

EKSHAROV, G. P.

Cand Med Sci - (diss) "Fascia and fascial sheaths of vessels and nerves of the forearm." Irkutsk, 1961. 18 pp; (Irkutsk State Med Inst); 200 copies; price not given; (KL, 7-61 sup, 263)

EKSHAROV, G.P.

Simple method of microphotography. Lab.delo 7 no.9:55-56 S '61.
(MIRA 14:10)

1. Kafedra operativnoy khirurgii s topograficheskoy anatomiyey
(zav. - prof. A.N.Glinskiy) Novosibirskogo meditsinskogo instituta.
(PHOTOMICROGRAPHY)

EKSHAROV, G.P., kand.med.nauk.

Acute diffuse peritonitis; based on data of a rural hospital
for a four year period. Khirurgia no.3:45-49 '63.

(MIRA 16:5)

1. Iz khirurgicheskogo ptdeleniya Mikhailovskoy rayonnoy bol'-
nitsy (glavnyy vrach G.P.Eksharov) Novosibirskoy oblasti.
(PERITONITIS)

KYUREGYAN, E.A.; EKSUZIAN, TS.O.

Determining small quantities of silver in waters and rocks. Izv.
AN Arm.SSR Nauki o zem. 17 no.6:59-62 '64 (MIRA 18:2)

1. Institut geologicheskikh nauk AN ArmSSR.

ЕКТОВ, А.

Guarantee of success is in the party leadership. Voen. snan. 35
no.2:12-13 P '59. (MIRA 12:6)

1. Sekretar' Slavyanskogo rayonnogo komiteta Kommunisticheskey
Partii Sovetskogo Soyusa.
(Krasnodar Territory--Military education)

EKTov L.M.

D 5 2

2000

Use of Metal Production Reserves at the Stalin Metallurgical Works, I. M. Ektov. (Sov. 1956, (2), 90-102). (In Russian). This is a review by the director of the Stalin integrated steel works of progress since 1949 and of future plans. Production figures in % of the 1950 values are presented and analyzed, the increase being attributed mainly to higher productivity of existing plant. A significant contribution has been made by closer co-ordination of the various operations of the whole works.--a. x.

TRIP

1

2000

EKTOV, Mikhail Grigor'yevich

Learn to understand music. Mast. ugl. 8 no.8:26 Ag '59.
(MIRA 12:12)

1. Shakhta imeni Okt'yabr'skoy revolyutsii kombinata Rostovugol'.
(Donets Basin--Coal miners--Songs and music)

EKTOV, V. A.

"Post-Embryonic Linear Growth of the Skeleton in Large Horned Cattle, Studied in Relation to Their Nutrition Regimes." (p. 122) by Ektov, V. A.

SO: Journal of General Biology XII (Zhurnal Obshchei Biologii) Vol. XII, No.2, 1951.

EKTOV, V. A.

"Effect of Feeding Level on Postembryonal Development of Certain Systems and Internal Organs in Cattle." (pp. 469-78) by Ektov, V. A.

SO: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. 12, No.6, (Nov-Dec) 1951.

ЕКТОВ, V.A.

Effects of feeding on the growth and weight of muscles of calves. Zh.
obsh. biol., Moskva 13 no. 5:363-376 Sept-Oct 1952. (CJML 23:3)

1. Department of Farm Animal Breeding, Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev.

Ектов, В. Н.

ISSV

The influence of level of nutrition on the bone strength of young cattle. V. A. Ektov (Timiryazev Agr. Acad.). *Zhur. Obshch. Biol.* 15, 188-91 (1934).--During the post-embryonic period the bone strength of cattle sharply increases with age, being particularly noticeable in the well-fed animal. Good nourishment at an early age guarantees good and strong bone structure later in life of the animal. *CI* C.A. 46, 9082c. J. A. Stekol...

EKTOV, V.A., kandidat sel'skokhozyaystvennykh nauk, dotsent.

Age variability of breastbone muscles of cattle at various feeding
levels. Izv. TSKhA no.1:177-184 '56. (MLRA 9:10)

(Cattle--Feeding and feeding stuffs) (Muscles)

Country : USSR
Category : Farm Animals. Q
Cattle.
Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96838
Author : Ektov, V. A.
Institut. : Timiryazev Academy of Agriculture.
Title : Age-Determined Changes of the Axial Skeleton
Musculature in Young Cattle Stock at Different
Diet Levels.
Orig Pub. : Izv. Timiryazevsk. s.-kh. akad., 1957, vyp. 1,
151-160
Abstract : The muscle weight of newborn, 6 month old, one
and 1 1/2 years old calves was determined. The
following growth coefficients were found: mus-
cles of the abdominal wall - 34.3; muscles of
the thoracic wall - 20.9; muscles of the ver-
tebral column - 20.2; muscles linking the shoul-
der girdle with the trunk - 20.0. With progres-
sing age, the relative amount of the muscula-
ture increases from 58.6 to 75.4 percent, while
the bone portiond decreases from 41.4 to 24.6%
Card: 1/2

Ektov, V.A.

