TRAHTENBERG, D.M.; CHERKUNOVA, L.V.; KHOKHLOV, A.S.

Isolation and properties of the antiviral antibiotic violarin.
Antibiotiki 4 no.517-11 S-0 '59. (MIRA 13:2)

1. Vesnyusnyy nauohno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS chem.)
KHOKHLOV, A.S.; ROZENFEL'D, O.S.

Isolation and primary chemical purification of the antibiotic alboufungin. Antibiotiki 4 no.6:10-13 N-D '59. (MIRA 13:9)

1. Yeazyusnyy nauchno-issledovatel'skiy institut antibiotikov i Institut organicheskoj khimii imeni N.D. Zelinskogo AN SSSR. (APPBIOITIOS chem.)
A new type of polymyxin, polymyxin M. Antibiotiki 5 no.1;3-9 Ja-F '60.

1. Vsesoyuznyy nauchno-issledovatelskiy institut antibiotikov i laboratoriya khimii belka i antibiotikov khimicheskogo fakulteta Moskovskogo ordena Lenina gosudarstvennogo universiteta imeni M.V. Lomonosova.

(POLYMIXIN)
Polymycin, a new antibiotic from the streptotrichin group. Antibiotiki 5 no.6:5-10 N-D 60. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, kafedra mikrobiologii TSentral'nogo instituta usovershenstvovaniya vrachei.

(ANTIBIOTICS)
KUZNETSOV, V.D.; SOROKINA, Ye.I.; VIKHROVA, N.M.; KRYUCHKOVA, T.I.; KLEOPINA, G.V.; KOCHIKOV, A.S.

Producer of actinomycin belonging to the fluorescent group of actinomycetes. Zhurnal Inst. mikrobiol., no.8:193-201 '60. (MIRA 14:1)

1. Vsesoyuzny naučno-issledovatel’nyy institut antibiotikov, Moskva. (ACTINOMICETES) (ACTINOMYCIN)
SEMENOVA, V.A.; SOLOV'YEVA, N.K.; RYANOVSKAYA, I.S.; DVITZYEVA, V.S.;
TRAPTENBERG, D.M.; RODIONOVSKAYA, E.I.; CHERENKOVA, L.V.;
KHOKHLOV, A.S.; BYCHKOVA, M.H.; GINZBURG, G.N.

Antibiotic phytobacteriomyacin, effective in controlling bacteriosis
in plants. Trudy Vses. inst. sel'khоз. mikrobiol. 17:131-139 '60.
(MIRA 15:3)

(Antibiotics) (Bacteria, Phytopathogenic)
KHOKHOLOV, A.S.; KACHALINA, Ye.V.

Chemical properties of phenoxyethylpenicillin. Report No. 4: Production and properties of x-phenoxyethylpenicillamide of phenoxyethylpenicillic acid. Antibiotiki 5 no. 5:41-44 S-0 '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov. (FENICILLIN)
KHOKHLOV, A.S.; CHI CHAN-TSIN [Ch'ih Ch'ang-ch'ing]

Separation of 2,4-dinitrophenyl derivatives of certain amino acids by counter-current distribution. Biokhimia 25 no.6:1030-1034 N-D '60.

1. Research Institute of Antibiotics, Moscow.
(AMINO ACIDS)
AYGUL', V.T.; BAYKINA, V.M.; KHOKHLOV, A.S.

Automatic apparatus for countercurrent distribution. Zav. lab 26 no. 10: 1164–1166 '60. (MIRA 13:10)

1. Vsosoyuznyy nauchno-issledovatel'skiy institut antibiotikov. (Scientific apparatus and instruments)
KHOKHLOV, A.S.; PANINA, M.K.; UVAROV, A.V.

Preparation and properties of penicillin nitriles. Dokl. Akad. SSR
135 no.4:875-878 '60.

1. Vsesoyusnyy nauchno-issledovatel'skiy institut antibiotikov.
Predstavleno akademikom M.M.Shemyakinym.
(Penicillin)
KHOKHLOV, A. S.

Doc Chem Sci - (diss) "Studies on the production and chemical study of several antibiotic and anti-cancer substances." Moscow, 1961. 44 pp; (Academy of Sciences USSR, Inst of Organic Chemistry imeni N. D. Zelinskiy); 200 copies; price not given; list of author's works on pp 35-42 (52 entries); (KL, 6-61 sup, 196)

"Synthesis of Oxtetracycline in Inactive Mutants of Actinomyces rimosus."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 Aug 1961
SHEMYAKIN, Mikhail Mikhaylovich; KHOKHLOV, Aleksandr Stepanovich; KOLOSOV, Mikhail Nikolayevich; BERGEL'SON, Lev Davydovich; ANTONOV, Vladimir Konstantinovich; SHVETSOV, Yu.B., red. izd-va; DOROKHINA, I.N., tekhn. red.

