ANISIMOV, V.

ZAVALISHIN, A.: HANEYEV, S.: VOINOV, Yu.; FEDOROV, S.; KLYKOV, N.; TIMUSHEV, A. ANISIMOV, V.; KOL'CHUGIN, M.P., redaktor; PULIN, L.I., tekhnicheskiy redaktor.

[Chairman of collective farms speak about their experiences] Predsedateli kolkhozov o svoem opyte [Tula] Tul'skoe knizhnoe izd-vo, 1956. 79 p. [Microfilm] (MLRA 10:5)

(Collective farms)

GOLOKOLENKO, I., polkovnik; MANT, M., podpolkovnik; FEDOSEYEV, I., polkovnik; ANISIMOV, V., polkovnik; YUDIN, I., mayor; SHMAGUN, V., mayor; MATROSOV, V., kapitan; NEVREV, I., mayor; ANDRIANOV, V., mayor

Communism will become a reality. Voen.vest. 41 no.12:8-18 D '61. (MIRA 15:3)

(Communist Party of the Soviet Union--Congresses)
(Russia--Armed forces--Political activity)

ANISIMOV, V.A., inzh.

Capron replacing nonferrous metals in peat machines. Torf. prom. 38 no. 3:28 '61. (MIRA 14:4)

1. Yuzhno-Alferovskoye torfopredpriyatiye Mosoblsovnarkhoza.
(Peat machinery) (Nylon)

SHIKHOV, V.N.; ANISIMOV, V.A.; Prinimali uchastiye: MAKURIN, P.I.; NIKULINA, L.P.; TKACHEV, V.V.; NEMTSEV, I.I.; MIKHEYEVA, G.P.; GUSEV, V.P.; TARASOV, A.I.

Measures for the control of static electricity in rubber cement coaters. Kauch. i rez. 24 no.11:42-45 '65. (MIRA 19:1)

1. Ural'skiy politekhnicheskiy institut, Sverdlovsk, i Sverdlovskiy zavod rezinovykh tekhnicheskikh izdeliy.

ANISIMOV, V. A.

ANISIMOV, V. A. "Water-overflow Gates and Their Capacity." Min Agriculture USSR. VASKHNIL. All-Union Sci Res Inst of Hydraulic Engineering and Soil Improvement. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya letopis', No. 10, 1956.

124-57-1-548D

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 68 (USSR)

AUTHOR: Anisimov, V.A.

TITLE: Weir-type Water Gates and Their Suitability as Measuring Devices (Zatvory vodoslivnogo tipa i ikh vodomernost')

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Vses. n.-i. in-t gidrotekhn. i melior. (All-Union Scientific Research Institute for Hydraulic Engineering and Reclamation), Moscow, 1956

ASSOCIATION: Vses. n.-i. in-t gidrotekhn. i melior. (All-Union Scientific Research Institute for Hydraulic Engineering and Reclamation), Moscow

1. Water gates--Operation

Card 1/1

124-58-9-10216

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 115 (USSR)

AUTHOR: Anisimov, V. A.

TITLE: On the Measurement of the Discharge of Submerged Sharp crested Weirs (K voprosu izmereniya raskhoda zatoplennymi vodosl'ivami s tonkoy stenkoy)

PERIODICAL: Tr. Vses. n.-i. in-ta gidrotekhn. i melior., 1957, Vol 29, pp 111-116

ABSTRACT: A formula is recommended for the determination of the discharge of a submerged sharp-crested weir without lateral constriction. The proposed formulas are predicated on the measurement of the thickness of the stream flowing over the weir crest instead of the measurement of the degree of submersion on the tailwater side and the height of the weir.

T. N. Astaficheva

1. Dams--USSR

Card 1/1

SOV/99-59-4-5/10

AUTHOR: Anisimov, V.A., Candidate of Technical Sciences, and Kazatsker, A.A., Engineer

TITLE: On the Problem of Supplying Electric Power for the Automation of Melioration Systems (K voprosu energeticheskogo obespecheniya avtomatizatsii meliorativnykh sistem)

PERIODICAL: Gidrotekhnika i melioratsiya, 1959, pp 32-36 (USSR)

ABSTRACT: The authors analyze the possibility of rendering Soviet irrigation systems fully automatic and reject it as being too expensive. For example, the project concerning full automation of the Nizhne-Donskoy magistral'nyy kanal (Lower Don Main Canal) calls for construction of a special 6-kv line along with several step-down transformer stations. This alone brings about a 50% rise in the costs of construction of the automation equipment. Therefore, the idea of controlling the irrigation systems

Card 1/3

On the Problem of Supplying Electric Power for the Automation of Melioration Systems

mechanically and telemechanically seems more economical since a water gate needs only a maximum of 0.76 kw/hr per irrigation season, i.e., the power to open and close the water gate 200 times. The most appropriate source of power would be in this case an alcali cadmium-nickel storage battery of the 10 NKN-100-type which is 884 x 173 x 388 mm. Its volume amounts to 100 ampere-hrs having a total reserve of electric power of 1.25 kw/hr. One such battery costs only 1,440 rubles according to the 1955 price index. The costs for installing such a battery into a water lock will not exceed 3-4,000 rubles as compared with 30-35,000 rubles to be spent on electric equipment of a single water lock of the Lower Don Main Canal project, not to speak of the additional personnel for maintenance and repair. An-

On the Problem of Supplying Electric Power for the Automation of Melioration Systems

other example for an estimate of low-cost telemechanic control is the Kul'-Arykskaya irrigation system (irrigation area - 22,000 hectares) which would require only 80-100 storage batteries of the 10 NKN-100-type.

ASSOCIATIONS: VASKhNIL, (Anisimov), VNIIGiM (Kozatsker)

Card 3/3

ANISIMOV, V.A., kand.tekhn.nauk; ZYULIKOV, G.M., inzh.; TALANTSEV, M.N., red.; ANTONOVA, N.M., khud.-tekhn.red.

[Designing and planning closed irrigation systems] Proektirovanie i raschet zakrytykh orositel'nykh sistem. Moskva, Izd-vo M-va sel'.khoz.SSSR, 1960. 202 p. (MIRA 14:4)
(Irrigation)

ANISIMOV, V.A., kand. tekhn. nauk; RUSINOV, I.F., kand. tekhn. nauk; RODIN, Ya.S., red. izd-va.

[Brief summary of the work research institutes in hydraulic engineering and soil improvement during 1960] Kratkii itog rabot nauchno-issledovatel'skikh institutov po gidrotekhnike i melioratsii za 1960 god. Moskva, 1961. 97 p. (MIRA 15:4)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina. Otdeleniye gidrotekhniki i melioratsii. 2. Nauchnyye sekretari Otdeleniya gidrotekhniki i melioratsii Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Anisimov, Rusinov).

(Agricultural research)

MIKHAYLOV, V.A.; CHIZHOV, V.V.; ANISIMOV, V.A.; YERMILOV, P.I.; CHUPEYEV, M.A.

Intensification of the grinding of pigments in binders.
Lakokras . mat. i ikh prim. no.5:64-65 '63. (MIRA 16:11)

ZYULIKOV, Grigoriy Maksimovich, kand. tekhn. nauk; ANISIMOV, Vladimir Alekseyevich, kand. tekhn. nauk;

[Designing and constructing subsurface irrigation systems with mechanized irrigation] Proektirovanie i stroitel'stvo zakrytykh orositel'nykh sistem s mekhanizatsiei poliva. Moskva, Stroiizdat, 1964. 99 p. (MIRA 17:6)

ANISIMOV, V.F.; PALAMARCHUK, A.K.

Comparative evaluation of drains made of rubber and polyvinyl alcohol. Eksper. khir. i anest. 8 no.4:19-20 Jl-Ag '63.
(MIRA 17:5)

ANTSIMOV, V.

USSR/Radio - Television Dec 51
Long-Distance Reception

"Moscow Television Transmissions Are Received in Vladimir," V. Antsimov

"Radio" No 12, pp 46, 47

In Aug 1950, expts in the reception of Moscow Television Center at Vladimir were renewed with the participation of the Chair of Television, Moscow Elec Eng Inst of Communications. A KVN-49 receiver was modified (i-f pass band was compressed to 3 Mc, addnl synchronization stage was added, etc.) for

208T97

USSR/Radio - Television (Contd) Dec 51

the expts. A good picture was obtained in Apr 51 but signal level still fluctuated. Describes effects of weather conditions on reception.

208T97

USSR/Electronics - Television Jun 52
Long-Distance Reception

"Selection of the Antenna and Input Unit of a Television Receiver for 'Long-Distance' Reception," V. Anisimov

"Radio" No 6, p 45

Recommends a multistory wide-band antenna having 6-8 fold voltage amplification and a narrow radiation pattern in the vertical and horizontal planes. An adapter consisting of an rf amplifier using a

236T30

ANISIMOV, V.

grounded-cathode circuit gives the greatest power voltage and gain. Should not use too many rf amplification stages; instead, the necessary amplification should be obtained by adding 1-2 stages in the i-f amplifier.

236T30

ANISIMOV, V.

Thumb-size radio tubes. Radio no.7:48-49 Jl '53. (MLRA 6:7)
(Vacuum tubes)

ANISIMOV, V.

USSR/Electronics - Tubes

Card 1/1

Author : Anisimov, V.

Title : Miniature tubes

Periodical : Radio, 3, 54 - 56, Mar, 1954

Abstract : The vacuum tube industry has put a series of miniature tubes on the market. Their construction, application and characteristic diagrams are presented together with a table of specifications.

Institution : .....

Submitted : .....

Translation D 38951

ANISIMOV, V.

USSR/ Electronics - Antenna amplifier

Card : 1/1

Authors : Anisimov, V.

Title : An antenna amplifier with miniature tubes

Periodical : Radio, No. 4, 33 - 34, April 1954

Abstract : A special three-stage amplifier, assembled with miniature tubes, is described. The antenna amplifier stages, the power supply sources, the coil windings and the other component parts are described in detail, and a general circuit diagram of the unit is given.

Institution : ....

Submitted : ....

ANISIMOV, Vladimir Fedorovich; GRIGOR'YEVA, A.I., redaktor; KARYAKINA, M.S., tekhnicheskiy redaktor

[Remote television reception] Dal'nii priem televideniia. Moskva, Izd-vo DOSAAF, 1956. 95 p. (MIRA 10:1)
(Television--Receivers and reception)

ANISIMOV, V

AID P - 4925

Subject : USSR/Electronics

Card 1/1 Pub. 89 - 9/17

Author : Anisimov, V.

