Design and analysis of flexible pavements for local limiting equilibrium] Konstruirovanie i raschet nezhestkikh dorozhnykh odezhd po mestnomu predel'nomu ravnovesiiu. Moskva, Avtotransizdat, 1963. 75 p. (Pavements) (MIRA 16:5)

KRIVISKIY, A.S.

Current concepts on the nature of viruses. Vop. virus. 9 no.6:643-651 N-D '64. (MIRA 18:11)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR, Moskva.

CHERNIK, T.P.; KRIVISKIY, A.S.

Induction of mutations by ultraviolet irradiations and nitrous acid in the extracellular phage FX174. Genetika no.2:39-46 Ag '65. (MIRA 18:10)

1. Institute of Radiation and Physico-Chemical Biology, Academy of Sciences of the U.S.S.R., Moscow.

[illegible], A.I.; IL'INA, T.S.; KARENEVA, S.I.; KRYLOV, V.N.; LOBOVSKAYA, N.D.; MINDLIN, S.Z.; NIKIFOROV, V.N.; SOKOLOVA, Ye.V.; SUKHODOLETS, I.V.; ZAKHAROV, I.A.; INGE-VECHTOMOV, S.G.; KVITKO, K.V.; KRIVISSKIY, A.S.; KARASEVICH, Yu.N.; SHOSTAKOVICH, V.A., akademik, glav. red.; ALIKHANYAN, S.I., prof., red.; IL'INA, T.S., red.

[Genetics and variation of micro-organisms] Genetika i izmenchivost' mikro-organizmov. Moskva, Nauka, 1964. 304 p. (MIRA 17:9)

1. Institut atomnoy energii imeni I.V.Kurchatova (for Serokhina, Il'ina, Kareneva, Krylov, Lobovskaya, Mindlin, Nikiforov, Sokolova, Sukhodoleta). 2. Kafedra genetiki Leningradskogo gosudarstvennogo universiteta (for Zakharov, Inge-Vechtomov, Kvitko). 3. Institut radiatsionnoy i fiziko-khimicheskoy biologii (for Krivisskiy). 4. Institut mikrobiologii AN SSSR (for Karasevich).

BOGUSLAVSKIY, Ya.M.; ZIL'BER, D.A.; KRIVITSKAYA, E.I.

"Hygiene of the general technical training of pupils" by A.IA.Gutkin. Reviewed by IA.M.Boguslavskii, D.A.Zil'ber, E.I.Krivitskaia. Gig. i san. 25 no.8:115-117 Ag '60. (MIRA 13:11)
(SCHOOL HYGIENE) (GUTKIN, A.IA.)

KUNIN, S.K., dotsent; KRIVITSKAYA, E.I., dotsent

Physiological and hygienic evaluation of various forms of artificial illumination in classrooms. Gig. i san. 26 no.4:32-36 Ap '61. (MIRA 15:5)

1. Iz kafedry teorii i metodiki fizicheskogo vospitaniya i shkol'noy gigiyeny Leningradskogo pedagogicheskogo instituta imeni A.I.Gertsena.
(SCHOOLHOUSES--LIGHTING)

KRIVITSKAYA, E.I.; YUKHNOVSKAYA, S.I., red.

[Know how to work and know how to rest] Umei trudit'sia - umei otdykhat! Moskva, Meditsina, 1965. 47 p.
(MIRA 18:10)

ZENIN, A.S.; KRIVITSKAYA, G.I.

Bacillin-3 treatment for patients with various forms of syphilis. Vest.derm. i ven. 34 no.11:51-54 N '60.
(MIRA 13:12)

1. Iz kafedry kozhnykh i venericheskikh bolezney Kuybyshevskogo meditsinskogo instituta (direktor - dotsent D.A.Voronov).
(SYPHILIS ther.)
(PENICILLIN ther.)

L 1885-66 EWT(1)/FS(v)-3 DD
AM5026844 BOOK EXPLOITATION UR/

Krivitskaya, Geliya Nikolayevna

Effect of intense noise on the brain; experimental research (Deystviye sil'nogo zvuka na mozg; eksperimental'noye issledovaniya) Moscow, Izd-vo "Meditsina", 64. 0157 p. illus., biblio. (At head of title: Akademiya meditsinskikh nauk SSR) 4,000 copies printed.