GROVA, N.V.; ZAITSEVA, Z.M.; KHOHLOV, A.S.; CHERCHES, B.Z.

Some physiological characteristics of inactive mutants of Act. rimosus, an oxytetracycline producer. Antibiotiki 6 no.7:629-635 Jl '61. 
(NIRA 15:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov i Institut primii prirodnikh soyedineniy AN SSR. 
(Act: Nomyces) 
(ACT: Nomyces)
BLINOV, N.O.; OPIARYSHKA, Ye.F.; TRUBNIKOVA, I.N.; ROZANOVA, T.M.; KHOKHLOV, A.S.

Formation of additional spots in the paper chromatography of antibiotics. Antibiotiki 6 no.7:660-666 Jl '61. (MIRA 15:6)

1. Institut khimii prirodnykh soedinieniy AN SSSR i Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
   (ANTIBIOTICS)
   (PAPER CHROMATOGRAPHY)
Results of the Fourth European Symposium on the chemistry of peptides. Abstracts of reports. Zhur. VKhO 7 no.4:468-476 '62.


(Continued on next card)
KHOKHOLOV, A.S.; CHIH CHAN-TSIN [Ch'ih Ch'and-ch'ing]


1. The All-Union Research Institute of Antibiotics, Moscow.
(POLYMIXINS) (AMINO ACIDS)
Counterflow distribution for detecting a new streptomycin-like antibiotic produced by the Ls-1 strain of Str. griseus (Act. streptomycini). Antibiotiki 7 no.2:112-117 P '62. (MIRA 15:2)

1. Vaeseyzvny nauchno-isledovatel'skii institut antibiotikov. (STREPTOMYCIN) (ACTINGYCES)
BLINOV, N.O.; KHOKHLOV, A.S.

Use of paper chromatography in the study of antibiotics. Antibiotiki 7 no.2:183-191 P '62. (PAPER CHROMATOGRAPHY) (ANTIBIOTICS)
BLINOV, N.O.; RYABOVA, I.D.; USPENSKAYA, T.A.; KHOKHLOV, A.S.

Identity of heliomycin and resistomycin. Antibiotiki 7 no.8;708-713 Ag '62. (MIRA 15:9)

1. Institut khimii prirodnikh aoyedineniy AN SSSR i Institut po izyskaniyu novykh antibiotikov AMN SSSR.

(ANTIBIOTICS)
The present state of investigation on lipid mobilizing factors. Call Ca Chem 27 no.9:2261-2262 8 '62.

1. Institut for the Chemistry of Natural Products, Academy of Sciences of the U.S.S.R., Moscow.
AMBARTSUMYAN, V.A., akademik; ASRATYAN, E.A.; BOGOLYUBOV, N.N.,
akademik; VINogradov, A.P., akademik; GINETSINSKIY, A.G.;
KRUNANTS, I.L., akademik; KOCIETKOV, N.K.; KURSANOV, A.L.,
akademik; MEL'NIKOV, O.A.; NESEYANOV, A.N., akademik;
NESEYANOV, An.N., doktor khim. nauk; ORENOV, L.V.,
akademik; POLIVANOV, M.K., kand. fiz.-mat. nauk; REUTOV, O.A.;
RYZHKO, V.L.; SPITSIN, V.I., akademik; TAIM, I.Ye., akademik;
FESENKOV, V.G., akademik; FOIK, V.A., akademik; SHCHERBAKOV,
D.I., akademik; FRANK, L.M.; FRANK, G.M.; KHOKHLOV, A.S.,
doktor khim. nauk; SHEMAYKIN, H.M., akademik; ENGEL'GARDT,
V.A., akademik; SHAPOSHNIKOV, V.N., akademik; BOYARSKIY, V.A.;
LIKHTENGSTEIN, Ye.S.; VIATZETSZVA, V.N., red.izd-va; KIZAYS,
Ye.N., red.izd-va; TARASENKO, V.M., red.izd-va; POLYAKOVA,
T.V., tekhn. red.

[As seen by a scientist: From the Earth to galaxies, To the
atomic nucleus, From the atom to the molecule, From the
molecule to the organism] Glasami uchenogo: Ot Zemli do ga-
laktik, K iadru atoma domolekuly, Ot molekuly do organizma.
1. Akademiya nauk SSSR. 2. Chlen-korrespondent AN SSSR (for
Asratyan, Ginetsinskiy, Kochetkov, Mel'nikov, Reutov, Ryzhkov,
Frank, I.M.; Frank, G.M.)
(Astronomy) (Nuclear physics) (Chemistry) (Biology)
KHOKHLOV, A.S.; ELINOV, I.N.


I. Institut khimi prirodnikh soyedineniy AN SSSR. (PENICILLIN) (PAPER CHROMATOGRAPHY)
RUDAYA, S.M.; SOLOV'EVA, N.K.; ROZENFEL'D, G.S.; KHOKHOLOV, A.S. 
BYCHKOVA, M.M.