SOLOVNY, M.Ya., kand. nauk; EKTOV, V.A., kand. nauk.

Growth and development of the mucous membrane of stomach in purebred
and crossbred swine. Dokl. TSKhA no.27:321-326 '57. (MIRA 11:4)
(Swine) (Stomach)

EKTov, U.A.

SOLOVY, M.Ya., kand. nauk; EKTov, Y.A., kand. nauk.

Age characteristics in the structure of muscles of purebred and
crossbred swine, Dokl. TSKhA no. 27:292-299 '57. (MIRA 11:4)
(Swine) (Muscles)

USSR/Farm Animals. Swine

Q-3

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 35687

Author : Solovoy M.Ya., Ektov V.A.

Inst : Not Given

Title : The Growth and Development of the Mucous Membrane of the Stomach in Swine under Conditions of Purebred Raising and Crossing of Them (Rost i razvitiye slizistoy obolochki zholudka sviney pri chistopородnom razvedonii i skroshchivanii ikh)

Orig Pub : Dokl. Mosk. s.-kh. akad. in. K.A. Timiryazova, 1957, vyp. 27, 321-326

Abstract : At all stages of development, the thickness of the layer of glandular epithelium, and the weight and dimensions of stomachs were considerably greater in the hybrid swine (Mirgorod X Largo White and Mirgorod X Largo X Broit) than in the purebred Mirgorod breed. It is possible that in the hybrid swine the digesting power of the stomach is higher than in the purebreds.

Cerd : 1/1

...КТОУ, V.A., dotsent, kand. sel'skokhos. nauk

Effect of two and three way crossing on the muscle develop-
ment and fat accumulation in swine. Izv. TSKhA no.5:139-158 '59
(Swine breeding) (MIRA 13:3)

EKTOV, V.A., kand.sel'skokhozyaystvennykh nauk, dotsent

Changing economically valuable features in swine by rotation
breeding. Izv. TSKhA no.3:165-172 '60. (MIRA 14:4)
(Swine breeding)

SOLOVEY, M.Ya., kand.biologicheskikh nauk; EKTOV, V.A., kand.sel'skokhozyaystvennykh nauk

Growth and development of muscle tissues in purebred and cross-bred swine. [with summary in English]. Izv. TSEKhA no.4:143-155 '60. (MIRA 13:9)

(Swine)

(Muscles)

EKTOV, V.A., dotsent, kand.sel'skokhoz.nauk

Fattening qualities of purebred and hybrid swine. Izv. TSKhA
no.1:97-104 '61. (MIRA 14:3)

(Swine—Feeding and feeds)

EKTOV, V.A., kand. sel'skokh. nauk; SOLOVEY, M.Ya., kand. biol. nauk

Development of mammary glands in purebred and hybrid swine in
ontogenesis. Izv. TSKHA no.5:216-228 '62. (MIRA 16:7)

(Mammary glands) (Swine—Physiology)

HEL'GOVSKIY, G.L.; EKTOVA, L.A.

Terrigenous sediments of the Late Devonian in the western part
of Kokshaal-Tau (Tien Shan). Inform.sbor.VSEGEI no.46:59-66
'61. (MIRA 15:3)

(Kokshaal-Tau--Geology, Stratigraphic)

BEL'GOVSKIY, G.L.; EKTOVA, L.A.

Famenian sediments in the northeastern part of the Alay Range.
Inform.sbor.VSEGEI no.46:67-69 '61. (MIRA 15:3)
(Alay Range--Geology, Stratigraphic)

EKVTIMISHVILI, M.S.

Origin of the primrose *Primula saguramica* Gawr. Vest.Bot.sada
AN Gruz.SSR no.67:3-7 '61. (MIRA 15:7)
(Georgia--Primroses)

EKVTIMISHVILI, M.S.

Some data on the propagation of garden roses and wild roses by herbaceous cuttings. Vest. Tbil. bot.sada no.69:41-47 '63.

(MIRA 17:10)

DECEASED

EXVTMISHVILLI, Z. S.

Zoology

See ILC

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EKZEMPLYAROV, O.N.

Dynamics of the penetration of tetracycline and streptomycin into
macrophages cultivated in vitro. Antibiotiki. 10 no.5:425-427 My
'65. (MIRA 18:6)

1. Leningradskiy nauchno-issledovatel'skiy institut antibiotikov.

EKZEMPLYAROV, O.N.

In vitro reproduction of Salmonella typhimurium in macrophages.
Zhur.mikrobiol., epid. i immun. 42 no.3:88-92 Mr '65.

(MIRA 18:6)

1. Leningradskiy nauchno-issledovatel'skiy institut antibiotikov.

FKWERTOWSKI, JAN.

Sluzba informacyjna w rybolowstwie morskim. Wyd. 1 Warszawa, Wydawn.

Komunikacyjne, 1956. 141 p. (Information service in sea fishing. 1st ed.)