TOPIC TAGS: zoology, central nervous system, nervous system disease, neurophysiology, nerve fiber, neuron, experiment animal, mouse, otolaryngology, animal disease therapeutics, reflex activity, audition noise analyzer, biologic vibration effect

PURPOSE AND COVERAGE: This book covers the problem of change in morphological structures (nerve cells, fibers, synapses, glia and vessels) in the neuron systems using different analyzers for the effect of noise stimulants such as an electric bell with a strength of 80-130 decibels of mixed frequency used from one to 44 times. The material is divided into three parts. The first part describes the harmful effect of sound irritants on living organisms. The second deals with experimental data (producing convulsive attacks in a rat in response to sound irritants). In both chapters further references are cited.

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AM5026844

In the third chapter results of studies are compared with data from references This book is recommended for neuropathologists, otolaryngologists, therapeutists and pathomorphologists.

TABLE OF CONTENTS: (abridged)

SUB CODE: SUBMITTED: 11Apr64

NO REF SOV: 274 OTHER: 109

Card 2/2

KRIVITSKAYA, L.

Determining toxicity of sewage. Zhil.-kom. khoz. 8 no.2:19-20 '58. (MIRA 11:2)
(Sewage--Analysis)

KRIVITSKAYA, L.S.

Causes of the decrease of water-soluble phosphates in municipal sewage. Vod. i san. tekh. no.12:9-10 D '62.
(MIRA 15:12)

(Phosphates) (Sewage)

KRIVITSKAYA, M., inzh.

Construction of a mill for continuous pipe rolling in Pervoural'sk.
Na stroi.Ros. no.12:9-10 D '61. (MIRA 16:1)
(Pervoural'sk—Pipe mills) (Precast concrete construction)

KRIVITSKAYA, R.G.

Cases of human beings in Pendzhikent District stung by the "murcha-gunda", a mud wasp. Zdrav. Tadzh. 8 no.1:21-25 '61. (MIRA 14:3)

1. Iz kafedry propedevtiki vnutrennikh bolezney i kafedry biologii i meditsinskoy parazitologii Stalinabadskogo meditsinskogo instituta imeni Abuali ibni Sino.
(PENDZHIKENT DISTRICT--VENOM--PHYSIOLOGICAL EFFECT) (WASPS)

SIKHIMIN, P.I.; KRIVITSKAYA, Ye.A.

Hormone therapy of bronchial asthma. Trudy Inst. im. N.V. Sklif. 5 no.2:124-129 '62. (MIRA 18:6)

FRAITSESON, V.A.; KRIVITSKAYA, Ye.F.

Nutrient conditions and their improvement in Chernozem soils brought recently under cultivation. Zemledelie 7 no.6:28-35 Je '59. (MIRA 12:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya.
(Siberia, Western--Chernozem soils)
(Kazakhstan--Chernozem soils)

KRIVITSKAIA, Ye. S.

Result of application of hearing aids in various forms of hearing disorders. Vest. otorinolar., Moskva 15 no.6: 13-17 Nov.-Dec. 1953. (CIML 25:5)

1. Of the Department of the Diseases of the Ear, Throat, Nose, and Speech (Head -- Prof S.I. Shunskiy, Doctor Medical Sciences), Tashkent Medical Institute.

KRIVITSKIY, A.; VORONCHIKHIN, D.A., gvardii podpolkovnik, red.; NIKITIN, G.N., tekhn. red.

[The Russian officer in foreign countries] Russkii ofitser za rubezhom. Moskva, Voen. izd-vo Narodnogo komissariata obor. SSSR, 1946. 31 p. (MIRA 11:9)

(Russian—Army—Officers)

KRIVITSKIY, A., podpolkovnik; ROMANOVSKIY, M., mayor.

Let's multiply the ranks of experts. Voen.-inzh. zhur. 101 no.4: 13-15 Ap. '57. (MIRA 10:6)
(Moscow--Military art and science--Congresses)

KRIVITSKIY, A., polkovnik

Study of mines. Voen. vest. 39 no. 1:51-54 Ja '60.
(MIRA 14:2)
(Mines, Military)

KRIVITSKIY, A., polkovnik

A cross-country route is marked out. Starsh. serzh. no.1:17 Ja '62. (MIRA 15:4)
(Military engineering--Cold weather conditions)

MOCHALOV, V.A.; MATYUSHCHENKO, D.D.; KRIVITSKIY, A.A.; GLEZER, G.N.; OPARIN, I.M.; KHEYMAN, E.L.; SMETNEV, N.N.; EPSHTEYN, A.L.; GUSEV, B.Ya.; LEYKIN, L.P.; MARCHENKO, G.M.; FISHKOV, V.G.; SAPROVSKIY, S.V.; LYAKHOVSKIY, I.I.; SMELYAKOV, Ye.P.; VAYNTRAUB, D.A.; BUDYLIN, M.M.; NOTKIN, Ye.M.; KUR, G.Ye.; ARONSHTEYN, N.A.; SUKHAREV, V.I.; VINOGRADOV, K.N.; BOBROVSKIY, N.S.