Formation, isolation and primary chemical purification of antibiotic no. 660-15, related to albofungin. Antibiotiki 8 no.2:99-103 P'63. 

(MINA 16:7)

1. Vsesoyurny nauchno-issledovatel'skiy institut antibiotikov i Institut khimii prirodnikh soyedineniy AN SSSR, 

(ANTIBIOTICS) (FUNGICIDES)
RESHETOV, P.D.; BLINOV, N.O.; KROKHLOV, A.S.

Chromatographic comparison of polymycin with some streptothricin antibiotics. Antibiotiki 8 no. 2; 104-110 P' 63.
(MIRA 167)

1. Institut khimii prirodnih soyedineniy AN SSR.
   (ANTIBIOTICS) (CHROMATOGRAPHIC ANALYSIS)
   (POLYMIXIN)

Albonursin, a substance accompanying the antibiotics nystatin and albofungin. Antibiotiki 8 no. 31201-207 Mr'63 (MIRA 17.4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov i ' Institut khimii prirodnikh soyedineniy AN SSSR.
BLINOV, N.O.; KHOKHLOV, A.S.

Detection of antibiotics by paper chromatography. Antibiotiki
8 no. 8: 751-762 Ag '63. (MIRA 17:5)
BLINOV, N.O.; VORONIN, V.V.; OROTEV, I.I.; KHOKHLOV, A.S.

Automatic camera for chromatography on paper. Lab. delo 9
no. 3158-59 Nбр '63.
(MIRA 16т4)

1. Institut khimii prirodnikh soedinenii AMN SSSR.
(PAPER CHROMATOGRAPHY)
KHOKHLOV, A.S. - Doktor khim. nauk

Coordinative conference on the Chemistry of Peptides. Vest. AN SSSR 33 no. 9, 1977 S '63.

(Peptides)
Some cleavage products of "albonursin." Dokl. AN SSSR 148 no.6:1320-1322 F '63.

(MIRA 16:3)

I. Institut khimii prirodnikh soyedineniy AN SSSR i Vsesoyuzny
nauchno-issledovatel'skiy institut antibiotikov. Predstavleno
akademikom M.M.Shenyakinym. (ANTIBIOTICS)
RESHETOV, P. D.; KHOKHLOV, A. S.

"Production and characterization of individual streptothricin antibiotics."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst for Chemistry of Natural Compounds, AS USSR, Moscow.
"A Study of streptomycin in biosynthesis."

Report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst for Chemistry of Natural Compounds, AS USSR, Moscow.
BLINOV, N. O.; OPARYSHEVA, Ye. F.; KHOKHLOVA, Yu. M.; YAKUBOV, G. Z.; PUCHNINA, A. V.;
FEDKINA, N. G.; KHRYASHCHEVA, K. M.; KHOKHLOV, A. S.

"Classification of antibiotics according to 'chromatographic spectra'."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst for Chemistry of Natural Compounds, Inst of Microbiology, AS USSR, All-Union
Res Inst for Antibiotics, Moscow.
BLINOV, N.O.; FED'KINA, N.G.; OPARYsheva, Ye.F.; KHOKHLOV, A.S.

Methods of the classification of antibiotics in the early stages of their study. Izv. AN SSSR. Ser. biol. no.4:533-545 J1-Ag '64.

1. Institut khimi1 prirodnikh soyedineniy AN SSSR i Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
RESHETOV, P.D.; KHOKHLOV, A.S.

Study of streptothricins by ion exchange chromatography. Antibiotiki 9
no.3:197-201 Mr '64.
(MIRA 17:52)

1. Institut khimi prirodnikh soedineniy AN SSSR, Moskva.
New phenoxymethylpenicillin derivatives from the carboxyl group.
Antibiotiki 9 no.8:685-690 Ag '64.

(AMRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skii institut antibiotikov
1 Institut khimii prirodnykh soedineniy AN SSSR, Moskva.
Chemical structure and biological properties of
Vest. All USSR Aa no.8:35.645 by. 1964.

1. Chem-korrrespondent All USSR.
KHOKHLOV, A.S.

International Congress on Antibiotics held in Prague June 15-19 1964. Vest. AN SSSR 24 no.11:90-92 N '64. (MIRA 17:12)

1. Chlen-korrespondent AN SSSR.
RESHETOV, P.D.; KHOKHLOV, A.S.


1. Institut khimii prirodnykh soyedineniy AN SSSR.
LOKHIN, G.B.; KHOKHLOV, A.S.; SHEYNKER, Yu.N.; SENYAVINA, L.B.

Chemical and spectroscopic study of albonoursin. Khim. prirod.
soed., no.6:395-400 '65. (MIRA 19:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR i Vsesoyuznyy
nauchno-issledovatel'skiy institut antibiotikov. Submitted
GERMANOVA, K.I.; GONCHARSKAYA, T.Ya.; DELOVA, I.D.; IL'INSKAIA, S.A.;
MEL'NIKOVA, A.A.; ORESHNIKOVA, T.P.; RESETOV, P.D.; RUDAYA, S.D.;
SINITSYNA, Z.T.; SOLOV'YEVA, N.K.; KOCHKHOV, A.S.