DA

Not in DLC

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, NO. 10, October 1957, Uncl.

EXZEMPLIYARSKAYA, V.P.; CHEBOTAR', A.M.; CHAYKO, G.G., red.; BALAKHNICHEVA,
T., red.; KAPITSA, V., tekhn.red.

[Public health in Moldavia; a statistical manual] Zdravookhra-
nenie v Moldavskoi SSR; statisticheskii spravochnik. Kishinev,
Gos.izd-vo Moldavii, 1958. 79 p. (MIRA 12:3)

1. Moldavian SSR. Ministerstvo zdravookhraniya.
(MOLDAVIA--PUBLIC HEALTH--STATISTICS)

EKZEMPLYARSKAYA, Ye. V.

"Questions of Immunity in Experimental Malaria of Monkeys (Macacus Rhesus),"
Med. parazitol., No.1, 1946

Inst. Med. Parasitology, All-Union Inst. Experimental Medicine

ЕКЗЕМПЛЯРОВА, Ye. V.

ЕКЗЕМПЛЯРСКАЯ, Ye. V. "Experimental malaria in monkeys", (report by the author), Trudy Sukhun. biol. stantsii Akad. med. nauk SSSR, Vol. 1, 1949, p. 288-91.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

EKZEMPLYARSKAYA, Ye. V.

EKZEMPLYARSKAYA, Ye. V. "On cross immunity in tick recurrence", In the collection:
Voprosy krayevoy, obshchev i eksperim. parazitologii, Vol. IV, Moscow, 1949, p. 36-39.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

EKZEMPLYANSKAYA, Ye. V.

EKZEMPLYANSKAYA, Ye. V. "A comparative study of the tubercular bacilli of various types--*T. humanus*, *T. bovinus*, *T. avium*, and *T. piscium* after passage through the cockroach", In the collection: *Voprosy krayevoy, obshchev i eksperim. parazitologii*, Vol. IV, Moscow, 1949, p. 145-58.

30: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

^L
~~EXZEMPYARSKIY, V.H.~~

Activities of the Department of Psychology of Chelyabinsk Pedagogical Institute. Vop.psikhol. 2 no.2:109-110 Mr-Apr '56.

(MLRA 9:8)

(Chelyabinsk--Psychology)

L 40853-66 EWT(m)/I/EWP(t)/FTI IJP(c) DJ/WH/JD

ACC NR: AP6021719

(N)

SOURCE CODE: UR/0229/66/000/005/0025/0030

AUTHOR: Trifonov, Ye. V.; Yampol'skiy, I. D.; Piruyev, Ye. V.; Ekzemplyarskiy, V. Ya.

ORG: None

TITLE: Water-lubricated plain bearings for high-speed turbine units

SOURCE: Sudostroyeniye, no. 5, 1966, 25-30

TOPIC TAGS: hydrostatic bearing, hydrodynamic bearing, bearing material, bearing stability, bronze, corrosion resistance, cavitation, water, turbine

ABSTRACT: The authors discuss difficulties associated with the use of water-lubricated bearings in high-speed turbine units. Some of these difficulties are the low viscosity of water as compared to turbine lubricants and the difficulties of machining materials suitable for operation under conditions of high temperature and pressure. The main difficulty however is the viscosity of water which produces a very thin lubricating layer. The thickness of the layer permits additional friction by particles suspended in the water. The authors propose the use of hydrostatic bearings which ensure a sufficiently thick lubricating layer independent of lubricant viscosity. Such bearings are widely used in chemical machine building. These bearings are based on the desired principles, but still have many disadvantages. Therefore bearings were developed and tested which are called "combination bearings" incorporating both hydrostatic and

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UDC: 621.822.5

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ACC NR, AP6021719

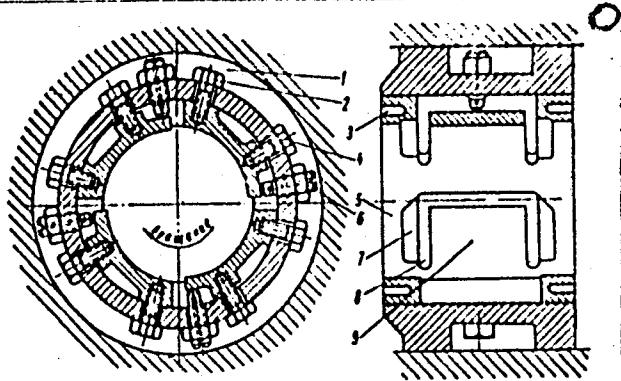
hydrodynamic principles. Laboratory test data are given together with verification of these data under operational conditions. The bearing material is the main factor in determining optimum bearing construction. Bearing materials have to satisfy the following requirements: 1. they must be highly resistant to corrosion and cavitation; 2. they must be resistant to scratches and must have good run-in characteristics at both high and low speeds; 3. they must have good wear resistance under conditions of semi-fluid friction, and in particular must be wear-resistant with respect to abrasive particles in water. As a result of several years of operational experience, OF-10-1 bronze was chosen for the bearings. This material has certain disadvantages such as comparatively low run-in properties and a high coefficient of expansion. All bearing designs considered in this article are made of this material. Four different types of combination bearings are tested. A diagram is given showing the temperature for the internal surface of the bearing inserts. Tests show that local heating of bearings is the main source of failure. Local thermal deformations affect the inserts and reduce cooling for the heated zone. The continuation of this process causes binding between shaft and bearing. Three of the four types of bearing designs tested suffer from these defects, while the fourth type (see, figure) does not. This bearing is designed so that expansion due to heat both under normal and under emergency operating conditions does not reduce the clearance between shaft and bearing. The bearing inserts have a complex shape and are made so that the support surface is composed of four flexible elements. They are threaded in place, and in the event that fluid pressure falls, the shaft rests on the two lower lobes. Under these conditions, a wedge-shaped