Innovators' certificates and patents. Mashinostroenie no. 2: 103-109 Mr-Ap '64. (MIRA 17:5)

KLIVITSKIY, A.B., insh.; ZELEN'SKIY, S.A., insh.

Assuring a year-round supply of inert building materials in Siberia. Stroi.prom. 35 no.9:22-24 S '57. (MIRA 10:10)
(Siberia--Gravel)

USSR / Meadow Cultivation. L

Abs Jour: Ref Zhur-Biol., No 7, 1958, 29605.

Author : Krivitskiy, A. I.
Inst : Not given.
Title : The Appropriation of the Primorskaya Belt With a Single Hay Mowing Stock of Black Soil. (Osvoyeniye Primorskoy polosy pod yedinyy sen-okosnyy fond Chernykh Zemel').

Orig Pub: Ovtsevodstvo, 1957, No 6, 39-40.

Abstract: In a rayon with chernozem earth (in Astrakhanskaya Oblast') consisting of 48,196 hectares of hay, mowed hay with a predominance of reeds is the most widespread form. Primorskaya belt will make it possible to gather, in the case of its appropriation, up to 500-600 thousand centners of hay annually. Measures are indicated which are indispensable to the acquiring of this zone.

Card 1/1

[illegible], A.I., Cand Agri Sci -- (diss) "[illegible] (Phragmites communis) in the Primorskiy zone of the [illegible] Precaspian lands," Moscow, 1959, 22pp (All-Union Sci-Res Institute of Feeds im V. R. Vil'yams) (KL, 30-60, 116)

KRIVITSKIY, A.L.

The department of hometherapy. Zdrav.Bel. 8 no.11:70-75 N '62.
(MIRA 16:5)

1. Iz 5-y ob"yedinennoy bol'nitsy Minska (glavnyy vrach R.L. Shimkevich).

(HOME NURSING)

KRIVITSKIY, Aleksandr L'vovich

[On a progressive collective farm] V peredovom kolkhoze. Frunze, Kirgizskoe gos. izd-vo, 1955. 24 p. (MLRA 9:12)
(Collective farms)

TIKHONENKO, A. S.; BESPALOVA, I. A.; KRIVISKIY, A. S.

"Electron microscopy studies of RNA phage MS2 and its reproduction in bacterial cells."

report submitted to 3rd European Regional Conf, Electron Microscopy, Prague, 26 Aug-3 Sep 64.

KRIVITSKIY, A.S., inzh.

Economic effectiveness of expanding lumber transportation in the Volga-Kama Basin. Rech.transp. 18 no.10:7-10 O '59.
(MIRA 13:2)
(Volga Valley--Lumber transportation)

KRIVITSKIY, A. S.

"Mutagenic effects of radiation on bacteriophage"

paper presented at the Symposium on Biological Effects of Ionizing Radiation at the Molecular Level (IAEA), 2-6 July 1962, Sino Czech.

KRIVITSKIY, B. PA 164T98

USSR/Radio - Pulse Techniques Aug 50
Television

"Pulse Technique," B. Krivitskiy, Yu. Shumikhin

"Radio" No 8, pp 20-23

Explains basic elements of pulse transmitters and receivers and properties of video pulses and radio pulses. States many Soviet scientists are working on this subject.

164T98

Feb 52

USSR/Electronics - Radiosondes
KRIVITSKIY, B. Meteorology - Measurements

"Professor P. A. Molchanov's Radiosonde System," B. Krivitskiy and M. Maksimov

"Radio," No 2, pp 18-20

Claims radio sounding was invented by Molchanov and tested in 1930 for the first time in the world in Pavlovsk. Describes Molchanov's sonde in detail. Gives brief account of a radarsonde developed in the USSR in 1946 by V. V. Kostarev (original paper published in "Meteorol[illegible] i gidrol[illegible]," No 2, 1946).