Title : New kinescopes

Periodical : Radio, 7, 38-39, Jl 1956

Abstract : The author describes the new types of kinescopes of Soviet construction with screens of 35, 43, and 53 cm on the diagonal. The various types of kinescopes are presented in tabular form with specifications for each type. Four tables, 4 drawings.

Institution : None

Submitted : No date

ANISIMOV, V.

Television receiving antennas. V pom. radioliub. no.4:16-35 '57.
(Television--Antennas) (MIRA 11:2)

KUSHNIR, Yu.M.; FETISOV, D.V.; RASPLETIN, K.K.; POCHTAREV, B.I.; SPEKTOR, F.U.; KABANOV, A.N.; ANISIMOV, V.F.

Scanning electron microscope, an X-ray microanalyzer. Izv.AN SSSR. Ser.fiz. 25 no.6:695-700 Je '61. (MIRA 14:6)
(X-ray microscope)

AGAPOV, Ye.S.; ANISIMOV, V.F.; NIKONOV, V.B.; PROKOF'YEVA, V.V.; SINENOK, S.M.

Experimental application of television technique for observations of stars. Izv. Krym. astrofiz. obser. 30:3-18 '63.
(MIRA 17:1)

AGAPOV, E. S.; ANISIMOV, V. F.; MOZHERIN, V. N.; MLONOV, V. B.; PROKOFYEVA, V. V.; PERFAMEV, V. I.

"The TV observations of faint satellites."

report submitted for 15th Intl Astronautical Cong, Warsaw, 7-12 Sep 64.

L 64123-65 EEC-2/EED-2/EEC(k)-2/EWA(d)/EWT(l)/FBD/FS(v)-3/T-2/EWA(d)/EEC(a)-2/

ACCESSION NR: AP5021256 IJP-2 GW/WR UR/0293/65/003/004/0630/0635
621.397.13:629.19

AUTHOR: Agapov, Ye. S.; Anisimov, V. F.; Nozhzherin, V. M.; Nikonov, V. B.; Prokof'yeva, V. V.; Pergament, V. I.; Sinenok, S. M.

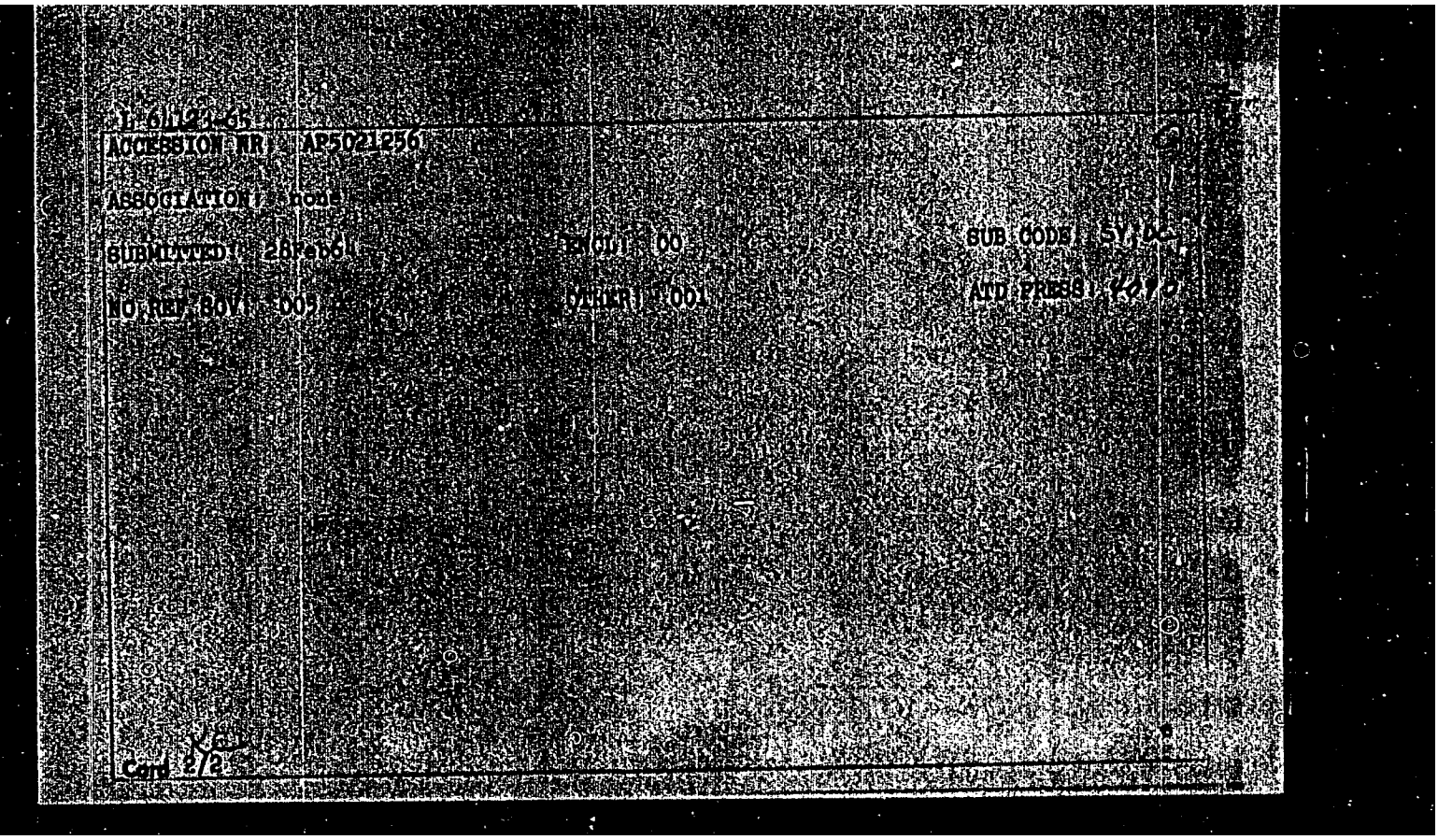
TITLE: Observations of artificial earth satellites by television

SOURCE: Kosmicheskiye issledovaniya, v. 3, no. 4, 1965, 630-635

TOPIC TAGS: satellite observation, earth satellite, television observation, optical satellite observation, Gelios 53 lens

ABSTRACT: The results are given of observations of artificial earth satellites made with a highly sensitive television system employing a Gelios-53 lens (D = 80 mm; F = 200 mm) and mounted on an APSh-30 parallactic stand. The observations were made in accordance with computed ephemerides. All predicted satellite passages were detected visually and recorded photographically. These visual observations proved that the television system was capable of detecting and tracking satellites having a stellar magnitude of 8—9 with relative ease. Notwithstanding the short focal length, the satellite's position on the negative could be determined with an acceptable degree of accuracy. Orig. art. has: 8 figures. [DM]

Card 1/2



I 6/123-65
ACCESSION NR: AP5021256
ASSOCIATION: none
SUBMITTED: 28Feb64 ENCL: 00 SUB CODE: SV, DC
NO REF SOV: 005 OTHER: 001 ATD PRESS: 4210
Card 1/2

L 54009-65 EWT(1)/EWG(v) Pe-5/Pae-2 GW

ACCESSION NR: AP5012758 UR/0020/65/161/006/1299/1300

AUTHOR: Abramenko, A. N.; Agapov, Ye. G.; Anisimov, V. F.; Yefimov, Yu. S.; Nikonov, V. B.; Prokof'yeva, V. V.; Sinenok, S. M.

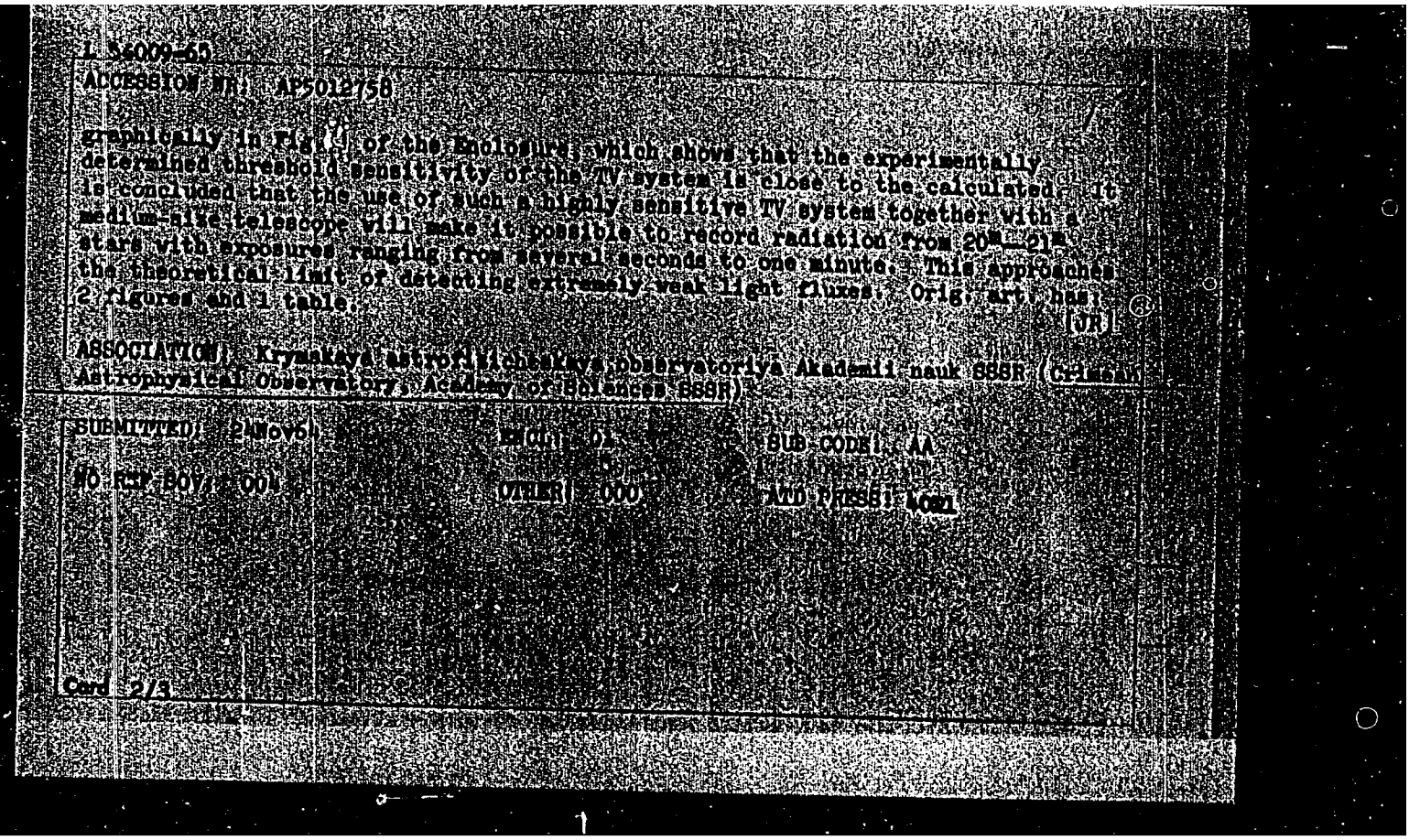
TITLE: Evaluation of the threshold sensitivity of a TV system through stellar observations