Components and antiviral properties of some streptothricin anti-
biotics, Antibiotiki 10 no.2:117-122 F '65,

(MIRA 18'5)

1. Vesceyusnyy naucho-issledovatel'skiy institut antibiotikov
i Institut khimii prirodnykh soyedineniy AN SSSR, Moskva.
BLINOV, N.O.; MOROZOVA, G.R.; KHOKHOLOV, A.S.

Comparison of coelomicycin with the red-violet indicator antibiotics. Antibiotiki 10 no.8:717-722 Ag '65. (MIRA 18:9)

1. Institut khimii prirodnikh soyedineniy AN SSSR, Moskva, i
Institut mikrobiologii i virusologii AN Kazakhskoi SSR, Alma-Ata.
YAKUBOV, G.Z.; BLINOV, N.O.; SERGEYVA, L.N.; ARTAMONOVA, G.I.; KHOKHLOV, A.S.

Mycotins B₁, B₂ and C, the new antibiotics of the rhodomycin group. Antibiotiki 10 no.9:771-776 S '65. (MIKA 18:9)

1. Institut khimii prirodnykh soediniy i Institut mikrobiologii AN SSSR, Moskva.
Separation of the antibiotic oeslicomycin by gel filtration on sephadex. Antibiotiki 9 no.9:778-783 S '64. (MIRA 19:1)

1. Institut mikrobiologii i virusologii AN Kazakhkoy SSR i Institut khimi prirodnykh soyedineniy AN SSSR, Moskva.
RYSHKA, F.Yu.; KHOKHLOV, A.S.


I. Institut khimii prirodnych soedinieniy AN SSSR, Moskva.
Submitted June 18, 1965.
RYSHKA, F.; KHOKHLOV, A.S.

Gel filtration of pituitary hormones. Izv. AN SSSR. Ser. biol. 31
no.1:129-134 Ja-F '66.

I. Institut khimii prirodnikh soyedineniy AN SSSR, Moskva.
Submitted October 4, 1965.
ABSTRACT: Separation and isolation of hormones of the hypophysis by the method of gel filtration, which is described in the literature, was studied. Gel filtration was carried out in columns containing G-25, G-50, and G-100 sephadex gels. Solutions in 0.1-0.2 N acetic acid were filtered and the same solvent was used in elution. The RF values and elution volumes for oxytocin, vasopressin, alpha-melanostimulating hormone, beta-melanostimulating hormone, ACTH, prolactin, thyreostimulating hormone, follicle-stimulating hormone, the hormone stimulating interstitial cells, somatotropic hormone, vasopressin, and lipotropin on the three types of sephadex were determined. The lipolytic activity of hormones was tested in vitro and in biological tests on rabbits. It was confirmed that in addition to the previously known hypophyseol hormones lipotropin, a hormone that had been isolated by the authors (cf. Biokhimiya, vol. 30, p. 1, 277) was also present. The polypeptide lipotropin, which had a molecular
weight distinctly different from those of ACTH, melanostimulating hormone, and vasopressin, also exhibited the strong lipolytic action on the fat tissue guinea pigs in vitro that is characteristic of these three hormones. Orig. art. has: 6 figures and 1 table. [JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: 04Oct65 / ORIG REF: 002 / OTH REF: 017
(MIRA 18:11)
LEVIN, M.I., insh.; KHOKHLOV, A.V., insh.

Expansion of the felting industry in the 1959-1965 period.
Tekst prom. 19 no. 8:4-6 Ag '59. (MIRA 13:1)
The Prescribing of Arbitrary Boundary Conditions of 1. Order in Field Simulation According to the Method of Induced Current

Zhurnal tekhnicheskoy fiziki, 1960, Vol. 30, No. 5, pp. 480 - 490

In earlier papers (Refs. 1, 2) the first of the two authors suggested a new method of electric field simulation by utilizing the Shockley-Ramo-theorem on induced currents (Ref. 3). In the paper of Ref. 4, the author advanced the idea of simulating the fields according to this method in the case of arbitrary potential values on the boundary surfaces of the investigated system, and also showed the way in which this idea may be realized. In the present paper this idea is further developed. An approximate calculation of the circuit (which prescribes complex boundary conditions) and experimental results obtained by the simulating of some concrete resistors are given. First, the method of prescribing boundary
The Prescribing of Arbitrary Boundary Conditions $5/057/60/030/05/03/014$
of 1. Order in Field Simulation According to the B012/B056
Method of Induced Current