YEVDOKIMOV, P.I., redaktor; KRIVITSKIY, B.Kh., redaktor; Shumikhin, Yu.A., redaktor; TRASKIN, K.A., inzhener-podpolkovnik, redaktor; MYASNIKOVA, T.F., tekhnicheskiy redaktor

[Transmitting electric measurement data by radio; collection of translations on radiotelemetry] Tekhnika peredachi resul'tatov izmerenii po radio; sbornik perevodov po radiotelemetrii. Moskva, Voen. izd-vo Ministerstva oborony SSSR, 1955. 148 p. [Microfilm](MLRA 8:6)
(Telemetering)

KRIVITSKIY, Boris Khatskelevich; POLEZHAYEV,I.I., redaktor; DIKAREVA,A.I. redaktor; KOHUZEV,N.N., tekhnicheskiy redaktor

[Impulse circuits and apparatus] Impul'snye skhemy i ustroistva. Moskva, Izd-vo "Sovetskoe radio," 1955. 247 p. (MIRA 9:2)
(Radio--Apparatus and supplies)

AUTHOR: Krivitskiy, B.Kh. 108-13-4-9/12

TITLE: On the Pulse Passage Through an Amplifier With an Automatic Rapid Control of Amplification (O prokhozhdenii impul'sa cherez usilitel' s bystrodeystvuyushchey avtomaticheskoy regulirovkoy usileniya)

PERIODICAL: Radiotekhnika, 1958, Vol 13, Nr 4, pp 68-76 (USSR)

ABSTRACT: The peculiar features during the passage of a trapezoid pulse through an amplifier provided with a very simple automatic device for the rapid control of amplification are investigated. The shape and the magnitude of the impulse at the output of the amplifier are determined by approximation. Taking account of the nonlinearity of the dependence of the amplification factor upon the control voltage u_r leads to no new basic results. It is shown that, because of domains with a low degree of slope on the control characteristic K_N the efficacy of operation of the system of automatic rapid control of amplification is diminished (the impulse front is distorted and, conditions otherwise being equal, the voltage at the output of the impulse-front-end is increased).

Card 1/2

On the Pulse Passage Through an Amplifier With an Automatic Rapid Control of Amplification 108-13-4-9/12

It is shown that using tubes with elongated characteristics in this system is not to the purpose (if no additional demands are made). There are 8 figures and 4 Soviet references.

SUBMITTED: November 22, 1957

AVAILABLE: Library of Congress

1. Amplifiers—Control—Applications 2. Pulses—Transmission

Card 2/2

KRIVITSKIY, B.Kh.; OVCHINNIKOV, N.I., red.; SUKHANOV, Yu.I., red.; SVESH-NIKOV, A.A., tekhn. red.

[Elements and equipment for engineering] Elementy i ustroistva impul'snoi tekhniki. Izd.2., dop. i perer. Moskva, Izd-vo "Sovetskoe radio," 1961. 541 p. (MIRA 14:8)
(Pulse techniques(Electronics))

KUBARKIN, Leontiy Vladimirovich; LEVITIN, Yefim Alekseyevich; KRIVITSKIY, B.Kh., red.; LARIONOV, G.Ye., tekhn. red.

[Recreational radio engineering] Zanimatel'naia radiotekhnika. Izd.2., perer. i dop. Moskva, Gosenergoizdat, 1962. 263 p. (Massovaia radiobiblioteka, no.454) (MIRA 15:10)
(Radio)

KRIVITSKIY, Boris Khatskelevich; SHAMSHUR, V.I., red.; BORUNOV, N.I., tekhn. red.

[Automatic systems in radio apparatus]Avtomaticheskie sistemy radiotekhnicheskikh ustroistv. Moskva, Gosenergoizdat, 1962. 664 p. (MIRA 16:3)
(Radio) (Electronic control)

LEVIT, N.B.; PODGAYNYY, V.K.; KRIVITSKIY, B.Kh., inzh.-polkovnik, red.; SHAROGORODSKIY, S.G., inzh.-podpolkovnik, red.

[Automatic control] Avtomatika. Moskva, Voenizdat, 1964. 400 p. (MIRA 17:5)

AM4007950 BOOK EXPLOITATION S/

Krivitskiy, Boris Khatskelevich

Automatic control systems in radio equipment (Avtomaticheskiye sistemy* radiotekhnicheskikh ustroystv). Moscow, Gosenergoizdat, 1962. 664 p. illus., biblio. 15,000 copies printed.

TOPIC TAGS: amplitude discrimination, phase discriminator, frequency discriminator, automatic frequency control, automatic phase control, direction finder, automatic tracking, radar

PURPOSE AND COVERAGE: This book is intended for students in radio engineering schools of higher education. It may also be useful to engineers concerned with the automation of radio systems and equipment. Fundamentals of control systems are discussed on the basis of the theory of automatic control. Descriptions are given of the most frequently used measuring elements of these systems (amplitude, frequency, phase, and time discriminators.) The author thanks S. F. Bavarov, Z. S. Karamov, and M. V. Maksimov for their help in the preparation of the book.