SOURCE: AN SSSR. Doklady, v. 161, no. 6, 1965, 1299-1300

TOPIC TAGS: light flux measurement, TV detection system, stellar observation, night sky radiation, MTM 500 telescope

ABSTRACT: The threshold sensitivity of a TV observation system with a high quantum output, minimum noise level, and high contrast sensitivity has been experimentally determined from stellar observations carried out at the Crimean Astrophysical Observatory with the MTM-500 (D = 500 mm, F = 65 m) telescope. The highly sensitive TV system was developed for observing distant stars by measuring extremely weak light fluxes against a background of the night sky radiation. About 20 TV photographs of the M3 cluster were made under conditions of continuous data readout and storage on an image orthicon target. The results are presented

Card 1/3



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ACCESSION NR: AP5012758

graphically in Fig. 1 of the Enclosure, which shows that the experimentally determined threshold sensitivity of the TV system is close to the calculated. It is concluded that the use of such a highly sensitive TV system together with a medium-size telescope will make it possible to record radiation from 20^m—21^m stars with exposures ranging from several seconds to one minute. This approaches the theoretical limit of detecting extremely weak light fluxes. Orig. art. has: 2 figures and 1 table. [JR]

ASSOCIATION: Krymskaya astrofizicheskaya observatoriya Akademii nauk SSSR (Crimean Astrophysical Observatory, Academy of Sciences SSSR)

SUBMITTED: 24Nov64 ENCL: 01 SUB CODE: AA

NO REF SOV: 004 OTHER: 000 ATD PRESS: 4061

Card 2/3

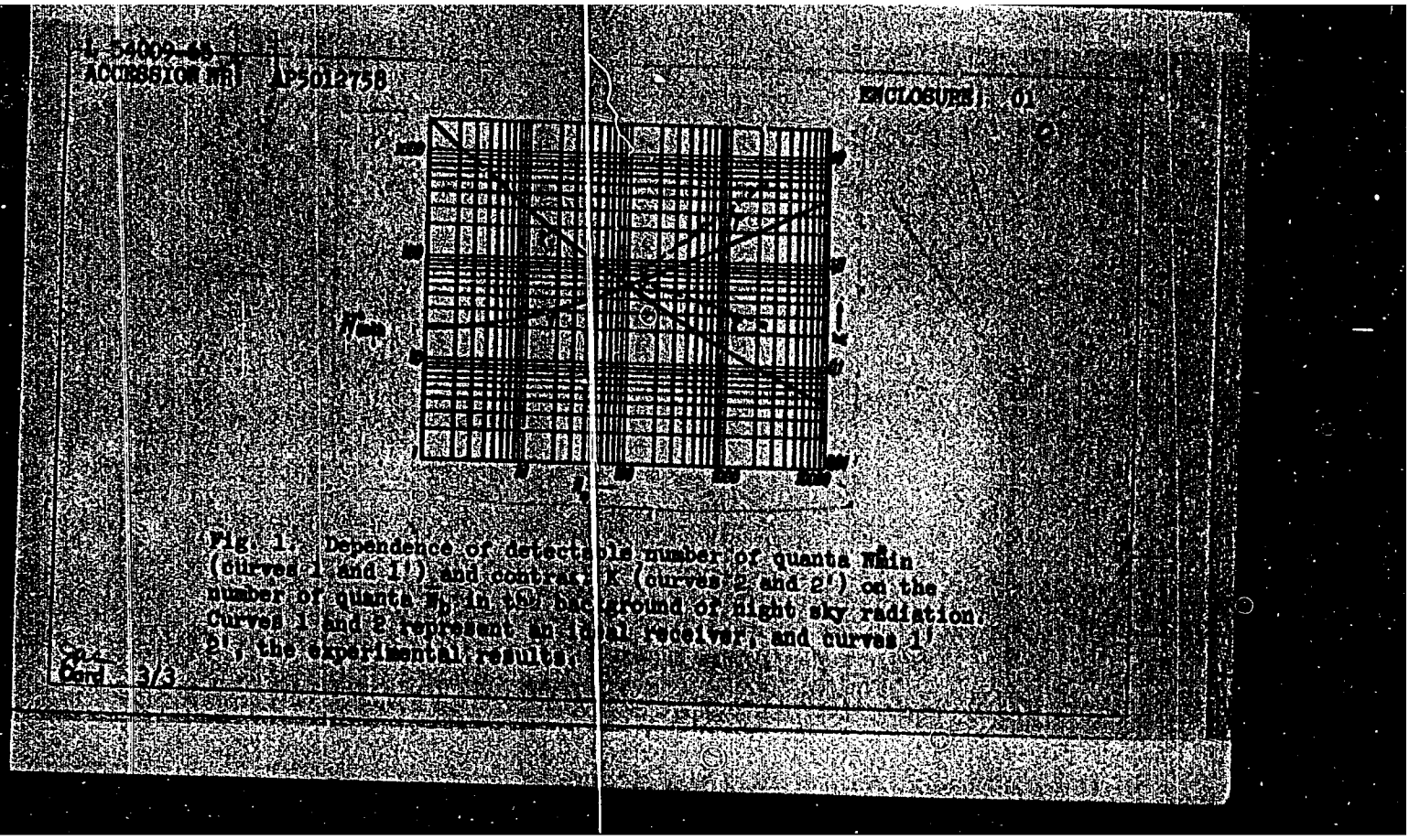


Fig. 1. Dependence of detectable number of quanta $\bar{n}_{min}$ (curves 1 and 1') and contrast K (curves 2 and 2') on the number of quanta $\bar{n}_b$ in the background of night sky radiation. Curves 1 and 2 represent an ideal receiver, and curves 1' and 2', the experimental results.

Card 3/3

ANISIMOV, V. I.

Chemical Abstracts
Vol. 48 No. 5
Mar. 10, 1954
General and Physical Chemistry

Dependence of the index of refraction of a binary liquid system on the specific gravities and concentrations of its components. V. I. Anisimov. *Zhur. Fiz. Khim.* 27, 674-88(1953); cf. Hubbard, *Z. Phys. Chem.* 74, 207(1910).—The refractive index (n) of a binary liquid system can be calcd. by means of the equation $n - 1 =$

$$d\left[\frac{n_1 - n_2}{d_1 - d_2} + \frac{(n_2 - 1)d_1 - (n_1 - 1)d_2}{d_1 - d_2} \Big/ \frac{}{d_2 + x(d_1 - d_2)}\right][1 + Cx(1 - x)],$$

where d, d_1, and d_2 are d. of the system and of each component, resp.; n_1 and n_2 are the refractive indexes of the components; C is a const. for any given temp. and wave length; and x is the vol. fraction of component 1 in the system. The value of C is found by trial. Tables of n are given for the following 20 binary systems: H_2O-MeOH, H_2O-EtOH, H_2O-PrOH, H_2O-iso-PrOH, H_2O-dioxane, H_2O-$CHCl_2$-COOH, H_2O-H_2SO_4, EtOH-MeOH, PrOH-MeOH, EtOH-iso-BuOH, benzene-Me_2CO, turpentine-benzene, benzene-tetrahydronaphthalene, benzene-*l*-2-octanol, benzene-CCl_4, $CHCl_3$-Me_2CO, Et_2O-turpentine, EtOH-nicotine, toluene-*m*-toluidine, and Me_2CO-iso-PrOH. Calcd. values of n agree with observed values within 3×10^{-4}.

T. W. Lawrence

ANISIMOV, V. I.

(1) 2

Index of refraction of binary liquid systems. V. I. Anisimov. *Zhur. Fiz. Khim.* 27, 1707–1807(1953); cf. *C.A.* 48, 2450*f*.—The n_D and ds. were measured (for concns. of either component between 0 and 100%) of the following binary systems: H_2O with Me_2CO, PrOH, and AcOH; benzene with $PhNMe_2$, anisole, AcOH, "1-β-octyl" acetate, *m*-toluidine, aniline, and PhCN; BuOH with iso-BuOH, PrOH, and iso-PrOH; cyclohexane with Tetralin and Decalin; *m*-nitrotoluene with toluene; EtOH with CS_2 and aniline; AcOEt with EtI; hexane with *m*-toluidine; and 1,2-dibromoethane with PrOH. J. W. Loweberg, Jr.

66178

SOV/146-58-5-1/24

~~9(2,5)~~ 9.2540

AUTHOR: Anisimov, V.I., Candidate of Technical Sciences, Docent

TITLE: Calculation of Annular Phase-Sensitive Rectifier

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Priborostroyeniye, 1958, Nr 5, pp 3-10 (USSR)

ABSTRACT: In this article the author analyzes transitional systems and frequency characteristics of an annular phase-sensitive rectifier with two half periods. In this connection it was investigated to what degree the transitional and frequency characteristics of the rectifier is dependent on the amplitude of the voltage pulsation. Figure 1 shows an annular, phase-sensitive rectifier to which a filter condenser is added. The construction is based on the following factors: 1) The shift phase between the input voltage and the commutator voltage is equal to zero or 180°; 2) The valves have an ideal characteristic; 3) The resistance of the input signal, of the cummutator voltage and of the winding, and the inductivity of the transformer

Card 1/2

8(2) PHASE I BOOK EXPLOITATION SOV/1953

Anisimov, Vladimir Ivanovich, Aleksandr Aleksandrovich Vavilov, and Aleksandr Vasil'yevich Fateyev

Sbornik primerov i zadach po lineynoy teorii avtomaticheskogo regulirovaniya. (Collection of Examples and Problems on Linear Theory of Automatic Control) Moscow, Gosenergoizdat, 1959. 254 p. 10,000 copie printed.

Ed. (Title page): A.V. Fateyev, Doctor of Technical Sciences, Professor; Ed. (Inside book): V.G. Kepperman; Tech. Ed.: Ye.M. Soboleva

PURPOSE: This collection of examples and problems may be used by students of higher technical schools and by engineering and technical personnel engaged in the design and study of automatic control systems. This book is intended to help the reader to acquire experience in applying linear automatic control theory to the solution of practical problems. The book may be used by students taking the course in automatic control offered by the Leningradskiy elektrotekhnicheskiy institut (Leningrad Electrical Engineering Institute imeni V.I. Ul'yanov).

