

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R001136810

BEGIN

APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R001136810C

REEL # 384

FROM: NEVOLIN, P.P.

KARPOV, Sergey Grigor'yevich; NEVOLIN, Pavel Pavlovich; SEMENENKO, P.A., red.; FOMICHEV, A.G., red.; izd-va; BOL'SHAKOV, V.A., tekhn. red.

[Universal carriage for machining external and internal spherical surfaces on lathes and shapers] Universal'nyi support dlia obrabotki naruzhnykh i vnutrennikh sfericheskikh poverkhnostei na tokarnom i strogal'nom stankakh. Leningrad, 1961. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriya: Mekhanicheskai obrabotka metallov, no.19) (MIRA 15:8)
(Lathes) (Shapers)

KARPOV, S.G.; NEVOLIN, P.P.

Universal carriage for machining spherical surfaces. Mashinostroitel'
no.5:24-25 My '63. (MIRA 16:7)

(Machine tools--Attachments)

NEVOLIN, T.

Transmission of radio waves selected by the radio communications regulations for the communication service of sailing ships. Mor. flot 24 no.8:18-19 Ag '64. (MIRA 18:9)

1. Vedushchiy inzhener nauchno-issledovatel'skogo otdela Leningradskogo vysshego inzhenernogo morskogo uchilishcha im. admirala Makarova.

3/058/61/000/008/041/044
A058/A101

6.4000

AUTHOR: Nevelin, T. N.

TITLE: Investigation of short-wave transmission conditions on some routes during increased solar activity

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1961, 333, abstract 8Zh433 ("Tr. Tsentr. n.-i in-ta morsk. fiziki", no. 30, 1960, 54-60)

TEXT: The author carries out an analysis of particular radio lines during increased solar activity. He compares theoretical and experimental data. In addition, he refines the method for determining optimum operating frequencies.

VB

[Abstracter's note: Complete translation]

Card 1/1

1870.111, T.R.

Study of the factors of short radio waves in radio communications
with ships. Trudy TSNIRP no. 15:1961, 1962. (1961-1962)

1. Sotrudnik-korrespondent "Central'nogo nauchno-issledovatel'skogo
instituta morskogo flota.

I 6:473-65

ACCESSION NR: AR5009872

pattern is nonmonotonous; at a range of 200--500 km. a signal attenuation is observed; at a frequency of 22 Mc, the audibility vanishes. The maximum audibility has been observed at 1000--2000 km. By using the curves supplied, the radio-communication possibility can be roughly established. Two illustrations.

Bibliography: 3 titles.

SUB CODES: EC

ENCL: 00

I. 27829-66 EEC(k)-2/EWT(d)/FSS-2 WS-2

ACCE NR: AT6005736

(N)

SOURCE CODE: UR/2752/64/000/055/0104/0111

AUTHOR: Nevolin, T. N. (Corresponding associate)

ORG: TsNIIMF

TITLE: Investigation of short-wave fading in shipborne radio communication 6

SOURCE: Leningrad: Tsentral'nyy nauchno-issledovatel'skiy institut morskogo flota. Trudy, no. 55, 1964. Sudovozhdeniye i svyaz' (Navigation and communication), 104-111

TOPIC TAGS: radio communication, short wave propagation, maritime radio, radio wave, wave propagation

ABSTRACT: The phenomenon of short-wave fading is explained in general terms. Results of an experimental investigation of fading of a radio communication between 4 ships and port are reported. The ships situated in the direction of Cuba were at 2700, 4700, 6700, and 8700 km from Leningrad; the 250-w shipborne transmitters operated at 8.3 Mc. The integral functions of distribution of probabilities of exceeding a specified level, for rapid fadings, are shown. The median field strengths measured in Leningrad were: 29, 6, 4, and 1.1 $\mu\text{v/m}$ for the four above distances, respectively. Single-, two-, and three-hop propagation is held responsible for these results. Plots of the number of fadings per minute vs. fading duration in seconds are presented for 6, 8, 12, 16 Mc and 5000--5500 km; they are based on many measurements. Diversity antennas with a spacing over 10λ are recommended as the best method of overcoming fading trouble. Orig. art. has: 6 figures, 2 formulas, and 2 tables.

SUB CODE: 17, 20 / SUBM DATE: none / ORIG REF: 002

Card 1/1 PB

UDC: 621.396.532:537-461.001.02

NEVOLIN, V.