Card 1/10

VAKIN, S.A.; KRIVITSKIY, B.Kh.; SHUSTOV, L.N.

Direction finding characteristics of single-pulse automatic tracking systems. Izv.vys.ucheb.zav.; radiotekh. 8 no.5:550-560 S-O '65. (MIRA 18:12)

1. Submitted November 25, 1964.

L 39578-66

ACC NR: AP6000520 SOURCE CODE: UR/0142/65/008/005/0550/0560

AUTHOR: Vakin, S. A.; Krivitskiy, B. Kh.; Shustov, L. N.

ORG: none

TITLE: Direction-finding characteristics of monopulse automatic-tracking systems

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 5, 1965, 550-560

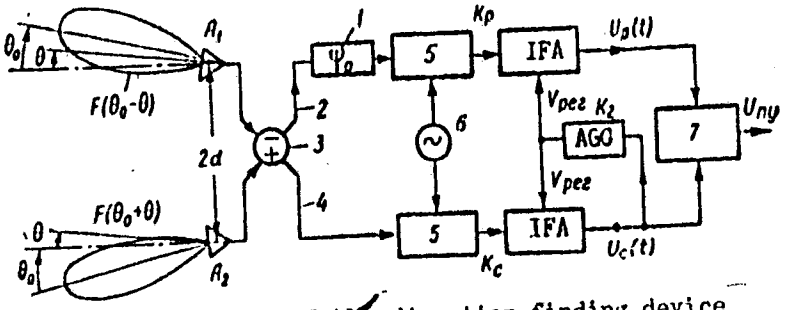
TOPIC TAGS: monopulse radar, automatic tracking

ABSTRACT: The well-known Hellgren's direction-finding characteristics are based on ideal operation of the AGC system. Under real conditions, the phase-detector output voltage depends on the strength of the input signal. The present article develops formulas describing the direction-finding characteristics with an allowance for the real AGC-system operation. A generalized scheme (see figure below) is considered: Both amplitude and phase direction-finding characteristics show that the major-lobe width is independent of the AGC equivalent transfer factor ρ. This factor, however, has an essential influence on the slope of the direction-finding characteristics and on the spacing between the maxima when $\rho < 10-20$. With

Card 1/2 UDC: 621.396.96

L 39578-66

ACC NR: AP6000520



Functional diagram of the direction-finding device of a monopulse radar; 1 - delay system, 2 - difference, 3 - hybrid ring, 4 - sum, 5 - mixer, 6 - heterodyne, 7 - phase detector; IFA - IF amplifier, AGC - automatic gain control

$\zeta > 20-30$, the shape of the direction-finding characteristic depends only slightly on the input-signal amplitude and AGC parameters. The direction-finding system is linear (with a variable slope) only for small angular displacements of the target from the equisignal line. Orig. art. has: 11 figures and 40 formulas.

SUB CODE: 17 / SUBM DATE: 24Oct63 / ORIG REF: 003

Card 2/2

AKIMOV, V.I., prof. [deceased]; KRIVITSKIY, D.I.

Surgical treatment of thyrotoxicosis. Klin. khir. no.3:50-53 '65. (MIRA 18:8)

1. Kafedra khirurgii I (zav. - prof. V.I.Akimov [deceased]) Kiyevskogo instituta usovershenstvovaniya vrachey.

KRIVITSKIY, I.A.; IL'YENKOV, E.T.

Behavior of bank swallows during cold spells. Priroda 50 no.8:127 Ag '61. (MIRA 14:7)

1. Kurgal'dzhinskiy zapovednik (TSelinogradskaya obl.)
(Kurgal'dzhin region—Swallows) (Birds—Behavior)

KRIVITSKIY, I.A.

An albino black lark. Trudy Inst. zool. AN Kazakh. SSR 24: 217-218 '64. (MIRA 17:12)

KRIVITSKIY, I.A.

Materials on birds of the Tengiz-Kurgal'dzin Depression. Ornitologiia no.7:146-152 '65. (MIRA 18:10)

KRIVITSKIY, I.A.