Card 1/4

Collection of Examples (Cont.) SOV/1953

Ch. II. Investigation of Stability of Automatic Control Systems 118
3. Investigation of stability of automatic control systems by means of the Hurwitz criterion 118
4. Investigation of stability of automatic control systems through determining stability regions by means of one and two parameters 122
5. Investigation of stability of automatic control systems by means of A.V. Mikhaylov's criterion 130
6. Investigation of stability of automatic control systems by means of the Nyquist criterion 136
a) Frequency characteristics of elements and systems of automatic control 136
b) Investigation of automatic control system stability by the method of attenuation-phase characteristics 171
c) Investigation of automatic control system stability by the method of logarithmic frequency characteristics 174

Ch. III. Investigation of Quality of Automatic Control Systems 179
7. Construction of a transient response curve for automatic control systems by means of direct solution of differential equations 179

Card 3/4

8(2), 9(6)
AUTHOR: Anisimov, V. I., Engineer

SOV/119-59-3-13/15

TITLE: The Inter-university Scientific Conference on Electrical Measuring Instruments and on the Technical Means of Automation (Mezhvuzovskaya nauchnaya konferentsiya po elektroizmeritel'nym priboram i tekhnicheskim sredstvam avtomatiki)

PERIODICAL: Priborostroyeniye, 1959, Nr 3, pp 30-31 (USSR)

ABSTRACT: This Conference was held at the Leningradskiy elektrotekhnicheskiy institut im. V. I. Ul'yanova (Lenina) (Leningrad Institute of Electrical Engineering imeni V. I. Ul'yanov (Lenin)) in November 1958. It was attended by more than 500 representatives of universities, scientific research institutes, of the OKB, the SKB (Special Design Office), of industries and other organizations. More than 30 lectures were delivered in the meetings of this Conference. In opening the conference N. P. Boroditskiy underlined the outstanding importance of automation and of measuring technique for the development of national economy. N. N. Shumilovskiy in his lecture reported on "The Trends in the Development of Methods of Radioactive Control of Production Data" and outlined the extensive

Card 1/5

possibilities of using radioactive methods in such control. Ye. G. Shramkov and S. A. Spektor reported on a new method of measuring heavy direct currents with the help of the nuclear magnetic resonance. M. A. Rozenblat investigated problems of the application of magnetic amplifiers in automation and in measuring technique. A. V. Fateyev reported on the present-day state on the prospects of automatic control technique. Ya. Z. Tsypkin investigated some peculiar features of and the prospects offered by automatic pulse systems. The lecture by N. G. Boldyrev dealt with problems of stability of discrete automatic systems. V. B. Ushakov discussed the main trends in the development of mathematical analog computers and of computers designed for industrial use. The report by V. S. Ryabyshkin deals with an electronic analog correlator for the calculation of correlation functions in the investigation of winds in the ionosphere. R. I. Yurgenson reported on the most important methods, which guarantee both an active and passive freedom from disturbances in

discrete selective systems. Ya. V. Novosel'tsev discussed problems of averaging, differentiation, and balancing of time-dependent functions which can be represented by electric signals. V. P. Skuridin investigated new computing devices with polarized relays. A. V. Fremke and Ye. M. Dushin reported on instrument transformers for automatic instruments with automatic recording. V. B. Ushakov and N. N. Kopay-Gora reported on a computer for the automatic centralized control of production specifications. M. M. Fetisov discussed fundamental problems of the theory of automatic measuring instruments with an inverse conversion for the measurement of non-electric quantities. Ye. I. Tenyakov dealt with problems of the construction of automatic d. c. potentiometers with high accuracy. D. I. Malov discussed a high-precision automatic d. c. bridge for digital computations. The participants in the Congress listed below discussed the following subjects (which, however, are not given by the exact wording of the titles): V. A. Ivantsov: The planning of measuring elements for

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101620020-9"

accurate automatic quotient-type meters in digital computations. R. R. Kharchenko: Methods of determining the dynamic errors of a magnetic oscilloscope by simulation. P. P. Ornatskiy: Problems in measuring electric quantities at extremely low frequencies by electrical indicating instruments of various systems. L. F. Kulikovskiy: Novel types of a. c. compensators. A. S. Rozenkrants: Automatic bridges and a. c. compensators suited for the control of the parameters of condensers in series production. L. I. Stolov: Some characteristics of midget induction motors which can be used in measuring technique and automation. D. A. Borodayev: Ultransonic pressure- and liquid level gages. Yu. A. Skripnik: The circuitry of a phase—sensitive commutation indicator for a. c. semi-equilibrium bridges. N. F. Suvid: The application of instruments with magnetic bridges, which permit a considerable simplification of the design of the apparatus and the circuitry used in the measurement of non-electric quantities. V. A. Ferents: Method of increasing the sensitivity of oxygen gas analyzers. P. V. Novitskiy:

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000101620020-9"

The Inter-university Scientific Conference on Electrical Measuring Instruments and on the Technical Means of Automation

SOV/119-59-3-13/15

Design of apparatus for measuring vibration quantities. V. V. Pasynkov: Main types of non-linear semiconductor resistors and possibilities of their application to circuitry in automation and measuring technique. G. N. Novopashennyy: Development of measuring amplifiers with semiconductor triodes. Ya. V. Novosel'tsev, N. A. Smirnov, Ye. Ye. Afanas'yev, Ye. P. Ugryumov: Precision semiconductor frequency meter operating according to the pulse-counting principle. P. G. Nikitin and A. Bezukladnikov: Methods of measuring the magnetic field strength by means of bismuth resistors and transducers operating on the Hall effect principle. A resolution was adopted by the closing plenary meeting of the Conference, which indicates ways of improving and coordinating scientific research work in the field of automation, electric measuring- and computing technique.

Card 5/5

ANISIMOV, V.I.; GOLUBEV, A.P.

Transistorized RC-coupled sine wave generator. Radiotekhnika 16 no.9:55-59 S '61. (MIRA 14:9)
(Oscillators, Transistor)

S/103/62/023/001/010/014
D201/D304

9,3240

AUTHOR: Anisimov, V.I. (Leningrad)

TITLE: Comparative analysis of frequency response of a d.c. amplifier type MDM (modulator-demodulator) for two modes of its operation

PERIODICAL: Avtomatika i telemekhanika, v. 23, no. 1, 1962, 98 - 105

B

TEXT: The author considers the frequency response of chopper-stabilized d.c. amplifiers type MDM as a function of two so-called a.c. section of the amplifier parameters. The a.c. section consists of the chopper (modulator), L.F. amplifier and demodulator (another chopper). It is shown that the frequency response of a d.c. chopper-stabilized amplifier changes noticeable when the modulator and the demodulator change over from the in-phase to the opposite phase operation. It is shown that, with the output filter included, the slope of the logarithmic amplitude-frequency response is - 40 db/decade for the opposite-phase operation of the modulator and demodulator and that the phase shift introduced at higher frequencies

Card 1/2

S/146/62/005/002/001/004
D201/D307

9.3240

AUTHOR: Anisimov, V.I.

TITLE: Frequency characteristics of d.c. chopper amplifiers

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priboros-troyeniye, v. 5, no. 2, 1962, 3 - 11

TEXT: By making a theoretical circuit analysis of a synchronous chopper-stabilized D.C. amplifier the author shows that even when the a.c. signal amplification channel has no noticable frequency distortions within a range near the chopper frequency, these characteristics substantially affect shape of the overall amplifier frequency response. The overall frequency response depends on the amplifier interstage coupling time-constants, which should be made much larger than the root of the product of input and of modified output time constants. If the above parameters are chosen as recommended, it becomes possible in practice to avoid their effect on the frequency response, and the latter becomes determined only by the parameters of the filter after the de-

Card 1/2

ANISIMOV, V.I.; GOLUBEV, A.P.

Using quadrature feedback for the stabilization of the amplification factor of semiconductor amplifiers with a fixed frequency. Priborostroenie no.4:8-10 Ap '63. (MIRA 16:4)

(Amplifiers (Electronics))

S/108/63/018/002/008/010
D413/D308

AUTHOR: Anisimov, V. I.

TITLE: Equivalent transistor circuits suitable for calculating the temperature instability of its working-point coordinates

PERIODICAL: Radiotekhnika, v. 18, no. 2, 1963, 61-65

TEXT: A large number of papers have been published on the calculation of temperature stabilization of transistor operating conditions in various circuits, but have only considered the variation of one or two parameters such as initial collector junction resistance r_k; several have indicated the further need to take into account the temperature variation in emitter-base voltage. The author sets up several alternative equivalent circuits taking into account all possible temperature variations of transistor parameters, together with an approximate form for the common case $r_k = \infty$, which considerably simplifies the analysis. As an example, he takes a generalized

Card 1/2

Card 2/2

S/108/63/018/003/007/008
D201/D308

AUTHOR: Anisimov, V. I.

TITLE: Directly coupled low frequency transistor amplifiers with d.c. feedback

PERIODICAL: Radiotekhnika, v. 18, no. 3, 1963, 65-71

TEXT: The author considers the theory of multi-stage, directly coupled transistor LF amplifiers with a heavy overall d.c. feedback. The design procedure of such three-stage amplifiers using p-n-p or two p-n-p and one n-p-n transistor is given. The procedure makes it possible to design amplifiers in which the operating point of every transistor is practically independent of ambient temperature. There are 4 figures.

SUBMITTED: March 28, 1962

Card 1/1

ACCESSION NR: AT4017562 S/3074/62/000/047/0195/0211

AUTHOR: Anisimov, V. I. (Candidate of Technical Sciences, Docent); Golubev, A. P. (Engineer)

TITLE: Temperature stabilization of output voltage of semiconductor sinusoidal RC oscillators

SOURCE: Leningrad. Elektrotekhnicheskiy institut. Izv., no. 47, 1962, 195-211

TOPIC TAGS: Rc oscillator, RC generator, sinusoidal generator, oscillator temperature stabiiization, thermistor stabilization, semiconductor RC oscillator, nonlinear feedback stabilization

ABSTRACT: The generator output is temperature-stabilized by means of a selective time-delay nonlinear negative-feedback RC network containing a thermistor. Different variants of such a feedback network are shown and their operation analyzed on the basis of the thermistor current-voltage characteristic. The stability of the output oscillator voltage is analyzed as a function of the changes in the amplifier gain, thermistor resistance, and positive-feedback loop of the oscillator. The instability of the generator output can be reduced to about 0.05 — 0.1% per 10C, but if the ambient is lower than + 50C the instability can be made

Card 1/2

ACCESSION NR: AT4017562

much smaller. The effect of the individual components of the network on the instability is also briefly discussed. The over-all output voltage instability of semiconductor RC generators designed in accordance with the conslusions of this investigation do not exceed ±20 for a total ambient temperature change from - 60 to + 60C. Orig. art. has: 6 figures and 29 formulas, and 1 table.