Effectiveness of shipping petroleum by direct river-sea communication.
Rech. transp. 24 no.8:19 '65. (MIRA 18:9)

1. Zamestitel' nachal'nika sluzhby perevozok i dvizheniya flota
parokhodstva Volgotanker.

DONSKAYA, Ye.V., kand.tekhn.nauk; SHIROKOVA, V.N., kand.khimicheskikh nauk;
NEVOLIN, V.F.

Trilonometric determination of simultaneously present trivalent
iron and sulfate ion. Report No. 1. Trudy LTITSBP no.8:
127-128 '61. (MIRA 16:9)

(Iron--Analysis) (Sulfates)

ACCESSION NR: AP4020591

S/0057/64/034/003/0576/0576

AUTHOR: Nevolin, V.K.; Suyetin, P.Ye.

TITLE: Surface ionization of potassium incident to diffusion through a Globar rod

SOURCE: Zhurnal tekhicheskoy fiziki, v.34, no.3, 1964, 576

TOPIC TAGS: surface ionization, potassium ionization, potassium diffusion, diffusion through Globar, diffusion through carbon, Globar, potassium

ABSTRACT: Hitherto surface ionization of alkali metals diffusing through non-metallic porous materials has not been studied. Yu.Ya.Stavisskiy and S.Ya.Lebedev (ZhTF, 30,1222,1960) investigated surface ionization of Cs diffusing through tungsten.) Accordingly, in the present work there was investigated the temperature dependence of surface ionization of potassium diffusing out from the hollow core of a Globar rod (resistance element) manufactured by VEB Elektrokohle Lichtenburg (German Democratic Republic). The rod was colored light green and had a porosity of 16%; the wall thickness was 2 mm. The rod was heated by passage of direct current; the temperature was determined from the value of the current after calibration with the aid of a thermocouple. Secondary electrons were suppressed by a wide mesh grid. The

Card 1/2

ACC.NR: AP4020591

ion current was measured by means of a non-cooled ion collector. To eliminate intrinsic ion emission, the rod was outgassed by heating at about 1800°K for 30 hours. The vacuum was better than 3×10^{-5} mm Hg. The results for two rates of potassium consumption (not specified) are presented in a figure (see Enclosure). The ion current density at a K vapor pressure of about 1.6×10^{-1} mm Hg in the evaporator and a temperature of 1800°K was about 10 mA/cm². Orig.art.has: 1 figure..

ASSOCIATION: Ural'skiy politekhnicheskiy institut im.S.M.Kirova (Ural Polytechnic Institute)

SUBMITTED: 23 Aug63

DATE ACQ: 31Mar64

ENCL: 01

SUB CODE: PEI

NR REF SOV: 001

OTHER: 000

Card 2/3

POSTNOV, Anatolii Vasil'yevich, kand. tekhn. nauk; ATLAS, Boris Aleksandrovich, kand. ekon. nauk. Prinsipali uchastiye: SHAPOSHNIKOV, Ye.M., kand. tekhn. nauk; MATSVEYKO, A.N., inzh.; STOLBOV, A.G., inzh.; GDALEVICH, S.S.; ALEKSANDROV, V.V., inzh.; NEVOLIN, V.V., inzh. retsenzent; KUZNETSOVA, L.N., retsenzent; DROZDOV, B.M., nauchn. red.; MAKRUSHINA, A.N., red.

[Use of computing techniques in water transportation] Primenenie vychislitel'noi tekhniki na vodnom transporte. Moskva, Transport, 1965. 215 p. (MIRA 18:7)

1. Kafedra ekspluatatsii Novosibirskogo instituta inzhenerov vodnogo transporta (for Drozdov).

BAIROV, G.A., prof.; IG'AT'YEV, B.P.; NEVOLIN-LOPATIN, M.I.

Treatment of angiomatosis in childhood. *Pediatrics* 42 no.3:
9-13 Mr'63 (MIRA 17:2)

1. Iz kafedry khirurgii deitskogo vozrasta (zav. - G.A. Bairov)
Leningradskogo pediatricheskogo meditsinskogo instituta.

NEVOLEN-LOPATIN, M.I. (Leningrad, V.O., Bol'shoy pr., d. 1, kv.40)

Surgical treatment of a tumor of the posterior mediastinum in 7-year-old girl. Vest. khir. 74 no.5:80-81 J1-Ag '54. (MLRA 7:10)

1. Iz kafedry khirurgii detskogo vozrasta (zav. prof. A.V.Shatskiy) Leningradskogo gosudarstvennogo pediatricheskogo meditsinskogo instituta.