Ornithological conference at the Kharkov University. Ornitologiia no.7:506-507 '65. (MIRA 18:10)

KRIVINSKIY, I.I., kand.sel'skokhoz.nauk

Considering the economic return rate of feed as a factor in breeding work. Zhivotnovodstvo 24 no.5:81-82 My '62. (MIRA 16:10)

ANASHKIN, V. KRIVITSKIY, K.; TRUBITSYN, O.

New trends in the dispatching of taxicabs. Avt. transp. 37 no.5:7-9 My '59. (MIRA 12:8)
(Taxicabs)

KRIVITSKIY, KONSTANTIN ALEKSANDROVICH

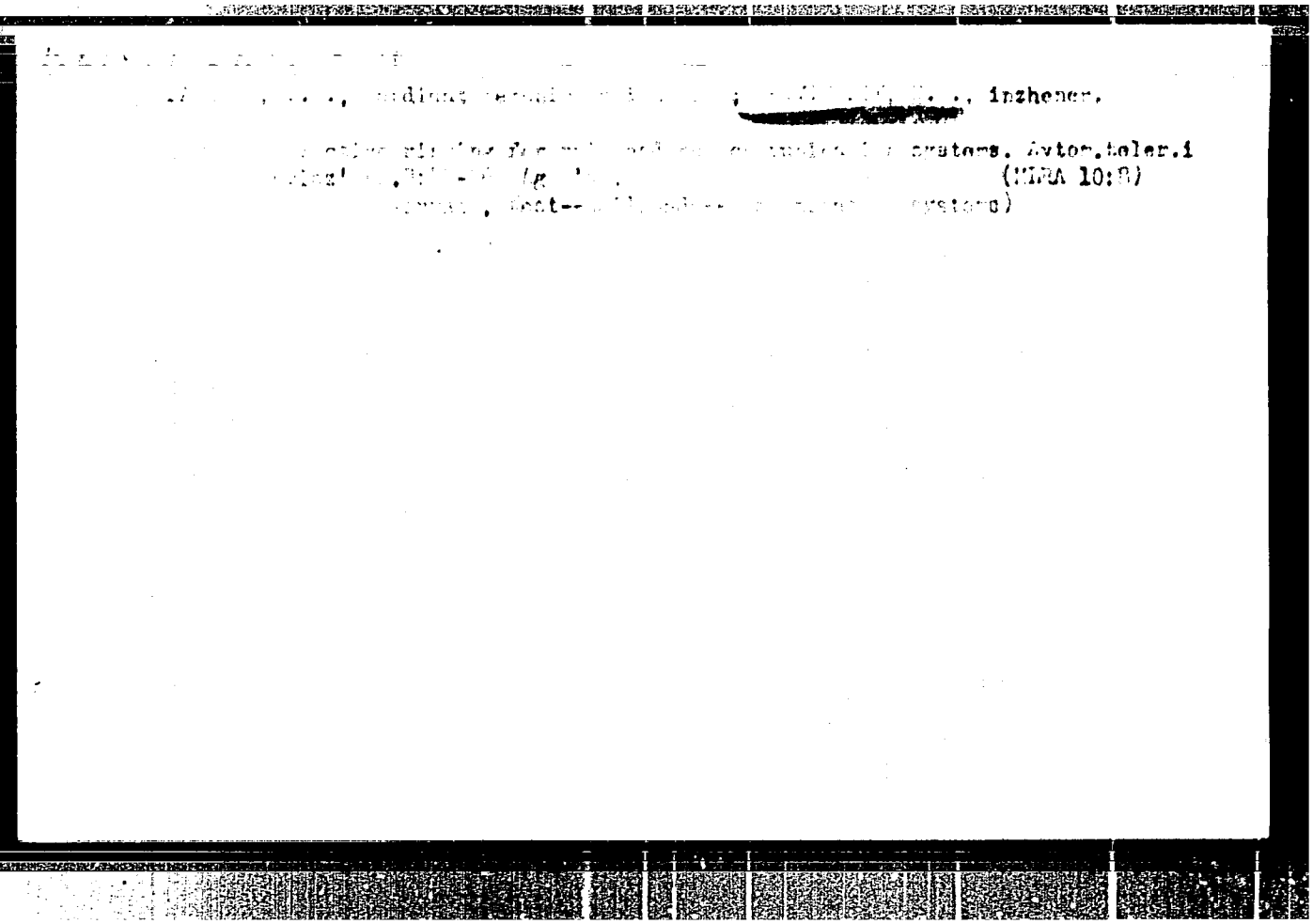
BOYTSOV, Aleksandr Yevgen'yevich; GERASENKOV, Vladimir Iosifovich; KRIVITSKIY, Konstantin Aleksandrovich; PADERNO, I.P., kandidat tekhnicheskikh nauk, redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Electric supply for communication installations] Elektropitanie ustroistv sviazi. Moskva, Gos.transp.zhel-dor. izd-vo, 1955. 319 p. (MLRA 9:3)
(Electric engineering)

KRIVITSKIY, K.A.