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut (Leningrad Electrotechnical Institute).

SUBMITTED: 00Jan61 DATE ACQ: 20Mar64 ENCL: 00

SUB CODE: GE NR REF SOV: 001 OTHER: 000

Card 2/2

ANISIMOV, Vladimir Ivanovich; KOCHNEV, Yu.G., red.

[Direct coupling of stages in low-frequency transistor amplifiers] Neposredstvennaia sviaz' kaskadov v tranzistornykh usiliteliakh nizkoi chastoty. Leningrad, 1964. 22 p. (MIRA 17:12)

ANISIMOV, Vladimir Ivanovich; GOLUBEV, Aleksandr Pavlovich; KOCHINEV, Yu.G., red.

[Transistorized modulators] Tranzistornye moduliatory. Moskva, Izd-vo "Energiia," 1964. 222 p. (MIRA 17:8)

L 38227-65 SSD/AFWL/ASD(a)-5/ESD(c)/ESD(dp)/ESD(ge)

ACCESSION NR: AP4048289 S/0146/64/007/005/0041/0046

AUTHOR: Anisimov, V. I.; Likhodiyevskiy, Yu. F.

TITLE: Differentiating circuits for AM signal envelopes

SOURCE: IVUZ, Priborostroyeniye, v. 7, no. 5, 1964, 41-46

TOPIC TAGS: differentiating circuit, AM signal, envelope differentiation

ABSTRACT: Based on E. V. Bohn's demodulator-modulator correction circuit (IRE Trans., Circuit Theory, v. CT-9, 1961, no. 3), two circuits are considered for differentiating the envelopes of AM signals in which the functions of both the modulator and demodulator are performed by the same switching element. One of the circuits is designed with a transistor, the other, with two semiconductor diodes. Both are reduced to a single equivalent circuit, and formulas proving its differentiating nature are developed. Orig. art. has: 5 figures and 16 formulas.

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut im. V. I. Lenina (Leningrad Electrotechnical Institute)

SUBMITTED: 16Nov63 ENCL: 00

SUB CODE: EC NO REF SOV: 000 OTHER: 002

Card 1/1

ANISIMOV, V.I.; GOLUBEV, A.P.

Equivalent circuits of a transistor operating in a weak signal chopping mode. Elektrosviaz' 18 no.8:44-51 Ag '64.
(MIRA 17:8)

ACCESSION NR: AP4042894 S/0108/64/019/007/0061/0068

AUTHOR: Anisimov, V. I.

TITLE: Generalized analysis of the instability of operation of transistors

SOURCE: Radiotekhnika, v. 19, no. 7, 1964, 61-68

TOPIC TAGS: transistor, transistor stability, transistor amplifier

ABSTRACT: For investigating the temperature instability of an amplifying transistor, the latter is represented by an autonomous quadripole whose parameters are determined by the effect of temperature on transistor characteristics. Matrix equations of such an equivalent quadripole are set up. Any real transistor circuit can be replaced with a combination of two autonomous quadripoles, one of which replaces the transistor in question and another, the rest of the bias circuit (which in the general case may include other transistors). Equations are set up that describe such a 2-quadripole equivalent circuit; these

Card 1/3

ACCESSION NR: AP4042894

formulas for voltage and current instability factors in terms of h parameters are developed:

Instability factor \ l	1	2
$Y_l = \frac{i_l}{e_h}\Big\vert_{I_h=0}$	$-\frac{1}{h'_{11}+z''_{11}+h'_{21}z''_{12}}$	$h'_{21}Y_1$
$S_{Il} = \frac{i_l}{I_h}\Big\vert_{e_h=0}$	$z''_{12}Y_1$	$-(h'_{11}+z''_{11})Y_1$
$S_{Ul} = \frac{u_l}{e_h}\Big\vert_{I_h=0}$	$-(z''_{11}+h'_{21}z''_{12})Y_1$	$-(z''_{21}+h'_{21}z''_{22})Y_1$
$R_l = \frac{u_l}{I_h}\Big\vert_{e_h=0}$	$h'_{11}z''_{12}Y_1$	$(\vert z''\vert+h'_{11}z''_{22})Y_1$

Card 2/3

ACCESSION NR: AP4042894

Use of the above formulas is illustrated by an example of the instability of transistor operation in a generalized bias circuit. Orig. art. has: 5 figures and 60 formulas.

ASSOCIATION: none

SUBMITTED: 10Dec62 ENCL: 00

SUB CODE: EC NO REF SOV: 004 OTHER: 000

Card 3/3

ACCESSION NR: AP4043717 S/0106/64/000/008/0044/0051

AUTHOR: Anisimov, V. I.; Golubev, A. P.

TITLE: Equivalent circuits of a transistor operating as a weak-signal chopper

SOURCE: Elektrosvyaz', no. 8, 1964, 44-51

TOPIC TAGS: transistor, transisterized switch, chopper transistor

ABSTRACT: The well-known formulas describing static equivalent circuits of a unipolar- and bipolar-controlled weak-signal chopper transistor are reviewed. Experimentally determined parameters which enter the above formulas, for P15, P103, and P106 Soviet-made transistors, are tabulated; the effects of temperature and the mode of operation on these parameters are explained. Because of diffusion-process inertia and p-n-junction capacitance, transient spikes appear on the output waveform and may distort the operation of a weak-signal chopper considerably. These spikes create an additional keying-frequency noise or shift

Card 1/2

ACCESSION NR: AP4043717

the zero level in d-c amplifiers. Simple equivalent circuits (Figs 7 and 8) are suggested to allow for the switching transients. Formulas are developed for determining the parameters of these circuits, and numerical values of the parameters for P15, P103, and P106 transistors are given. Orig. art. has: 8 figures, 20 formulas, and 2 tables.

ASSOCIATION: none

SUBMITTED: 30Mar64

ENCL: 00

SUB CODE: EC NO REF SOV: 001 OTHER: 005

Card 2/2

ANISIMOV, V.I.; LIKHODIYEVSKIY, Yu.F.

Circuits for the differentiation of the envelope of amplitude modulation signals. Izv.vys.ucheb.zav.;prib. 7 no.5:41-46 '64.

(MIRA 17:12)

1. Leningradskiy elektrotekhnicheskiy institut imeni V.I.Ul'yanova (Lenina). Rekomendovano kafedroy avtomatiki i telemekhaniki.

ANISIMOV, V.I.

Generalized analysis of the nonstable operation of transistors. Radiotekhnika 19 no.7:61-68 Jl '64. (MIRA 17:12)

ANISIMOV, V.I.

Operational instability of transistor amplifiers with direct d.c. feedback. Elektrosviaz' 19 no.5:30-35 My '65.
(MIRA 18:6)

L 8886-66 EWA(h)/EWT(1)

ACC NR: AP5028031

SOURCE CODE: UR/0119/65/000/011/015/0017

AUTHOR: Anisimov, V. I. (Candidate of technical sciences); Golubev, A. P. (Candidate of technical sciences)

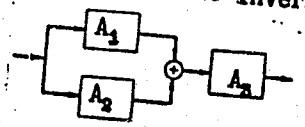
ORG: none

TITLE: Broadband transistorized operational d-c amplifier

SOURCE: Priborostroyeniye, no. 11, 1965, 15-17

TOPIC TAGS: dc amplifier, transistorized amplifier

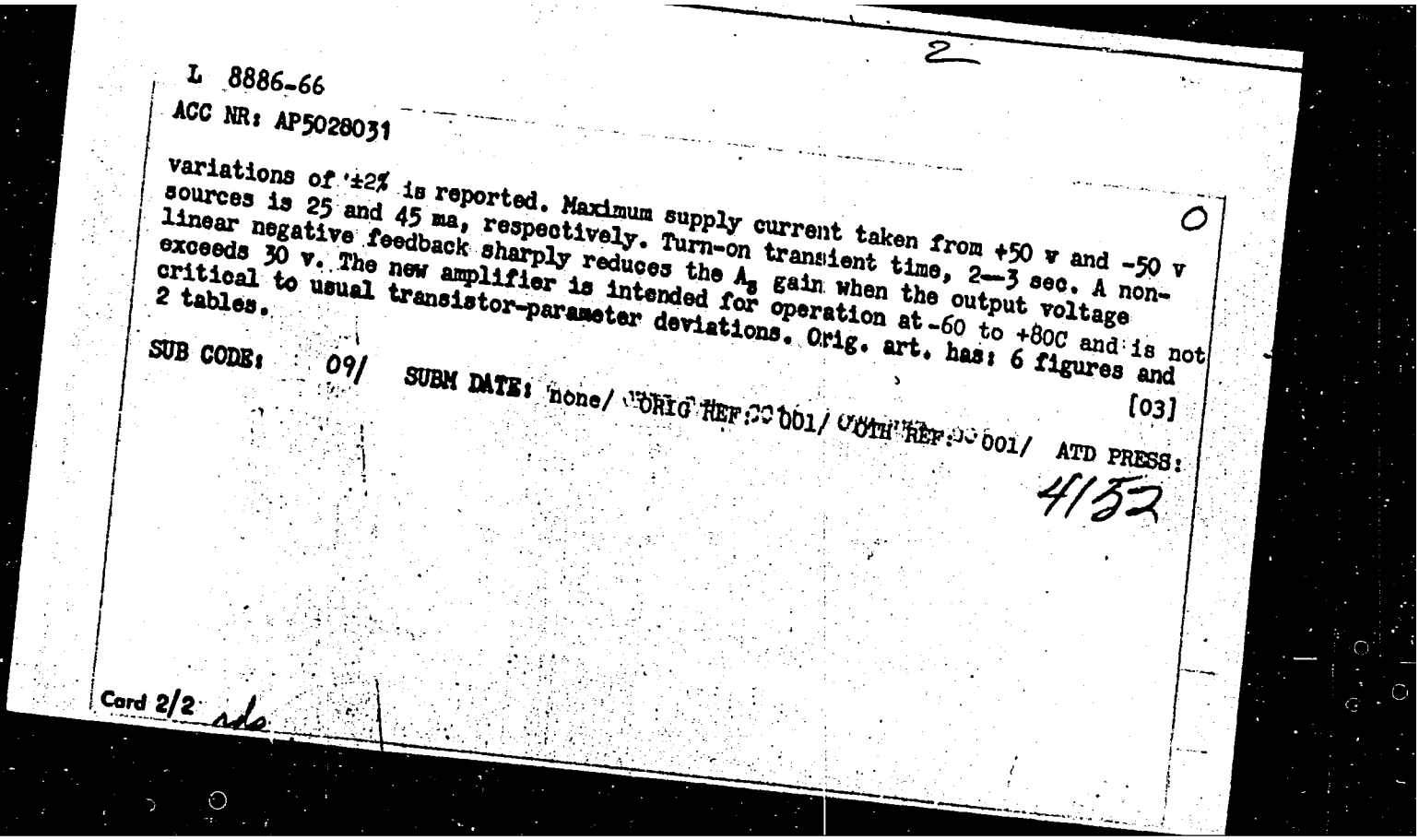
ABSTRACT: The development of a new transistorized low-drift high-accuracy operational d-c amplifier is reported. Intended for integration and scale inversion, the amplifier has this parallel-channel structure:



Here, A_1 is a h-f a-c amplifier; A_2 is a modem (chopper) d-c amplifier; A_3 is a broadband d-c amplifier with directly coupled stages. These characteristics are reported: At 20C, the voltage gain and the input resistance are 100,000 and 200 kohms for d.c. or 5000 and 75 kohms for 1000 cps, respectively. Stable operation with supply-voltage

Card 1/2

UDC: 621.375.024:621.382.3



L 8886-66

ACC NR: AP5028031

variations of ±2% is reported. Maximum supply current taken from +50 v and -50 v sources is 25 and 45 ma, respectively. Turn-on transient time, 2—3 sec. A non-linear negative feedback sharply reduces the A_s gain when the output voltage exceeds 30 v. The new amplifier is intended for operation at -60 to +80C and is not critical to usual transistor-parameter deviations. Orig. art. has: 6 figures and 2 tables.

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001/ ATD PRESS: 4132

[03]

Card 2/2 nda

ACC NR: AP5026967 SOURCE CODE: UR/0103/65/026/010/1832/1837

AUTHOR: Anisimov, V. I. (Leningrad), Golubev, A. P. (Leningrad)

ORG: None

TITLE: Selection of the optimum frequency response for transistorized operational amplifiers

SOURCE: Avtomatika i telemekhanika, v. 26, no. 10, 1965, 1832-1837

TOPIC TAGS: frequency characteristic, transistorized amplifier, mean square error

ABSTRACT: The authors consider the relationship between the standard error of an operational amplifier and the modulus of the frequency response for loop amplification W(jw), as well as the relationship between the critical frequency of this response and the transistor parameters. It is recommended that the average decay of W(jw) should be 30 db/decade in operational amplifiers with parallel amplification channels. A circuit is given for a transistorized operational amplifier which gives the optimum shape of frequency response characteristic for loop amplification. Orig. art. has: 6 figures and 8 formulas.

SUB CODE: 09 / SUBM DATE: 10Feb65 / ORIG REF: 003 / OTH REF: 002

jw

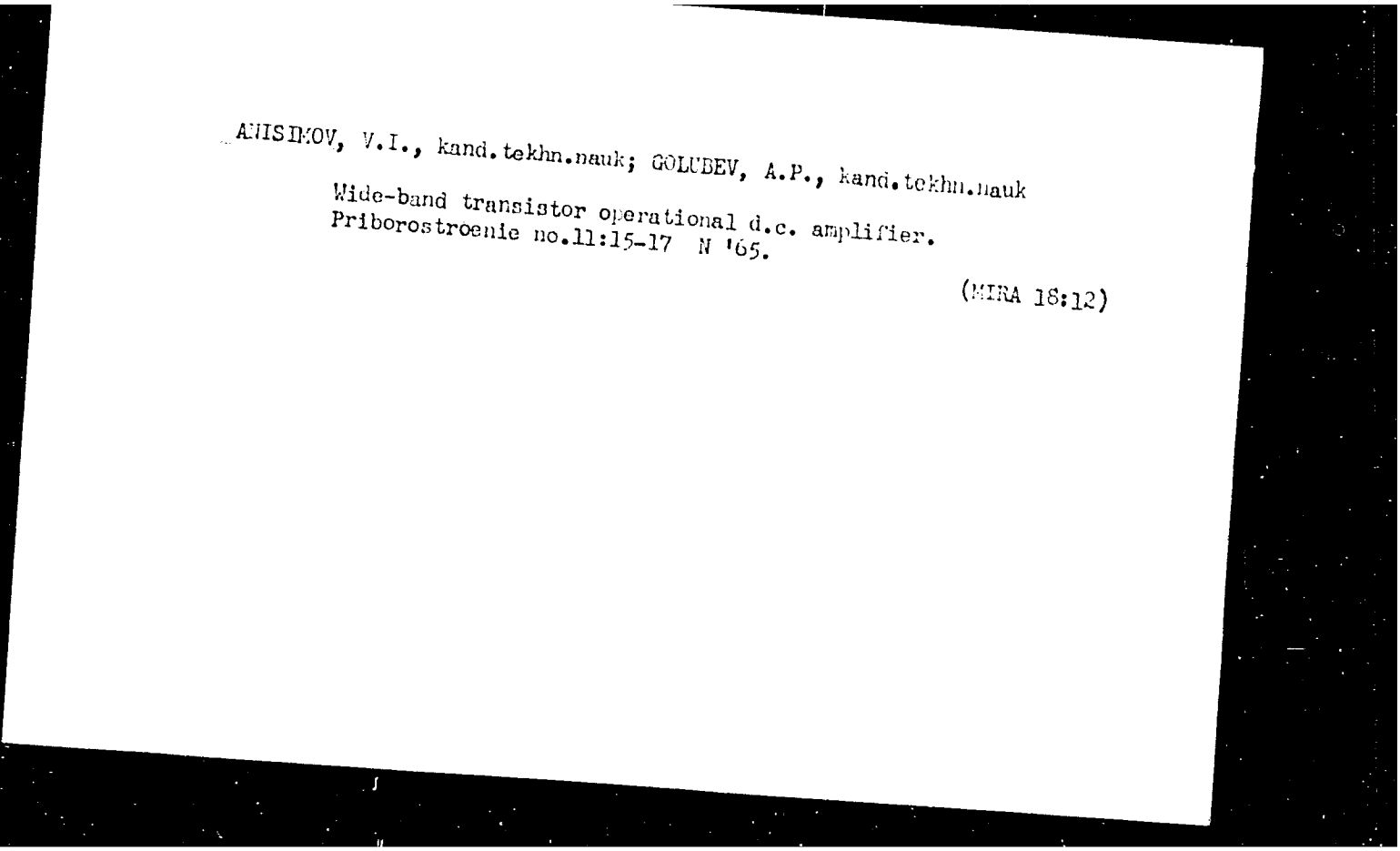
Card 1/1

UDC 621:375.147.3

ANISIMOV, V.I. (Leningrad)

Calculation of the nonstability (drift) of the zero level of a d.c. amplifier. Avtom. i telem. 26 no.5:876-881 My '65. (MIRA 18:12)

1. Submitted March 27, 1964.



ANISIMOV, V.I., kand.tekhn.nauk; GOLUBEV, A.P., kand.tekhn.nauk

Wide-band transistor operational d.c. amplifier.
Priborostroenie no.11:15-17 N '65.

(MIRA 18:12)

L 23091-66 EWA(h)/EWT(l)
ACC NR: AT5025638 SOURCE CODE: UR/2657/65/000/013/0199/0212

AUTHOR: Anisimov, V. I.; Golubev, A. P.

27
B+1

ORG: none

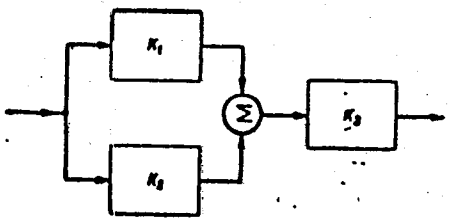
TITLE: Some problems in designing broadband transistorized operational amplifiers

SOURCE: Poluprovodnikovyye pribory i ikh primeneniye; sbornik statey, no. 13, 1965, 199-212

25

TOPIC TAGS: electronic amplifier, transistorized amplifier, operational amplifier

ABSTRACT: An optimal structure (see figure) of the operational amplifier consists of h-f a-c amplifier K_1, 1-f modulator-demodulator d-c amplifier K_2, and broadband direct-coupled d-c amplifier K_3. The zero-point drift is considered in a theoretical circuit consisting of a zero-drift amplifier and drift-emf and drift-current sources. Three circuits of transistorized modulators are analyzed as to their zero-point-drift,



2

Card 1/2

UDC: 621.375.147.3

L 23091-66
ACC NR: AT5025638

and formulas describing their drift voltages and currents are developed. Drift sources in direct-coupled d-c amplifiers mainly depend on the instability of parameters of the first stage; drift formulas are also developed. The amplifier passband, under h-f integrating conditions, is analyzed. To stabilize the operation of such an amplifier, correction means are recommended which bring the slope of its frequency-dependent $K_i = i_{out}/i_{in}$ characteristic within −20 db/dec. Orig. art. has: 8 figures and 26 formulas.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 003

Card 2/2

L 20339-66 EWT(l)/EWA(h)
ACCESSION NR: AP5013843

UR/0103/65/026/005/0876/0881
621.375.024.016.35.001.24

AUTHOR: Anisimov, V. I. (Leningrad)