conditions is theoretically explained. Fig. 1 shows the circuit with the
prescribed arbitrary boundary conditions of 1. order. It was applied here
for the purpose of investigating such resistors, in which the electrodes
were connected in series and the probe passed them by successively. On
the basis of the figure, the calculation of this circuit is then given, for
which purpose the formulas by Kramer (Ref. 5) are used. The formulas
obtained (7) - (10) are used for calculating the circuits of some periodic
resistors. As usually resistors of the segment- and plug-type are used,
such systems are in this case investigated. The results obtained by
investigating segment-resistors are given. However, as it is difficult
in the case of plug-resistors to obtain analytical formulas for the field
(in the case of arbitrary electrode potentials), the experimental results
were compared with the analogous results obtained on a model of these
resistors in an electrolyte bath. The experimental setup and the experi-
mental method are described. Finally, the oscillograms of the induced
current obtained with both resistors are given and discussed. They show
that the potential distribution obtained by the induced current agrees
with the potential distribution recorded under the given boundary

Card 2/3
The Prescribing of Arbitrary Boundary Conditions, S/057/60/030/05/03/014 of 1. Order in Field Simulation According to the B012/B056 Method of Induced Current

conditions by means of the electrolyte bath. In form of a summary it is said that the method described offers the possibility of prescribing arbitrary boundary conditions of 1. order when simulating the fields according to the method of the induced current with the help of quite simple resistor-series. There are 10 figures and 7 references: 5 Soviet, 1 German, and 1 English.

ASSOCIATION: Saratovskiy gosudarstvenny universitet im. N. G. Chernyshevskogo, Kafedra radiofiziki (Saratov State University imeni N. G. Chernyshevskiy, Chair of Radio-physics)

SUBMITTED: July 8, 1959

Card 3/3
KHOKHLOV, A. V.

Results of application of plexiglas in rhinoplasty. Vest. otorinolaryng., Moskva 13 no.4:88 July-Aug 1951. (CML 21:1)

I. Sovetskaya Gavan'.
1. Volkov, L. F., Khokhlov, A. V.
2. SSSR (600)
4. Nose, Accessory Sinuses of
7. Clinical significance of contrast roentgenography of the maxillary sinuses. 
   Vest. oto-rin. 14 No. 5, 1952

VOLKOV, L. F.; KHOKHLOV, A. V.


1. Candidate Medical Sciences for Volkov. 2. Sovetskaya Gavan'.
KHOKHLOV, A. V.

Brain - Abscess

Rhinogenous abscess of the frontal lobes. Vest. oto-rin. 15, No. 1, 1953.

KROKHLOV, A.V.

Protective therapy of frontal sinuses. Vest. oto-rin. 15 no. 5:44-46 8-0 '53.
(MRSA 6:11)
(Frontal sinus)
Photomicrographic equipment and use of the "Zenit" camera in photomicrography. Izd.a. 4 no.3:51-53 My-Je '58 (NIRA 1:5)

1. Iz Ishevskogo meditsinskogo instituta. (PHOTOMICROGRAPHY)

Forty-six cases of cancer of the cervix uteri confirmed histologically were studied. The protoplasm of the cancer cells is characterized by a bright orange or red fluorescence. The fluorescence of the cytoplasm is often diffuse, more seldom it is in the form of red lumps around the nucleus. The polymorphous tumour cells fluorescence by a bright whitish or pale green light. The structure of the nucleus is distinct. Accumulations of cells without any cytoplasm (zymoplasta) may be revealed in
almost all of the smears. In phase-contrast microscopy of squamous-cell carcinoma (and especially in pre-cancerous conditions) the degree of the cellular maturation may be easily determined cytologically.

(X.5.16)
KHOKHLOV, A.V., prof.


1. Iz akushersko-ginekologicheskoy kliniki Ishawskogo meditsinskogo instituta.

(PHOTOGRAPHY, MEDICAL) (CAPILLARIES)
Combination in one microscope of a contrast and luminescent methods of investigation. Lab. delo 5 no. 6:45-48 N-D 1959.

1. Iz akushersko-ginekologicheskoy kliniki (saveduyushchiy - prof. A.V. Khokhlov) Izhevskogo meditsinskogo instituta.

(MICROSOFT)
KHOKHLOV, A. V., Cand Med Sci -- (diss) "Investigation of elements of the phonation mechanism by the method of endolaryngography." Leningrad, 1960. 18 pp; (Leningrad State Order of Lenin Inst for Advanced Training of Physicians im S. M. Kirov); 300 copies; price not given; (KL, 51-60, 122)
The sperm as a surface-active substance. Akush. i gin. 36
no.1:36-39 Ja-F '60.
(SPERMATOZOA) (SURFACE-ACTIVE AGENTS)
KHOKHLOV, A.V.; OPAL'VA, Ye.F.