PADERNO, I.P., kandidat tekhnicheskikh nauk; KRIVITSKIY, K.A., inzhener.

Communications on Canadian and American railroads. Avtom., telem. i svias' no.2 F '57. (MLRA 10:4)
(United States--Railroads--Communication systems)
(Canada--Railroads--Communication systems)



, inzhener.

systems. Avtom.teler.i
(MIRA 10:8)
systems)

PADERNO, I.P., kand. tekhn. nauk; KRIVITSKIY, K.A., inzh.

Communications on the United States and Canadian railroads in 1956-1957. Avtom., telem. i sviaz' 2 no.1:45 Ja '58. (MIRA 11:1)
(United States--Railroads--Communication systems)
(Canada--Railroads--Communications systems)

DEGOZHSKIY, G.A.; ANASHKIN, B.T.; BUNIN, D.A.; KOZLOV, V.P.; KRIVITSKIY, K.A.

Automatic recorders used in automobile parking lots. Biul.tekh.-ekon.inform. no.6:72-73 '58. (MIRA 11:8)
(Electronic instruments)

KRIVITSKIY, Konstantin Aleksandrovich; PADERNO, Iosif Pavlovich; POGODIN, Aleksandr Mikhaylovich; MARUSHKOVA, G.I., inzh., red.; STROGANOV, L.P., inzh.; VERINA, G.P., tekhn.red.

[High frequency telephone apparatus] Apparatura vysokochastotnogo telefonirovaniia. Izd.2, perer. i dop. Moskva, Gos.trasp.zhel-dor.izd-vo, 1959. 301 p. (MIRA 13:2)
(Telephone)

KRIVITSKIY, K.A., inzh.

Determination of traffic load by means of circuits independent of the rails. Avtom., telem.i sviaz' 3 no.7:44-46 Jl '59.
(MIRA 12:12)

(Railroads--Traffic)

KRIVITSKIY, K.A.; PADERNO, I.P., kand.tekhn.nauk

Intercommunication system for railroad service areas.
Avtom., telem.i sviaz 3 no.9:18-20 S '59.
(MIRA 13:2)

1. Glavnyy spetsialist tekhnicheskogo otdela Giprotranssignal-svyazi (for Krivitskiy).
(Railroads--Communication systems)

GERASENKOV, V.I., insh.; KRIVITSKIY, K.A.

New power supplying device for electric interlocking. Avtom., telem. i sviaz' 4 no.1:8-13 Ja '60. (MIRA 13:4)
(Railroads--Signaling--Interlocking systems)
(Railroads--Electronic equipment)

NEKRASOV, K.; KRIVITSKIY, M.; LISIYENKO, S.; KRITSKIY, G.; ROYZMAN, P.

Heat-resistant air-entrained concrete. Stroitel' 9 no.10: 5-8 O '63. (MIRA 16:11)

1. Nauchno-issledovatel'skiy institut betona i zhelezobetona (for Nekrasov, Krivitskiy, Lisiyenko). 2. Ust'-Kamenogorskoye stroitel'no-montazhnoye upravleniye tresta Soyuzteplostroy (for Kritskiy). 3. Temirtauskiy zavod yacheistogo betona (for Royzman).

KRIVITSKIY, M., student pyatogo kursa

They all work fine, or what is micronavigation. Grazhd. av. 21 no. 12:12-13 D '64. (MIRA 18:12)

1. Fakul'tet zhurnalistiki Moskovskogo gosudarstvennogo universiteta.

USSR/Mining - Physical chemistry

Card 1/1 : Pub. 22 - 23/44

Authors : Vaysman, B. A.; Krivitskiy, M. D.; and Krigman, F. E.

Title : Electron-microscopic investigation of the forms of transition pores of coal

Periodical : Dok. AN SSSR 97/6, 1031-1032, Aug 21, 1954

Abstract : Samples of coal strata of the Central Donbas coal region were investigated with the aid of an EM-3 electron-microscope to determine the form of their transient porosity. Electron-microscopic photos (magnified x 20,000) of coal samples taken from the Mazur coal stratum, are included. Three USSR references (1952 and 1953).