Card 2/3

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ACC NR: AP6021719

clearance is formed between the shaft and the section in which a hydrodynamic lifting force is set up. This enables the shaft to withstand emergency conditions of short duration. Thus the results of the study show that it is possible to develop a reliable water-lubricated bearing for high-speed turbine installations. The main problems for these conditions are ensuring the operation of the bearing under conditions of interrupted lubrication, and sufficient vibration resistance at high rpm. Of all types of bearing designs studied, the four-section lobe type is best suited for operation under conditions of water-lubrication in high-speed rotors. Orig. art. has: 6 figures, 1 table.



1--lubricant flow channel; 2--fastening bolt; 3--expansion groove; 4--strain pin; 5--band; 6--regulating bolt; 7--0.5 mm depression; 8--groove; 9--slip surface

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 007/ OTH REF: 000

Card 313MLP

38370

EKZEMPLYARSKIY, YA. P.

Primeneniye mestnoy anestezii pri neyrogennykh bolyakh. Sov. meditsina,
1949, No. 12, s. 26

EKZERTSEV, A-A

22(11)

PHASE I BOOK EXPLOITATION

SOV/1412

USSR Ministerstvo vysshego obrazovaniya

Spravochnik dlya postupayushchikh v vysshiye uchebnyye zavedeniya SSSR v 1958 g.
(Handbook for Persons Entering USSR Higher Educational Institutions in 1958)
Moscow, Sovetskaya nauka, 1958. 271 p. 300,000 copies printed.

Compiler: A.A. Ekzertsev; Ed.: D.A. Troitskiy; Ed. of Publishing House:
L.N. Pan'shina; Tech. Ed.: R.K. Voronina.

PURPOSE: This handbook is intended for those interested in entering higher educational institutions in the USSR.

COVERAGE: Part I of this handbook presents admission requirements and examination schedules. Part II lists all Soviet universities and other higher educational institutions and their primary fields of interest. Part III gives a list of all such institutions arranged according to cities. These listings portray the status of Soviet institutions as of January 1, 1958. There are no personalities mentioned, and there are no references.

Card 1/6

Handbook for Persons (Cont.)

SOV/1412

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AVAILABLE: Library of Congress

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EKZERTSEV, V. A.

PA 34/49T49

USSR/Medicine - Bacteria, Action
Medicine - Microorganisms

Nov/Dec 48

"Determination of the Thickness of the Microbiologically Active Layer of the Sediment of Certain Lakes,"
V. A. Ekzertsev, Inst of Microbiol, Acad Sci USSR,
Moscow, 7 1/2 pp

"Mikrobiologiya" Vol XVII, No 6

Treats under: procedure, microbiological characteristics of sediment deposits, oxidation-reduction potential of sediment deposits, and discussion of results. Tables show data for Oz. Kolomenskoye, Oz. Piyavochnoye and Oz. Biserovo. Submitted 14 Jun 48.

34/49T49

^{F.}
EKZERTSOV, V. A.

"Determination of the thickness of the microbiologically active layer of silt deposits of certain Lakes," Mikrobiologiya, 18, p 476, 1948.

EK ZERTSEV, V. [A]

KRIVISKIY, A.; RUBAN, Ye.; VAYSFEL'D, I.; ZAVARZINA, N.; EKZERTSEV, V.;
BELOUSOVA, N. [abstracters].

Abstracts [of foreign literature]; general microbiology, physiology
and biochemistry. Mikrobiologiya 32 no.6:744-751 N-D '53. (MLRA 6:12)
(Microorganisms)

15-57-8-11377D
Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8,
p 180 (USSR)

AUTHOR: Ekzertsev, V. A.

TITLE: Formation of Methane by Microorganisms in Petroleum
Deposits (Obrazovaniye metana mikroorganizmami v
neftyanykh mestorozhdeniyakh)

ABSTRACT: Bibliographic entry on the author's dissertation for
the degree of Candidate of Biological Sciences,
presented to In-t mikrobiol. AN SSSR (Microbiological
Institute of the AS USSR), Moscow, 1956

ASSOCIATION: In-t mikrobiol. AN SSSR (Microbiological Institute of
the AS USSR)

Card 1/1

EKZERTSEV, V.A.; KUZNETSOV, S.I.