(MEDIASTINUM, neoplasms,
ganglioneuroma in child)

(GANGLIONEUROMA,
mediastinum, in child)

CHISTOVICH, G.V., kand.med.nauk; NEVOLIN-LOPATIN, M.I.

Treatment of lymphangiomas in children. Vest.khir. 86 no.3*72-76
Mr '61. (MIRA 1483)

1. Iz kafedry khirurgii detskogo vozrasta (zav. - doktor med.nauk
S.Ya. Deletskiy) Leningradskogo peditricheskogo meditsinskogo
instituta.

(LYMPHATICS---TUMORS)

NEVOLIN-LOPATIN, M.I.

Treatment of hemangiomas in children. Vop.okh.mat.i det. 7 no.7:
54-60 JI. '62. (MIRA 15:11)

1. Iz kafedry khirurgii detskogo vozrasta ispolnyayushchiy obyazan-
~~ost~~nyy zaveduyushchego - doktor med.nauk S.Ya.Dolétskiy) Leningradskogo
pediatricheskogo meditsinskogo instituta (dir. - prof. N.T.Shutova).
(ANGIOMA)

MALEYEVA, A.Z., mladshiy nauchnyy sotrudnik; NEVOLINA, L.V., mladshiy
nauchnyy sotrudnik

Technical and economic indices of the manufacture of women's
hosiery from warp-knit cloth. Tekst. prom. 24 no.2:16-17 F '64.

(MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut trikotazhnoy
promyshlennosti (VNIITP).

SHKREBKO, I.Ye., kand.ekonom.nauk, dotsent; Prinsipalni uchastnye: BYCHKOVA,
A.P., inzh.; VOYEVODIN, M.A., inzh.; KAZANTSEV, S.A., inzh.;
KONDAKOVA, A.A., inzh.; NEVOLINA, R.A., inzh.; CHARNYI, ~~S.S.~~, inzh.

Studying main trends in the mechanization of production at the
Krasnoural'sk Copper Smelting Combine. Trudy Ural. politekh.
inst. no.120:23-32 '61. (MIRA 16:6)
(Krasnoural'sk--Copper industry--Technological innovations)

NEVOL'NIKOVA, L.D.

Result of application of dimedrol in vasomotor rhinitis. Vest. otorino-
lar ., Moskva 15 no.3:41-44 May-June 1953. (CIAM 25:1)

1. Of the Division for Diseases of the Ear, Throat, and Nose (Head --
Candidate Medical Sciences P. A. Demidov), Central Polyclinic of the
Therapeutic Sanitary Administration of the Kremlin.

KLIK, Jan; NEVOLOVA, Dagmar

Current problems connected with the discharge of chronic
psychiatric patients. Cesk. psychiat. 57 no.2:112-115 '61.

1. Psychiatricka lecebna, Dobruany.
(MENTAL DISORDERS rehabil)

J
NEVOL'SKIKH, N.M.; OCHERETYANY, A.I.

Testing fan-type sprayers. Trakt. i sel'khozmas. no.12:28-31
D '59. (MIRA 13:3)
(Spraying and dusting equipment)

PROKOPENKO, S.F.; BURYI, Z.P.; BURD, V.S.; NEVOL'SKIKH, N.M.

A new model of blower-type sprayer for orchards. Zashch.rast.ot
vred.i bol. 5 no.2:11-12 F '60. (MIRA 15:12)
(Spraying and dusting equipment)
(Fruit—Diseases and pests)

KSYNKIN, G.E.; NEVOL'SKIKH, N.M., inzh.

For a high operating efficiency of blower-type sprayers. Zashch.
rast.ot vred.i bol. 5 no.7:16-18 J1 '60. (MIRA 16:1)

1. Direktor Severo-Kavkazskoy mashinostpyatel'noy stantsii
(for Ksynkin).

(Spraying and dusting equipment)

NEVOL'SKIKH, N.M., inzh.; OCHERETYANYI, A.I., agronom

Methods of determining the quality of spraying the leaf surface
of fruit trees with insecticides and fungicides. Trakt.i sel'khozmasb.
31 no.9:26-28 S '61. (MIRA 14:10)

1. Severo-Kavkazskaya mashinoispytatel'naya stantsiya.
(Spraying and dusting)

NEVOL'SKIY, G.

Book on auxiliary workers' labor organization. Sots. trud 8
no.12:148-150 D '63. (MIRA 17:2)

GRANOVSKIY, I. I.; NEVOL'SKIY, G. L.