Histochemical cytodiagnosis of cancer of the cervix uteri. Lab. delo 7 no.2:10-11 F '61. (MIRA 14:1)

   (UTERUS—CANCER)
KHOKHLOV, A.V.; DPALeva, Ye.P.

Fluorescence microscopy in the cytodiagnosis of cancer of the cervix uteri. Lab. deo 7 no.2:12 p '61. (MIRA 14:1)

   (FLUORESCENCE MICROSCOPY) (UTERUS—CANCER)
KHOKHLOV, A.V., prof.

New method for determination of blood coagulation time. Probl. gemat. i perel. krovi 5 no., 58-59 Mr '60. (MIRA 14:5)

1. Iz akusherko-ginekologioheaskoy kliniki (zav. - prof. A.V. Khokhlov) Izhevskogo meditsinskogo instituta.
(BLOOD—COAGULATION)
KHOKHLOV, A.V. (Leningrad)

Endolaryngography is a method for the objective registration of the movements of the vocal chords by means of photoelements. Vert. Actorin. 22 no.174-76 Ja-F '60. (MIRA 1415) (OTOLARYNGOLOGY—EQUIPMENT AND SUPPLIES)
KHOKHOLOV, A.V.

Improved method of microphotography. Lab. delo 7 no. 9: 53-55 8 '61.
(MIRA 14:10)

1. Akushersko-ginekologicheskaya klinika (zav. - prof. A.V. Khokhlov)
Ishevskogo meditsinskogo instituta.
(PHOTOMICROGRAPHY)
Abdominal auscultation as a method of clinical diagnosis in obstetrics and gynecology. Akush. i gin. no. 4, 50-53 '61.

1. Iz akusherko-ginekologicheskoy kliniki (sav. — prof. A.V. Khokhlov) Izhevskogo meditsinskogo instituta.

(AUSCULTATION) (OBSTETRICS) (GYNECOLOGY)
KHOKHLOV, A. V., prof.; GAZIZOVA, N. N., klinicheskiy ordinator

Histochemical cytologic diagnosis of cancer of the cervix uteri.
Akush. i gin. 38 no.3:58-60 My-Je '62. (MIRA 15:6)

1. Iss akushersko-ginekologicheskoy kliniki (zav. - prof. A. V.
Khokhlov) Izhevskogo meditsinskogo instituta.

(UTERUS—CANCER)
(DIAGNOSIS, CYTOLOGIC)
KHOKHLOV, A.V., prof.

Reactivity of lymph nodes in cancer of the cervix uteri. Akush.
1 gin. 39 no. 4#38-41 Jl-Ag'63 (MIRA 1612)

1. Ia akushersko-ginekologicheskoy kliniki (sav. - prof. A.V.
Khokhlov) Izhevskogo meditsinskogo instituta.
THE ERROR FOR MEASUREMENT OF FIELD STRENGTH COMPONENTS IS 1-2% AND THE ERROR FOR FIELD POTENTIAL MEASUREMENT IS 2-5%. 8 ILLUSTRATIONS, BIBLIOGRAPHY OF 11 TITLES.

FROM THE SUMMARY. [TRANSLATION OF ABSTRACT]
AUTHOR: Khokhlov, A. V.; Pavlyuchuk, V. A.; Pronin, V. P.

TITLE: Some methods for setting up boundary conditions of the first kind in simulating fields on induced current devices

SOURCE: Ref. Zh. Elektrotekhnika i energetika, Abs. 12A63


TOPIC TAGS: induced current, electric analog, Laplace equation, electric field, electric potential

ABSTRACT: The authors consider the principles involved in construction of units for setting up boundary conditions of the first kind when using the induced current method for simulation of Laplace field intensity. The boundary conditions are set by a summing amplifier. The problem of calculating the summing networks is considered in detail and a method is discussed for experimentally determining the boundary conditions without calculating the resistances in the ladder network. The use of a summing device with a differential input is proposed for setting up boundary distributions with potentials of different signs. 5 illustrations, bibliography of 1 title. From the summary. [Translation of abstract]

SUB CODE: 09

CARD 1/1 VMB

UDC: 537.212; 621.3.001.57

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AUTHOR: Khokhlov, A. V.

TITLE: Use of synchronous detection in simulation of fields on installations with a vibrating charged probe

SOURCE: Ref. Zh. Elektrotekhnika i energetika, Abs. 12A66


TOPIC TAGS: electronic simulation, electric field, electronic measurement

ABSTRACT: The author considers a method for vectorial measurement of a potential gradient based on unidimensional measurement of the amplitude and phase of the induced voltage. It is shown that two components of the potential gradient may be determined simultaneously by using the principle of synchronous detection. A model of a synchronous detector was built and tested to verify the theoretical assumptions. 6 illustrations, bibliography of 10 titles. From the summary. [Translation of abstract]

SUB CODE: 09

CARD 1/1 VMB

UDC: 537.212; 621.3.001.57
AUTHOR: Khokhlov, A. V.