Study of the microflora of oil fields of the Second Baku. Mikro-
biologiya 23 no.1:3-14 Ja-F '54. (MLRA 7:2)

1. Institut mikrobiologii Akademii nauk SSSR, Moscow.
(Second Baku--Petroleum) (Microorganisms)

ERZHENISHEV, V. A.

Institute of Microbiology, USSR Academy of Sciences, Moscow.

"Microscopic examination of the bacterial flora of petroleum-bearing environment of Sedona? Basin."

SOURCE: MIKROBIOLOGIA, Vol. 20, No. 4, July/August 1961.

EXZERTSEV, V.A.

Production of methane by micro-organisms in petroleum deposits.
Geokhimiia no.4:362-370 '60. (MIRA 13:10)

1. Institute of Microbiology, Academy of Sciences, U.S.S.R.,
Moscow.

(Volga Valley--Petroleum--Bacteriology)
(Ural Mountain Region--Petroleum--Bacteriology)
(Methane)

EKZERTSEV, V.A.

Process of petroleum decomposition induced by microorganisms
under anaerobic conditions [with summary in English]. Mikrobiologiya
27 no.5:626-633 S-O '58 (MIRA 11:12)

1. Institut mikrobiologii AN SSSR:
(PETROLEUM)
(METHANE)
(BACTERIA, ANAEROBIC)

EKZERTSEV, V.A.

Vegetation of the temporary inundation zone in the southern part of
Kuybyshev Reservoir. Trudy Inst. biol. vodokhran. no.3:92-102 '61.

(MIRA 14:3)

(Kuybyshev Reservoir—Fresh-water flora)

EKZERTSEV, V.A.

Vegetation of the littoral of Gorkiy Reservoir. Biul. Inst. biol.
vodokhran. no.12:7-10 '62. (MIRA 16:3)

1. Institut biologii vodokhranilishch AN SSSR.
(Gorkiy Reservoir—Freshwater flora)

EKZERTSEV, V.A.; EKZERTSEVA, V.V.

Production of macrophytes in the bays of Ivan'kovo Reservoir. Biul. Inst.
biol. vodokhran. no.12:11-15 '62. (MIRA 16:3)

1. Institut biologii vodokhranilishch AN SSSR.
(Volga Reservoir—Freshwater flora)

EKZERTSEV, V.A.; SOKOLOVA, N.A.

Horsetail(*Equisetum fluviatile* L.) communities in Ivan'kovo
Reservoir. Trudy Inst. Biol. vovokhran. no.5:21-35'63. (MIRA 16:8)
(VOLGA RESERVOIR—HORSETAIL)

EKZERTSEV, V.A.

Overgrowth of the littoral of Volga reservoirs. Trudy Inst. biol.
vnutr. vod no.6:15-29 '63. (MIRA 18:1)

EKZERTSEV, V.A.; EKZERTSEVA, V.V.

Littoral and aquatic vegetation of Uglich Reservoir. Trudy Inst.
biol. vnutr. vod no.6:30-50 '63. (MIRA 18:1)

GUSEVA, K.A.; KKLERTSEV, V.A.

Summing up the studies on phytoplankton and higher aquatic
vegetation of Volga reservoirs. Trudy Inst. biol. vnutr. vod.
no. 9:78-95 '65. (MIRA 19:1)

EKZERTSEVA, V.V.

Production of aquatic shore vegetation in Uglich Reservoir. Biul.
Inst. biol. vodokhran. no. 11:7-9 '61. (MIRA 15:8)

1. Institut biologii vodokhranilishch AN SSSR.
(UGLICH RESERVOIR--FRESHWATER FLORA)

EKZERTSEV, V.A.; EKZERTSEVA, V.V.

Production of macrophytes in the bays of Ivan'kovo Reservoir. Biul. Inst.
biol. vodokhran. no.12:11-15 '62. (MIRA 16:3)

1. Institut biologii vodokhranilishch AN SSSR.
(Volga Reservoir—Freshwater flora)

EKZERTSEV, V.A.; EKZERTSEVA, V.V.

Littoral and aquatic vegetation of Uglich Reservoir. Trudy Inst.
biol. vnutr. vod no.6:30-50 '63. (MIRA 18:1)

6.7110 (1121,1524)
9.3272 (1040)

28792
S/106/61/000/010/004/006
A055/A127

AUTHORS: Ekzhanov, M. P., Rozov, V. M.