Institution : Ministry of Coal Industry, USSR, State Scient.-Research Institute, Makeev

Presented by: Academician M. M. Dubinin, April 10, 1954

GAVRIL'CHENKO, L.A.; KRIVITSKIY, M.D.

Effect of radioactive emanations on the igniting properties of electric disconnection sparks. Trudy MakNII 9 no.2:116-126 '59. (MIRA 12:8)
(Electricity in mining) (Radioisotopes--Industrial applications)

FERTEL'MEYSTER, Ya.N., kand. khim. nauk; KRIGMAN, F.Ye., inzh.; KRIVITSKIY, M.D.; VARAKIN, A.M.

Using gamma rays to measure the thickness of the settled layer of coal dust. Ugol' 34 no.1:48-50 Ja '59. (MIRA 12:1)
(Mine dusts) (Coal mines and mining--Safety measures)
(Gamma rays--Industrial applications)

SKLYARENKO, I.P.; KRIVITSKIY, M.D.; KRIGMAN, F.Ye.; BURTSEV, Ye.F.

Reflective beta-ray thickness gauge (RETOP-3A) for precipitated coal dust for use in mines. Atom. energ. 11 no.3:282-284 S '61. (MIRA 14:9)

(Coal mines and mining--Safety measures)
(Mine dusts)

KRIVITSKIY, M. D., KRIGMAN, F. Ye., and SKLYARENKO, I. P.

"The Method of Analyzing Ternary Mixtures in an Ionization Gas Analyzer"

paper presented at the All-Union Seminar on the Application of Radioactive Isotopes in Measurements and Instrument Building, Frunze (Kirgiz SSR), June 1961)

So: Atomnaya Energiya, Vol 11, No 5, Nov 61, pp 468-470

ACCESSION NR: AP4015325 S/0032/64/030/001/0067/0069

AUTHORS: Sklyarenko, I. P.; Krivitskiy, M. D.; Krigman, F. Ye.

TITLE: Analysis of ternary mixtures in ionization gas analyzers

SOURCE: Zavodskaya laboratoriya, v. 30, no. 1, 1964, 67-69

TOPIC TAGS: gas analyzer, relative sensitivity, methane, carbon dioxide gas, radiation source, ternary mixture

ABSTRACT: Measuring the relative sensitivity of methane and carbon dioxide gas in air at various distances between the radiation source and the working volume shows that a ternary mixture analyzer is feasible in a single ionization chamber. It is also shown that one can define the methane concentration and the sum of concentrations of the two gases with equal sensitivity using α- or β-ionization radiation.. Orig. art. has: 8 equations and 2 figures.

ASSOCIATION: Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti rabot v gornoy promy*shlennosti (Makeyevka Institute for Scientific Research for Safe Operation of Mining Industries)

Card 1/2

SKLYARENKO, I.P.; KRIVITSKIY, M.D.; KRIGMAN, F.Ye.

Analysis of ternary mixtures in ionizing gas analyzers. Zav. lab. 30 no.1:67-69 '64. (MIRA 17:9)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti rabot v gornoy promyshlennosti.

KRIVITSKIY, M. Ya.

"Heat-Resistant Autoclave Gas Concrete." Thesis for degree of Cand. Technical Sci. Sub 6 Dec 49, Central Sci Res Inst of Industrial Structures

Summary 82, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow, in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

Vacuum autoclave method for the production of porous concrete. I. T. Kudryashev and M. Ya. Krivitskii. Stroital. Prom. 29, No. 3, 27-8(1951).—The usual cycle of 5 hrs. to bring steam pressure up to 8 atm., 6 hrs. at this pressure, and 6 hrs. to decompress was successfully reduced to 6 + 4 + 3 hrs., thereby increasing plant capacity. In this process the initial vacuum was 300 mm. Hg.

M. Hoch

1. POCHTAREV, F. K. ENG. - KRIVITSKIY, M. YA.
2. USSR (600)
4. Concrete, Reinforced
7. Reinforce foam concrete plant. Stroi.prom. 30 no. 12, 1952

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

MYAKOV, K.N., inzhener (Glavuralpromstroy); POCHAREV, F.K., inzhener (Sevuraltyazhstroy); MAKARICHEV, V.V., kandidat tekhnicheskikh nauk; KRIVITSKIY, M.Ya., kandidat tekhnicheskikh nauk (TsNIPS).

"KAP" large panel reinforced gas concrete slabs for covering industrial buildings. Stroi.prom. vol. 31 no.9:8-11 S '53. (MLRA 6:9)
(Precast concrete construction)