TITLE: Summation of induced currents

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 12A64


TOPIC TAGS: induced current, electric analog, electronic simulation

ABSTRACT: The author describes a device for algebraic summation of currents induced by a moving probe with arbitrary scale factors from 0 to +1 where the sources of the quantities to be added are treated as current generators. The scale factors for the summation are independent and may easily be changed during operation. Different values are selected for all registers h to simplify calculation of the scale factors. 1 illustration, bibliography of 5 titles. From the summary. (Translation of abstract)

SUB CODE: 09

UDB: 537.212;621.3.001.57

APPROVED FOR RELEASE: 09/17/2001   CIA-RDP86-00513R000722130004-2
AUTHOR: Khokhlov, B.  

TITLE: Static Characteristics of Transistors (Staticheskiye karakteristiki poluprovodnikovykh triodov)  

PERIODICAL: Radio, 1958, Nr 6, pp 43-46 (USSR)  

ABSTRACT: The static characteristics of transistors are explained to radio amateurs. The author chose as an example transistor "P6G" of which he shows the characteristics in six graphs. Further, he compares standard vacuum tube circuits to transistor circuits. The article is a logical continuation of the articles by K. Shul'gin published in "Radio", 1957, Nr 11 and 1958, Nr 3. There are 4 diagrams and 4 graphs.  

Card 1/1 1. Transistors-Characteristics
A Pulse Photoflash Using Transistor Triodes (Impul'snaya fotovspyzhka na poluprovodnikovykh triodakh)

Radio, 1958, Nr 8, p 48 (USSR)

This flashgun has a generator consisting of two transistor triodes working as a push-pull voltage converter. After rectification, the current goes to charge the storage capacitor. The unit is powered by three torch batteries connected in parallel. Consumption at the beginning of charging is 4 A, falling to 50-100 mA when generation is cut off. A built-in neon lamp indicates when the flashgun is charged. Charging time is up to 10 seconds and a set of batteries will give 300 to 400 flashes. The generator, rectifier and batteries are built into one unit and the remaining components placed in the handle of the flashgun, whose reflector is made from an aluminum soup ladle. When correctly charged, the assembly emits a humming noise, increasing in pitch as
A Pulse Photoflash Using Transistor Triodes

charging nears completion. The gun may be fixed into the camera's accessory shoe and is linked by flex to the synchro-contact on the camera. There are 3 drawings, 1 table and 1 circuit diagram.

1. Photography--Equipment
2. Transistors--Applications
3. Electrical equipment--Performance

Card 2/2
AUTHORS: Khokhlov, B.; Khabarov, Yu.

TITLE: A Pocket Superheterodyne (Karmenny supergeterodin)

PERIODICAL: Radio, 1958, No. 9, pp 32-34 (USSR)

ABSTRACT: This miniature receiver is assembled in a case of organic glass 146 x 91 x 35 mm. Transistors are used throughout. The magnetic antenna is wound on ferrite rod and the set is powered by four cells taken from a flat disk battery, giving a total voltage of 6 v with current consumption at 6 ma. Maximum output is in the region of 160 mw and sensitivity 0.5-1 mv/m. The receiver picks up a great number of stations in the MW 250-550 m band. The mixer and separate heterodyne stages have inductance coupling. There are 3 stages of IF amplification whose working regime is determined by dividers in the base and resistors in the emitter circuits. The detector has a large loading resistance which brings its operation to the straight line portion of its characteristic curve, thus lessening distortion. The AF amplifier is a two-stage system, with transformer coupling to achieve the necessary step-up. The AF output stage consists of 4 transistor triodes, 2 with p-n-p and 2 with n-p-n conductivity. This gives
A Pocket Superheterodyne

A high input and low output impedance, permitting the output signal to be fed directly to the loudspeaker coil without the use of an output transformer. Constructional details, coil winding data etc are given. The sub-miniature loudspeaker is home-made from parts taken from other speakers. There are two diagrams, 1 table and 1 circuit diagram.