TITLE: Effect of the parasitic frequency-modulation of the driver on the operation of single-band channels

PERIODICAL: Elektrosvyaz', no. 10, 1961, 26 - 30

TEXT: The use of reference frequency generators as modulator drivers in single-band transmitters (or of heterodynes in single-band receivers) causes distortion of the transmitted signals if parasitic frequency modulation exists in the output of the reference frequency generator (or of the heterodyne). The author describes an experimental method for estimating the effect of this parasitic FM upon the transmission of voice signals and of multichannel telegraph signals through a single-band channel, this method being based on the use of a circuit simulating the single-band channel. Fig. 1 is a block-diagram of this simulator. The single-band signal is produced by means of the balanced modulator BM and the electro-mechanical filter (with a passband of about 3,000 cps). To the balanced modulator are applied the analysed signal and an hf-voltage from the crystal oscillator Osc₁. The filter is followed by a preamplifier and a detector. For the

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reinsertion of the carrier is used the crystal oscillator Osc_2 , the mean frequency of its output voltage being equal to the frequency of the voltage at the output of Osc_1 . The reactance tube is to modulate the frequency of Osc_2 , i.e. to produce the parasitic FM in the single-band channel. The maximum frequency deviation obtained in the circuit is ± 50 cps. The a-f signals from the detector are amplified by a three-stage a-f amplifier whose frequency characteristic is practically linear in the $50 \div 4,000$ cps band. The use of negative feedback makes it possible to obtain an overall coefficient of nonlinear distortion not exceeding 2.5% at an input signal voltage of $1.2 \div 1.5$ v and an output signal voltage ≤ 10 v eff across a 600-ohm load. This distortion was measured on simulators of a voice-frequency carrier telegraphy system "TT-12/16 (50 - 75 baud) and of a mock-up of the equipment for multiplexing single-band radio-channels by telegraph channels (200 - 300 baud). For the analysis of telephone signal distortions, a magnetic sound recorder was connected to the input of the simulator, and a loudspeaker to its output. The effect of the parasitic FM on voice telephone signals transmitted through the simulator was estimated in percentages of perceptibility of the distortion in comparison with a nondistorted transmission of male and female speech. Nine listeners took part in the experiments. The results of the experiments (grouped in three tables) led to

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the following conclusions: .1) The distortions of telegraph signals in the presence of parasitic FM in single-band channels are variable bias of telegraph sendings. 2) The bias magnitude depends both on the modulating frequency F_M of the parasitic FM and on the existing frequency deviation; a) at any value of F_M between 20 and 150 cps, the distortions grow when the frequency deviation F_{dev} decreases; they are already quite considerable at very small deviations; b) if F_{dev} remains constant, distortions tend to decrease when F_M increases. 3) Considering as inexperienced the loss of the margin in radio-telegraph channels owing to internal interferences superior to 2 ÷ 5%, it is possible to admit $F_{dev} \leq 5$ cps as the maximum magnitude of the frequency deviation of the parasitic FM. Though it is possible to estimate the order of magnitude of the effect of the parasitic FM on the qualitative indices of radio-channels, the above results do not give a sufficiently comprehensive idea of the quantitative relationships existing in practical radio-channels. There are 2 figures, 3 tables and 1 Soviet-bloc reference.

SUBMITTED: January 28, 1961

Card 3/4₃

TOKMAN, A.S.; EL', F.A.

Carrying out measures for lowering the incidence of anginas in industry. Trudy gos. nauch.-issl. inst. ukha, gorla i nosa no.11:172-178 '59. (MIRA 15:6)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut ukha, gorla i nosa.
(TONSILS--DISEASES) (INDUSTRIAL HYGIENE)

EL', M.A.
KREMISHENSKIY, A.A., inzhener; EL', M.A., inzhener

Mechanical dehydration of sediment in sewage water. Gor.khos.Mosk.
29 no.9:23-26 S'55. (MIRA 8:12)
(Sewage irrigation)

KARPINSKIY, A.A.; ML', M.A.

Purification of sewage at the Kur'ianov aeration plant. Gor.khez.
Mosk. 30 no.1:21-25 Ja '56. (MIRA 9:6)
(Moscow--Sewage--Purification)

~~SECRET~~
KARPINSKIY, A.A.; EL', M.A.

Research work at the Kur'yanovsk aeration station. Gor.khoz.Mosk.
31 no.12:28-31 D '57. (MIRA 10:12)
(Water--Purification)

POPOVA, N.M., kand.tekhn.nauk; KARYUKHINA, T.A., mladehiy nauchnyy sotrudnik
ML', M.A., inzh.

Condensation of activated sludge at sewage-treatment plants in
Moscow. Gor. khoz. Mosk. Zh no.9:28-30 S '60. (MIRA 13:9)
(Moscow--Sewage--Purification)

POSTNIKOV, I.S.; ARUTYUNYAN, K.G.; TUGUSHEVA, N.Yu.; EL', M.A.; KARYUKHINA,
T.A.

Semi-industrial studies of air tanks or clarifiers developed
by the Academy of Municipal Economy at the Kur'ianovskii aeration
station. Sbor. nauch. rab. AKKH no.6:15-35 '61. (MIRA 15:3)
(Sewage--Purification)

POSTNIKOV, I.S.; ARUTYUNYAN, K.G.; TUGUSHEVA, N.I.; EL', M.A.;
KARYUKHINA, T.A.