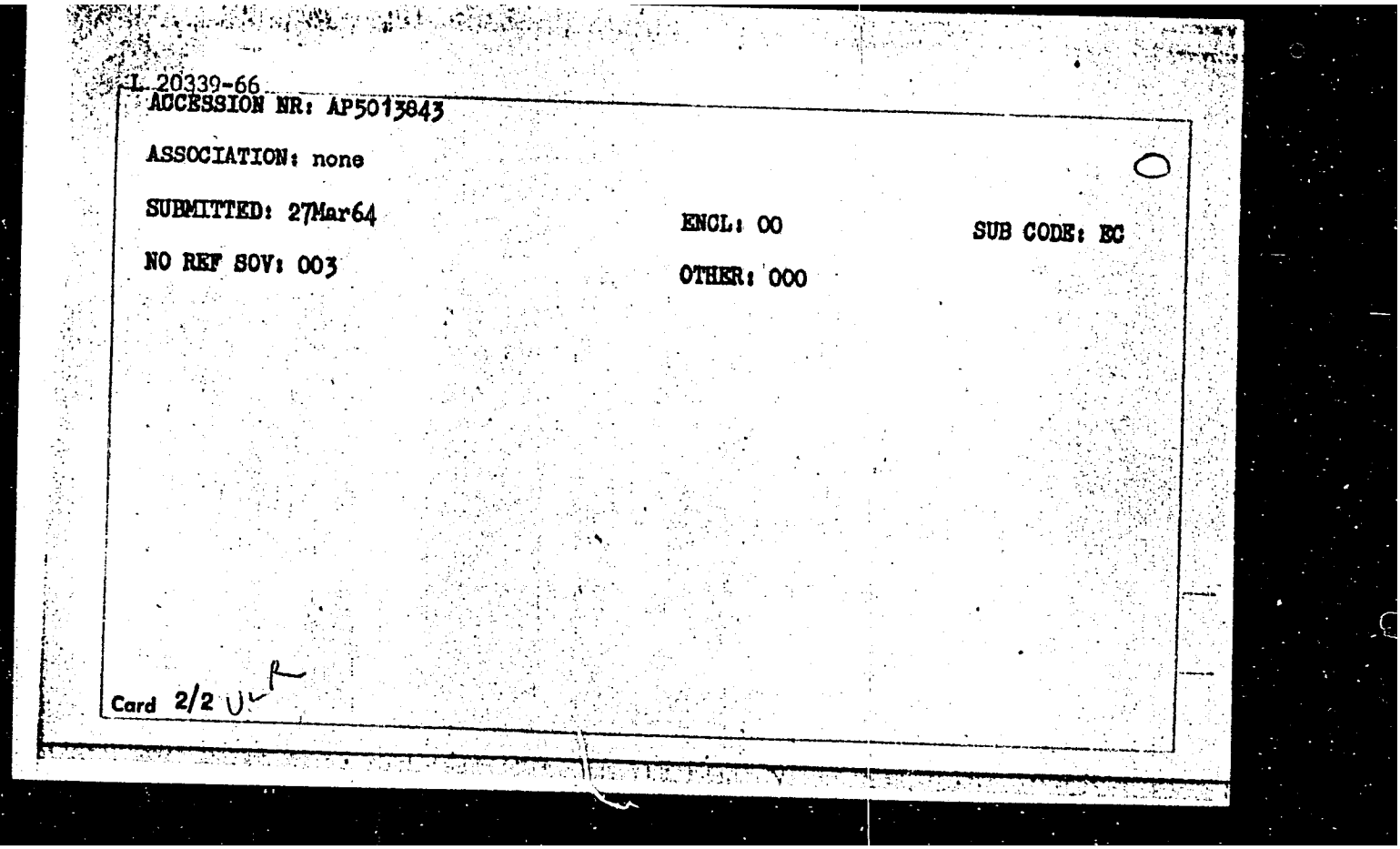
TITLE: Calculating the zero-level drift in d-c amplifiers

SOURCE: Avtomatika i telemekhanika, v. 26, no. 5, 1965, 876-881

TOPIC TAGS: dc amplifier, zero drift

ABSTRACT: A generalized method is considered of calculating the reduced-to-the-input zero-level drift in d-c amplifiers; the method is based on the theory of autonomous quadripoles. The d-c amplifier regarded as an autonomous quadripole is replaced by an equivalent circuit comprising a nonautonomous quadripole (which represents a driftless amplifier) and two autonomous voltage and current sources (which represent two components of the drift). Formulas for these components are developed for parallel-parallel, series-parallel, series-series, and parallel-series circuits of the amplifier feedback. Orig. art. has: 5 figures and 25 formulas.

Card 1/2



L 20339-66
ACCESSION NR: AP5013843

ASSOCIATION: none

SUBMITTED: 27Mar64 ENCL: 00 SUB CODE: EC

NO REF SOV: 003 OTHER: 000

Card 2/2 UR

ACC NR: AP6022202 SOURCE CODE: UR/0115/66/000/005/0048/0050

AUTHOR: Anisimov, V. I.; Golubev, A. P.

ORG: none

TITLE: Switching of transistorized weak-signal choppers

SOURCE: Izmeritel'naya tekhnika, no. 5, 1966, 48-50

TOPIC TAGS: transistorized circuit, dc ac inverter, switching circuit

ABSTRACT: Switching processes in two transistor-switch circuits are theoretically considered. In a "two-pole" circuit (see Figure 1), the transistor is turned off by a bias voltage; in a "single-pole" circuit (Fig. 2), no bias voltage is needed for turning off the transistor. It is found that the "two-pole" circuit is most suitable for Ge-transistorized weak-signal choppers because it provides higher conversion factor and its zero-point drift is practically independent of the method of switching. For Si-transistorized choppers, the "single-pole" circuit is preferable because it has considerably lower zero-point level. Orig. art. has: 4 figures, 7 formulas, and 1 table.

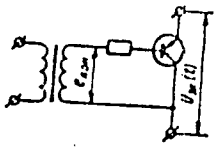


Fig 1

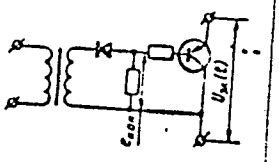


Fig 2

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 004

UDC: 621.314.5+621.375.024

Card 1/1

ANISIMOV, V.I. (Moskva)

Refraction index of a binary liquid system. Zhur.fiz.khim. 35 no.9:1911-1917 '61. (MIRA 14:10)
(Systems (Chemistry)) (Refraction)

SINEGUB-LAVRENKO, Anna Antonovna; ANISIMOV, Viktor Ivanovich; TARASOVA, Lyudmila Aleksandrovna; MIKLASHEVSKIY, S.P., retsenzent; SHUB, L.S., spets. red.; VERBITSKAYA, Ye.M., red.; SHVETSOV, S.V., tekhn. red.

[Photomechanical methods for the production screens for textile printing] Fotomekhanicheskie sposoby izgotovleniia form dlia pechati na tkaniakh. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1961. 142 p. (MIRA 15:1)
(Textile printing) (Photomechanical processes)

ANISIMOV, V.I., kapitan 3 ranga

Give greater attention to the special training of personnel.
Mor.sbor. 44 no.3:51-57 Mr '61. (MIRA 14:4)
(Naval education)

ANISIMOV, V.K.

Diagnosis of ancylostomiasis. Lab.delo 9 no.3:44-45 Mr '63.
(MIRA 16:4)

1. Bol'nitsa goskhoza Dong-zyao, Demokraticheskaya Respublika V'yetnam.

(HOOKWORMS)

ANISIMOV, V. M., Cand Agr Sci -- (diss) "Standardization of protein in intensive semi-tallow fattening of hogs on high-concentrate rations of the barley-corn type." Kiev, 1960. 8 pp; (Ministry of Agriculture Ukrainian SSR, Ukrainian Academy of Agricultural Sciences); 150 copies; price not given; (KL, 26-60, 140)

ANISIMOV, V.M.; SOKOLOV, V.N.

Valuable initiative of railroad bridge workers. Put' put.khoz. 8 no.2:38-40 '64. (MIRA 17:3)

1. Nachal'nik Kiyevskoy mostoispytatel'noy stantsii (for Anisimov).
2. Nachal'nik mostoispytatel'noy stantsii Belorusskoy dorogi, stantsiya Lida (for Sokolov).

ANISIMOV, V.M.

Use continuous rail tracks on br dges. Put' i put'khoz. 8 no.8: 32 '64. (MIRA 17:9)

1. Nachal'nik Kiyevskoy mostoispytatel'noy s antsii.

TERESHCHENKO, I.P.; MOSKVIN, O.I.; DARAGAN, M.V.[Darahan, M.V.]; ANISIMOV, V.P.; YARMOLINSKIY, M.R.[IArmolyns'kyi, M.R.]; BULGAKOV, P.S.[Bulhakov, P.S.]; KUTS, V.K.; KASHPUR, A.V.; VASILENKO, G.K.[Vasylenko, H.K.]; KUKOLEV, V.D.[Kukoliev, V.D.]; SIGOV, S.G.[Sihov, S.H.,deceased]; NAGIRNYAK, P.A. [Nahirniak, P.A.]; VETCHINOV, I.A.[Vietchynov, I.A.]; ZADOROZHNYY, V.K.; DROSOVSKAYA, L.I.[Drosovs'ka, L.I.]; SHKITINA, M.I.; PROSHCHAKOV, O.M.; MOKIYENKO, B.F. [Mokiienko, B.F.]; GOLOVACH, A.V.[Holovach, A.V.]; IVANITSKIY, I.V.[Ivanyts'kyi, I.V.]; KOZAK, V.Ye.; BORYAKIN, V.M., red.izd-va; NESTERENKO, O.O., glav. red.; DAKHNO, Yu.B., tekhn. red.

[National income of the Ukrainian S.S.R. during the period of the large-scale building of communism] Natsional'nyi dokhod Ukrains'koi RSR v period rozhornutoho budivnytstva kommunizmu. Red.kol.: O.O.Nesterenko ta inshi. Kyiv, Vydvo AN URSR, 1963. 333 p. (MIRA 16:12)

1. Akademiya nauk URSR, Kiev. Instytut ekonomiky.
(Ukraine--Income)

ANISIMOV,V.S.

A rivet set. Stan. i instr. 26 no.10:36-37 O'55. (MLRA 9:1)
(Rivets)

Country : USSR
Category : Microbiology. Microbes Pathogenic for Man and Animals
Aerobic Bacilli.
Abs. Jour : Ref Zhur-Biol., No 23, 1958, No 103867

Author : Anisimov, V. S.; Chabarova, M. A.
Institut. : Institute of Veterinary Medicine, Kazakh Affiliate of*
Title : Duration of Immunity After Anthrax Vaccine Inoculation According to the S. B. Gurak Method

Orig Pub. : Tr. In-ta vet. Kazakhsk. fil. VASKhNIL, 1957, 8, 95-97

Abstract : No abstract.

*the All-Union Academy of Arricultural Sciences imeni Lenin

Card: 1/1

F-60

ANISIMOV, V.V.

Excitation of biharmonic oscillations in a generator with two degrees of freedom. Vest.Mosk.un.Ser.mat.,mekh.,astron.,fiz.,khim. 11 no.1:137-146 '56. (MIRA 10:12)

1. Kafedra teorii kolebaniy Moskovskogo universiteta.
(Oscillators, Electron-tube)

ANSIMOV, V.V.; VASIL'YEV, V.G.; GRISHIN, G.L.; ROVNIN, L.I.; ERV'YE, Yu.G.