1. Radio receivers--Design
2. Transistors--Applications
3. Radio receivers--Performance
The Acoustic Set with Volume-Sounding
(Akusticheskiy Agregat s ob'yemnym zvuchaniyem)

Radio, 1959, Nr 1, p 41 (USSR)

The authors describe the design of a loudspeaker-cabinet
made of plywood and containing a set of 6 loudspeakers re-
producing the frequency range from 40 to 12,000 cycles.
There is one set of diagrams.
The change of capacitance of the p-n transition of a diode, which depends on the blocking voltage, permits the application of this diode as a tuning element. Figure 1 shows a circuit in which a diode is used as a tuning element. The authors investigated silicon diodes D808A-D813A which are well suitable for this purpose. The results of their investigations are shown in three graphs. High frequencies may cause certain resonance effects when using a diode, as a capacitor, in a circuit shown in Figure 1 and therefore the authors present another circuit, shown in Figure 4, where this effect has been eliminated. In case two or more circuits
The Electronic Tuning of a Radio Receiver

are to be tuned by diodes, the latter may be con-
trolled by one common potentiometer, as shown in
Figure 7. On short waves, a band spread may be
achieved using the circuit arrangement, shown in
Figure 8. When using diodes for tuning heterodynes,
it is very useful to limit the HF voltage amplitude
by means of a shunting diode, shown in Figure 6. There
are 5 circuit diagrams and 3 graphs.
Video amplifiers using transistors. Radio no.142-43 (MIRA 13:5)

(Transistor amplifiers)
KHOKHLOV, B.

Low frequency amplifier of high sensitivity. Radio no. 2:
27-29 P '60.

(Amplifiers (Electronics))
KHOKHLOV, B., insh.

Transistorized magnetic tape recorder. Radio no. 5146-50 My '62.

(Magnetic recorders and recording)
Transistorized magnetic tape recorder. Radio no. 6140-123 Je '62.

(Magnetic recorders and recording)
KHOKHLOV, B., inzh.

A transistorized audio generator. Radio no. 9149-50 S '62.
(MIRA 15'9)

(Oscillators, Transistor)
KHABAROV, Yu., inzh.; KHOKHLOV, B., inzh.

New circuit for automatic gain control. Radio no.4:45
Apr '63. (Radio) (MIRA 16:3)
KHOKHLOV, B., inzh.

Amplifiers for transistorized tape recorders. Radio no. 16; 38-40
0 '64. (NIRA 18:2)
SHEVCHENKO, A. (UB5CLX) (Chernovtsy); BASOV, V. (Moskva); FRILUTSKII, G. (Piatigorsk); ARKHIPOV, Ye. (Bugul'ma); VYSOCHIN, V. (Moskovskaya obl.); PRIKHUNOV, I. (Moskovskaya obl.); OBLASOV, G. (Kiyev); SMIRNOV, Yu. (UA4YB) (Kanash); KHOKHLOV, B. (Moskva); KHALDEYEV, A. (Przheval'sk); SKOBELEV, I. (Primorskiy kray); PROSKUROV, V. (Irkutsk); DOBRYNIN, Yu. (g.Ivanovo /obl./)

Exchange of experience. Radio no.10:22,26,29,32,37,40,44,46,58 0 '64. (MIRA 18:2)
Исследования процессов фрезерования зубьев деталей малого размера. Нынешние засеявшие в авиаприборостроении. М., 1954. 12 с. 20 см. (Моск. ордена Ленина авиат. ин-т им. Серго Орджоникидзе). 100 экз. Б. Т. - (54-55773)
YEMELIN, Konstantin Ivanovich, inzhener. KHOKHLOV, B.A., laureat Stalinskoy premii, inzhener, redaktor. TOPIL', A.N., tekhnicheskiy redaktor.


Survey of scientific and technical dissertations defended at USSR higher educational institutions (12)

80: SUM No. 556, 24 Jun 55

2. Proektnaya kontora "Prometal'konstruktziya" Glavstal'-konstruktsii Minmetallurgkhimstroya SSSR (for Kopp, Schipakin).
3. Glavnyy inshener Glavnogo upravleniya po proizvodstvo i montazhu stal'nykh konstruktsiy (for Khokhlov)
   (Building, Iron and steel)
Steel structural components used in building heavy industry enterprises. Stroiprom. 35 no.11:8-13 N '57. (MIRA 10:12) (Building, Iron and Steel)


PURPOSE: The album is intended for tool designers and process engineers. The album may also be used as a textbook by students in vtuizes and machine-tool tekhnikums in connection with projects and work leading to a diploma.

COVERAGE: This album is intended to facilitate the work of creating better machine-tool fixtures. There are 180 drawings of the more common and characteristic fixtures from some twenty instrument-making plants. There are brief explanations.
for each drawing setting forth the principle of the operation, the advantages and shortcomings of the fixture, and the field of its application. There are drawings showing the sequence of operations on machined parts. Schematic drawings of the elements for installation and clamping are provided with symbols especially developed by the authors. For a more convenient use of the album, the drawings of machine-tool fixtures are divided into three groups:

1. fixtures for drilling machines (jigs), marked by the letter "K" placed before the fixture's number;
2. fixtures for milling machines, marked by the letter "F";
3. fixtures for lathes and cylindrical grinding machines, marked by the letter "T". No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Preface 3
Symbols for Adjusting and Clamping Elements 4

K. FIXTURES FOR DRILLING MACHINES (JIGS) 8 - 17
K - 01. Jigs With Swing Cover and Hinge Bolt 8 - 17