Investigating the operation of an air sedimentation tank at the
Kur'yanovo aeration station. Nauch. trudy AKKH no.20:80-96 '63.
(MIRA 18:12)

EL', M.A., inzh.

Experience in the operation of equipment of the Kur'yanovo
aeration station. Vod. i san. tekhn. no.8:28-31 Ag '65.
(MIRA 18:12)

GORBATOV, V.A., student; MLABAKYAN, K.I., student

Examining the projection printer of the Moscow Institute for
Engineers in Geodesy, Aerial Photography and Cartography.
Trudy MIIGAIK no.33:71-77 '58. (MIRA 12:8)

1. Aerofotogeodesicheskiy fakul'tet Moskovskogo instituta inshenerov
geodezii, aerofotos"yenki i kartografii.
(Aerial photogrammetry)

"APPROVED FOR RELEASE: 08/22/2000

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APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412020004-8"

RUMANIA / Human and Animal Physiology. Internal Secre- T
tion. The Thyroid Gland.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101978.

Author : Milcu, St.-M.; Vaisler, L; Costiner, E.; Elad, C.;
Antonescu, N.

Inst : Rumanian Academy.

Title : Biochemical Changes of the Bile in Animals With
Experimental Hyperthyreosis.

Orig Pub: Studii ci cercetari endocrinol. Acad. RPR, 1957,
8, No 3, 293-296.

Abstract: In dogs with hyperthyreosis induced by introduc-
tion of thyroxin, the bile excretion decreased by
20.5-49.6%. The viscosity and the dry residue of
the bile did not change, the content of bilirubin
increased. The changes of bile secretion are in-

Card 1/2

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RUMANIA / Human and Animal Physiology. Internal
Secretion. The Thyroid Gland.

T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101978.

Abstract: duced by the inhibitory influence of tyroxin on
bile formation, as well as by the change of water
metabolism observed in hyperthyreosis.

Card 2/2

ISTRATE, Firta; PAUSESCU, E.; ELAD-ANTONESCU, Claudia; ILESCU, Eveline

Experimental investigations of atherosclerosis. Action of mammary gland extracts on cholesterolemia and atherogenesis. Stud. cercet. med. intern. 2 no.3:415-432 '61.

(ARTERIOSCLEROSIS experimental) (BREAST extracts)
(CHOLESTEROL blood)

BLAEV, N.R.; ALTANER, C.

Incorporation of amino acids into the soluble ribonucleic acids of the cytoplasm, nucleus and mitochondria of rat liver. Coll Cz Chem 29 no.19:2543-2548 0 '67.

1. Oncological Research Institute, Bratislava.
2. Present address: Laboratory of Protein Chemistry, Leningrad State University, Leningrad (for Blav).

ELAGIN, G. Ya.

USSR/Chemical Technology -- Chemical Products and Their Application. Fertilizers,
I-6

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1446

Author: Elagin, G. Ya., and Kavnatskaya, B. S.

Institution: None

Title: Production of Sodium Fluoride at the Odessa Superphosphate Plant

Original

Periodical: Khim. prom-st, 1956, No 3, 166-167

Abstract: Bench-scale and pilot plant work on the determination of optimum conditions for the production of NaF by the reaction of Na_2SiF_6 paste with Na_2CO_3 solution has been completed. Stirring is applied to produce a peripheral velocity of 2-3 m/sec in order to prevent the occlusion of the reacting crystals by the silica gel which is formed in the reaction; the total Na_2SiF_6 paste is mixed with 1/3 of the Na_2CO_3 solution, and the remainder of the Na_2CO_3 is added gradually. A method has been developed for the production of either Na_2SiF_6 or NaF, permitting the switch from one product to another

USSR/Chemical Technology -- Chemical Products and Their Application. Fertilizers,
I-6

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1446

Abstract: without interrupting production. H_2SiF_6 and a saturated solution of NaCl are fed into a stirrer-equipped reactor from which the Na_2SiF_6 slurry is sent to a centrifuge. The crude product is transported in shuttle cars to a screw dryer, from where it is pneumatically conveyed to crushers and then to weighing stations. In the production of NaF the Na_2SiF_6 slurry is fed to a second reactor into which a saturated solution of Na_2CO_3 already has been charged. Heating is by live or spent steam. At 60-80° the reaction takes 40-45 minutes. The NaF slurry is fed to a centrifuge; the dry NaF from the dryer is stored in barrels.

0000 2/0

ELAGIN, I. N.

Buckwheat cultivation Moskva, Gos. izd-vo selkhoz lit-ry, 1951. 119 p.

DA

ELAGIN, I. N.

Agricultural engineering methods in obtaining high buckwheat yields. Moskva, Znanie, 1954. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniu politicheskikh i nauchnykh znani. Seria 5, no. 9)

ELAGIN, I. V.

Hybirdization of plants. p. 28.