Improve the organization of work planning and wages. Mashinostroitel'
no.7:40-41 J1 '62. (MIRA 15:7)
(Factory management)

NEVOL'SKIY, G.L.

Voluntary working systems. Mashinostroitel' no.3:36-38 Nr '63.
(MIRA 16:4)

(Technological innovations)

SEDLACEK, J.; NEVORAL, J.

Development of chick embryos after decapitation. Sborn. lek. 67
no.10:313-320 0 '65.

1. Fyziologicky ustav fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta prof. dr. F. Karasek, DrSc.).

NEVORAL, V.; OKAC, A., prof. dr. (Brno, Kotelarska 2)

Determination of lithium and sodium ions in mineral waters.
Cesk. farm. 14 no.7:342-346 S '65.

1. Vyzkumny ustav pro fysiatrii, balneologii a klimatologii,
Marianske Lazne, Kate'ra analyticky chemie prirodovedecke
fakulty University J.E. Purkyne, Brno.

CZECHOSLOVAKIA

CZECHOSLOVAKIA

NEVORAL, V.; OKAC, A.; Research Institute for Physiatics, Balneology and Climatology (Vyzkumny Ustav pro Fysiatrii, Balneologii a Klimatologii), Marianske Lazne; Chair of Analytical Chemistry, Faculty of Natural Sciences J.Ev. Purkyne University (Katedra Analyticke Chemie Prirodovedecke Fakulty UJEP), Brno.

"The Determination of Traces of Vanadium in Mineral Waters."

Prague, Ceskoslovenska Farmacie, Vol 15, No 5, Jun 66, pp 229-231

Abstract [Authors' English summary modified]: The method uses an acidified sample of water which is passed through a column of strongly acid polystyrene cation exchanger; V cations together with other cations are collected on the resin, and can be selectively eluted with diluted hydrogen peroxide as negatively charged complexes. The eluate is evaporated, and V determined photometrically using xylenol orange. V can be separated from: Na, K, Ca, Mg, Fe, Mn, Cu, Zn, Pb, Cd, Ni, Ag, In, Mo, Cr, Ti, Zr, Th, Nb, and Ta. 1 Figure, 2 Tables, 5 Western, 2 Czech references. (Manuscript received 3 Jan 66).

1/1

L 5109-66

ACC NR: AP6000248

SOURCE CODE: CZ/0005/65/059/002/0222/0222

AUTHOR: Mavoral, Vladislav; Hajkova, Gabriela

30 B

ORG: Research Institute for Physiatry, Balneology and Climatology, Mariánské Lázně
(Výzkumný ústav pro fyziatrii, balneologii a klimatologii)

TITLE: Determination of trace amounts of sodium in potassium salts

SOURCE: Chemické listy, v. 59, no. 2, 1965, 222-224

TOPIC TAGS: sodium, potassium compound, trace analysis, photometry

ABSTRACT: The method is based on flame photometry, after the K is separated using tetraphenyl boric acid on an ion exchanger. Modification using organic solvents in the elution solution to increase the column capacity is described. Orig. art. has: 2 figures, 2 tables. [JPRS]

SUB CODE: IC, GC / SUBM DATE: 27Apr64 / ORIG REF: 001 / OTH REF: 005

SOV REF: 001

Card 1/1

09010685

NEVOROTIN, A. I.

Methods of histochemical study of the hypophysis. Arkh. anat., gist.
i embr. 49 no.7:110-113 JI '65. (MIRA 18:10)

1. Laboratoriya eksperimental'noy gistologii i tsitologii (zav. -
chlen-korrespondent AMN SSSR prof. G.S. Strelin) Tsentral'nogo
nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta
Ministerstva zdравockhraneniya SSSR, Leningrad.

L 1622-66 EWF(m)

ACCESSION NR: AP5020837

UR/0020/65/163/004/0998/1000

32
21
B

AUTHOR: Nevorotin, A. I.