Berezovo gas-bearing region and prospects for its development.
Geol. nefti i gaza 3 no.9:1-6 S '59. (MIRA 13:1)

1.Tyumenskoye geologicheskoye upravleniye.
(Berezovo region (Tyumen Province)--Gas, Natural--Geology))

ACCESSION NR: AP4040584 S/0040/64/028/003/0557/0563

AUTHORS: Anisimov, V. V. (Moscow); Khokhlov, R. V. (Moscow)

TITLE: Shock waves formed by viscous gas flow about thin profiles

SOURCE: Prikladnaya matematika i mekhanika, v. 28, no. 3, 1964, 557-563

TOPIC TAGS: shock wave, viscous gas flow, thin profile, weak viscosity, wave parameter, quasilinear parabolic equation, condensation jump, wave front, pointed profile

ABSTRACT: The authors reduce the problem of a plane steady-state supersonic flow about a thin profile to the solution of a quasilinear parabolic equation

$$\frac{\partial u}{\partial y} + 2au\frac{\partial u}{\partial \tau} = \delta\frac{\partial^2 u}{\partial \tau^2} \qquad \left(a = \frac{1}{4}(\gamma+1)\frac{M^4}{m},\ \delta = \frac{1}{2}\nu\frac{M^4}{m}\right), \tag{1}$$

under the following assumptions. The gas has weak viscosity, and the arising shock waves have small intensity. Also, the characteristics of the flow are not only functions of the wave parameter $\tau = x - my$ but also weakly depend on one of the coordinates. In the approximation they use, they are able to compose a complete picture of the behavior of the shock wave at any distances from the profile. The interaction of the shock wave with a wave of vacuum has an essential effect on

Card 1/2

ACCESSION NR: AP4040584

the dissipation of the front of the shock wave. The authors show (by estimating the width of the front of the jump of condensation on the basis of the parabolic equation) that before the front of the shock wave contacts the wave of vacuum its width is almost constant. When interaction of the waves occurs, the front begins to spread, proportional to the square root of the distance from the profile, and the position of the shock wave also changes, while its rectilinearity is violated. The authors reduce this problem, in certain cases, to simplified equations: linear

$$\frac{\partial u}{\partial y} = \delta \frac{\partial^2 u}{\partial \tau^2}, \qquad (2)$$

and quasilinear

$$\frac{\partial u}{\partial y} + 2au\frac{\partial u}{\partial \tau} = 0. \qquad (3)$$

Limits of applicability of these equations are indicated. "The authors are grateful to Kh. A. Rakhmatulin, M. D. Lady*zhenskiy and V. A. Yeroshin for their valuable discussions." Orig. art. has: 6 figures and 47 formulas.

ASSOCIATION: none

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Card 2/2

~~[illegible]~~ ANISIMOV V. V.

А. Ф. [illegible]

Схема сдвигателя на магнитных элементах

Н. Н. [illegible],
Л. С. [illegible],
М. А. [illegible]

Магнитное оперативное запоминающее устройство с магнитным управлением

Л. В. [illegible],
Н. Г. [illegible],
Г. И. [illegible]

Десятичный двоичный преобразователь на магнитных элементах с активным ферритовым запоминающим устройством

Н. В. [illegible]

Многодорожечная запись численных данных на магнитной ленте

12 июня
(с 10 до 16 часов)

М. Л. [illegible],
Н. Н. [illegible]

Принципы построения опытной ферритовой вычислительной машины

Ю. А. [illegible],
Я. Я. [illegible]

Арифметическое устройство ферритовой цифровой машины

Ю. А. [illegible]

Внешнее устройство ферритовой малогабаритной цифровой машины ЛЭМ 1

Г. Н. [illegible]

О контроле операций в вычислительной машине ЛЭМ 1

12 июня
(с 18 до 22 часов)

В. В. Анисимов

Подготовка информации для программного управления металлорежущими станками

Л. Д. [illegible]

Некоторые вопросы использования электронных вычислительных машин в системах связи

Г. Н. [illegible]

Опыт решения задачи по определению [illegible] энергетических уровней электронов в кристалле на машине ЛЭМ 1

report submitted for the Centennial Meeting of the Scientific Technological Society of Radio Engineering and Electrical Communications im. A. S. Popov (VNORiE), Moscow, 8-12 June. 1959

Anisimov, V. V.

Amortizatsiya Zhilishchnogo Fonda (Amortization of the Housing Fund By) V. V. Anisimov (I) V. Ye. Nikolaytsev. Moskva, Izd-Vo Narkomkhoza RSFSR, 1946. 59 P. Tables.
At Head of Title: Akademiya Kommunal'nogo Khozyastva.

SO: U/5
855.2
.A5

ANISIMOV, V. V.

Anisimov, V. V. "Techno-economical indexes for municipal enterprises," Nauch. trudy (Akad. kommunal. khoz-va im. Panfilova), Issue 1, 1949, p. 38-42

SO: U-4934, 29 October 1953, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949)

ANISIMOV, V. V.

Organization and methods of statistics in housing. Moskva, Gosstatizdat, 1951.

SO: MLRA. November 1952.

ANISIMOV, V. V.

Sinking Funds

Use of statistics in calculating the amortization rate, Vest. stat. No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

ANISOVICH, V.V.; DAKHNO, L.G.

Angular distribution in reactions resulting in the production of three particles near the threshold. Zhur. ekap. i teor. fiz. 44 no.1:198-202 Ja '63. (MIRA 16:5)

1. Fiziko-tekhnicheskiy institut imeni A.F.Ioffe AN SSSR.
(Nuclear reactions)

ANISOVICH, V.V.

$K^+ \to 3\pi$-decay and $\pi\pi$-interaction. Zhur.eksp.i teor.fiz. 44 no.5:1593-1602 My '63. (MIRA 16:6)

1. Fiziko-tekhnicheskiy institut imeni A.F.Ioffe AN SSSR.
(Mesons)

ANISIMOV, Vasiliy Vladimirovich; KRINITSYN, Mikhail Isaakovich; SEVAST'YANOV, M.I., nauchn. red.; SEGAL', Z.G., ved. red.; DEM'YANENKO, V.I., tekhn. red.

[Construction of main water conduits in permafrost areas] Stroitel'stvo magistral'nykh truboprovodov v raionakh vechnoi merzloty. Leningrad, Gostoptekhizdat, 1963. 147 p. (MIRA 17:1)

ANISIMOV, V.V.

Growth and development of various forms of hemp as related to the duration of day and ecological conditions. Sbor. trud. asp. i mol. nauch. sotr. VIR no.5:185-192 '64. (MIRA 18:3)

KOLESNIK, A.A.; ANISIMOV, V.Ya.

Changes occurring in the composition of the coloring matter of garden beets during long storage. Kons.i ov.prom. 18 no.1:15-18 Ja '63. (MIRA 16:2)

1. Moskovskiy institut narodnogo khozyaystva imeni G.V. Plekhanova.
(Beets--Storage) (Pigments--Analysis)

KOLESNIK, A.A.; ANISIMOV, V.Ya.

Physiological basis for an early harvesting of table beets.
Fiziol. rast. 10 no.4:486-492 Jl-Ag '63. (MIRA 16:8)

1. G.V. Plekhanov Institute of National Economy, Moscow.

ANISIMOV, V. Ye.

Paper submitted for the [illegible] Int. Symposium on Combustion, Pasadena, California, [illegible] August-2 September, 1960.

A N. Bremin	--	Detonation Parameters
P F Pokhil	--	The Mechanism of Combustion of Colloidal Powders
L S Kozachenko	--	The Combustion Mechanism and Burning Velocity in a Turbulent Flow
S M Kogarko	--	On the Burning Probability for Droplets of Liquid Atomized Fuel in a Turbulent Flow
S M Kogarko	--	Amplification of Compression Waves in the Combustion Zone
PLYUKHIN, B.I.	--	On the Stationary Theory for Heat Balance of Powder and Explosive Condensed Phases
Yu N Denisov Ya K Troshin	--	On the Mechanism of Detonative Combustion
E S Golovina G P Khaustovich	--	The Interaction of Carbon with Carbon Dioxide and Oxygen at Temperatures up to 3000°K
KHITRIN, L.N. PAVICH, M.B. KOTOVA, L.L.	--	The Carbon Residue Burning Characteristics of Solid Fuel
O A Tsukhanova	--	The Investigation of the State of Explosion Products Behind the Shock Wave
V A Popov ANISIMOV, V.Ye.	--	On the Ionization in the Flame Front

USSR/Medicine - Hepatopathy Jun 49
Medicine - Antitoxic Function

"Dynamic Observations on the Antitoxic Functions of the Liver in the Clinical Aspects of Internal Diseases," V. Ye. Anisimov, Stud, Faculty Therapeutics Clinic, Kazan State Med Inst, 8 pp

"Klin Med" Vol XXVII, No 6

Author carried out research on antitoxic functions of the liver of hepatopaths and cardiopaths indicating decompensation by the hippuric acid test, and proved that antitoxic functions were considerably lowered. Observed that large doses of sulfamide preparations for treating abscesses of the lungs do

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PA 59/49T29

USSR/Medicine - Hepatopathy (Contd) Jun 49

not depress subject functions. Nicotinic acid in many cases improved the functions, and riboflavin also showed a favorable effect.

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ANISIMOV, V. YE.

ANISIMOV, V. Ye.

Effect of thiamin-bromine on liver function. Klin. med., Moskva 29 no.7:74-76 July 1951. (CLML 20:11)

1. Of the Faculty Therapeutic Clinic (Director — Honored Worker in Science Tatar ASSR Prof. Z. I. Malkin), Kazan' Medical Institute.

ANISIMOV, V.Ye., kand.med.nauk; ZAYTSEV, V.M.

Changes in the cholesterin, choline, and protein fractions of blood in atherosclerosis patients on a saltless diet. Sov.med. 21 no.11:95-98 N '57 (MIRA 11:3)

1. Iz kafedry fakul'tetskoy terapii (zav.-zasluzhennyy deyatel' nauki Tatarskoy ASSR prof. Z.I.Malkin) Kazanskogo meditsinskogo instituta.

(ARTERIOSCLEROSIS, ther. salt-less diet, eff. on choline, cholesterol & protein in blood)
(DIET, in various, salt-less in arteriosclerosis, eff. on choline, cholesterol & protein in blood)
(CHOLINE, in blood, eff. of salt-less diet in arteriosclerosis)
(CHOLESTEROL, in blood, same)
(BLOOD PROTEINS, in various dis. arteriosclerosis, eff. of salt-less diet)