Vol. 10, no. 11, Nov. 1955
KOOOPERATIVNO ZEMEDELIE
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 1 Jan. 1956

ELACINA, A.

Lights of Kolhoz electric power stations. Moskva. Molodaid gvardiia, 1947.
100 p. (48-24585)

Hdl1,91.R9E4

EKSHIYAN, P.

Meeting with Gitalov. Prof.-tekh. obr. 19 no.5:12 My '62.

(MIRA 15:5)

1. Direktor bobrinetskogo uchilishcha mekhanizatsii sel'skogo khozyaystva No.2, Kirovogradskaya oblast'.
(Farm mechanization)

LITVINENKO, V.I.; BEKTUROV, A.B.; EKSHTELIS, A.V.

Decomposition of Karatau phosphorites by concentrated sulfuric acid.
Trudy Inst.khim.nauk AN Kazakh.SSR 10:100-109 '64.

(MIRA 17:10)

LITVINENKO, V.I.; EKSELTIS, A.V.; BEKTUROV, A.B.

Effect of certain factors on the dissolution of polyhalite in phosphoric acid. Izv. AN Kazakh.SSR, Ser. khim. nauk 15 no. 3: 3-14 1965. (MIRA 18:11)

1. Submitted March 1, 1965.

EKSHTEYN I. M.

PUNIN, I.I.; MENDELEV, M.B.; EKSHTEYN, I.M.

Semi-woolen cloth with selvage of pure staple fiber. Tekst.prom.
14 no.9:41-42 g '54. (MLRA 7:11)
(Woolen and worsted manufacture)

EKSHTEYN, L.O., gornyy inzh.

Controlling the granulometric composition of the blasted
rock by means of redistributing the energy of the explosion.
Vzryv. delo no. 54/11:303-310 '64. (MIRA 17:9)

1. Upravleniye burovarnykh rabot tresta Donetsknerudstroy-
materialy.

EKSIN, G.G.

Mechanism for automatic complete expulsion of air from
press conveyer blocks. Obm. tekhn. opyt. [MLP] no.37:16-18
'57. (MIRA 12:9)

(Shoe machinery)

EKSLER, Isaak Borisovich

Geroicheski perelet. [The heroic flight]. Moskva, Gos. izd-vo, 1939. 126 p.incl. illus., (map) plates, ports.

"Rasskazyvaetsia o perelete iz Moskvy na Dal'nii Vostok. Grizodubovoi, Osipenko i Raskovoi...ustanovivshikh zhenskii mezhdunarodnyi rekord dal' nosti poleta po priamoi".

CtY

DIC: TL721.G67EA

SO: Soviet Transportation and Communications. A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

EKSINGER, Dragoslav
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Belgrade, Vasiona, No 4, 1960, pp 112-113.

Data: "Review of Interesting Publications Concerning the Moon."

34

EKSINGER, Dragoslav

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Vasiona, No 1, 1961, pp 11-12.

Data: "On the Cosmogony of Svante Arrhenius."

29

S/058/62/000/008/047/134
A061/A101

AUTHORS: Yaek, I. V., Eksina, T. I.

TITLE: Non-isothermal relaxation processes in KBr-Tl single crystals exposed to X-radiation and ultraviolet excitation

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 43, abstract 8V300 ("Tr. In-ta fiz. i astron. AN EstSSR", 1961, no. 15, 127 - 137; summary in English)

TEXT: Non-isothermal relaxation processes in deformed and non-deformed KBr-Tl crystals excited by X-rays and also by ultraviolet radiation in the region of activator and exciton absorption bands are intercompared. The causes of divergences in the course of the relaxation processes for different forms of excitation are discussed. ✓

[Abstracter's note: Complete translation]

Card 1/1

ACCESSION NR: AT4020804

S/2613/63/000/023/0189/0199

AUTHOR: Eksina, T. I.

TITLE: Cathode luminescence of crystalline phosphors activated with mercury-like ions

SOURCE: AN EstSSR. Institut fiziki i astronomii. Trudy*, no. 23, 1963, Issledovaniya po lyuminesentsii (Research in luminescence), 189-199

TOPIC TAGS: luminescence, cathode luminescence, phosphor, crystalline phosphor, phosphor luminescence, mercury-like luminescence activator, alkali halide luminescence, sulfide luminescence, silicate luminescence

AUTHOR: In recent years there has been a detailed study of the photoluminescence of alkali halide crystals and certain oxygen-containing compounds (phosphates, oxides), activated with so-called mercury-like ions (Ga^+ , Ge^{2+} , In^+ , Sn^{2+} , Tl^+ , Pb^{2+} and Bi^{3+}). Less well studied is the problem of the radioluminescence of alkali halide crystals with the mercury-like activators. Cathode luminescence, on the other hand, has been investigated, primarily, for phosphors of the type of sulfides and silicates and also for non-activated alkali halide salts. Some data is also available on the cathodoluminescence of certain alkali halide crystals activated with thallium. The author's purpose was to conduct a broader investigation of the cathode luminescence of crystalline phosphors

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