TITLE: Effect of irradiation on the cellular composition of the anterior lobe of the pituitary gland in relation to its function

SOURCE: AN SSSR. Doklady, v. 163, no. 4, 1965, 998-1000

TOPIC TAGS: experiment animal, radiation biologic effect, gland, cell physiology

ABSTRACT: In experiments on 100 white female rats of the Wistar line, half of the animals were gonadectomized 15 days prior to irradiation to compare the reactions of overly active pituitary gland anterior lobes with normally functioning anterior lobes of intact animals. The head of each animal was irradiated locally during the oestrous cycle with a 1530 r dose (RUM-3 unit, 180 kv, 17 ma, 0.5 mm Cu and 1.0 mm Al filters, focal length 24 cm, 180 r/min) and the rest of the animal's body was shielded by a 5 mm layer of lead. Animals were killed 7, 10, 15, 30, and 45 days later. The pituitary glands were weighed, fixed and prepared for microscopic examination to determine

Card 1/3

L 1622-66

ACCESSION NR: AP5020837

the number of alpha-, beta-, and delta-cells and chromophobes. Findings show that the irradiation reaction of the pituitary gland anterior lobe in intact and gonadectomized animals is characterized by radiation damage after 7 to 15 days followed by reparation. However, the shifts in gonadectomized animals are greater, with more significant destruction and reduction of cells followed by a less distinct increase in number of cells. The secretion of the overly active pituitary gland anterior lobe accelerated the radiation damage and the reparative processes, but the lower level of reparation is attributed to more serious damage of the gland. In gonadectomized animals where one function (gonadotrophic) of the anterior pituitary gland was sharply changed, a change in the functional activity occurred not only in the beta-basophilic cells primarily responsible for this function, but also in the other cell types serving other functions. Thus, the state of the functional activity of the pituitary gland anterior lobe largely determines the nature of the irradiation reaction of the gland. Orig. art. has: 1 figure.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskiy institut Leningrad (Central Scientific Research

Card 2/3

L 1622-66

ACCESSION NR: AP5020837

X-ray-Radiological Institute Leningrad)

SUBMITTED: 22Oct64

ENCL: 00

SUB CODE: LS

NR REF SOV: 002

OTHER: 001

Card 3/3

JD

ZHURAVLEVA, T.B.; NEVOROTIN, A.I.; PROCHUKHANOV, R.A.; PRYANISHNIKOV, V.A.;
KHARITONOVA, L.V. (Leningrad)

Changes in the hypophysial-adrenal system in disorders of the
balance of sex hormones; experimental study. Arkh. pat. 27
no.11:20-29 '65. (MIRA 18:12)

1. Kafedra patologicheskoy anatomii (zav. - prof. M.A.
Zakhar'yevskaya) I Leningr'dskogo meditsinskogo instituta
imeni I.P.Pavlova. Submitted February 14, 1964.

NEVOROTIN, V.

Using their own initiative. Mest.prom.i khud.promys. 2
no.3:11 Mr '61. (MIRA 14:4)

1. Glavnyy inzhener zavoda "Plastmass", Voronezh.
(Voronezh--Plastics industry)

ANTONYBERG, Yu.G. ka khim.nau'; N'VOI. LINA, E.I., 1964.

Lab. finds and majolica earthenware from local sites. (Y.P. 12.11)
Stek. i ker. st. no. 12:16-21. E. '64.

1. Otsudaratseyny issledovatel'skiy keramicheskyy muzei.

NEVOROV, Ye. N.

"Operation of Air-Breakers," Elek. Stan., no. 7, 1949. Engr.

NEVOROV, Ye. N., Eng.

Dynamos

Causes of the poor cooling of turbogenerators. Elek. sta. 24, no. 1, 1953.

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

NEVOROZFKIN, I.P., doktor meditsinskikh nauk; GERSHANOVICH, N.L., dotsent

Roentgenotherapy of chronic inflammatory processes of the accessory sinuses of the nose. Vest.oto-rin. 17 no.2:38-40 Mr-Apr '55.

(MLRA 8:7)

1. Iz kafedry rentgenologii (zav. prof. Yu.N.Sokolov) Tsentral'nogo instituta usovershenstvovaniya vrachey i kliniki bolezney ukha, nosa i gorla imeni Semashko Mostorzdrazvodtela (nauchnyy konsul'tant prof. T.I.Gordyashvskiy).

(SINUSITIS,

paranasal, ther., x-ray)

(RADIOTHERAPY, in various diseases,
sinusitis, paranasal)

NEVORCZHKINA, M.I., kandidat meditsinskikh nauk (Moskva)

Prevention of shortsightedness. Med. sestra no.11:6-9 H '55.

(MIRA 9:3)

(MYOPIA)

NEVOSAD, ZT

A study of errors in the position of points determined by intersection and resection.

p. 35 (Geodetický a Kartografický Sborník) 1957. Praha, Czechoslovakia.

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 1, Jan 1958

ACC NR: AP6031022

SOURCE CODE: UR/0109/66/011/009/1586/1588

AUTHOR: Nevostruyeva, L. I.; Stolpyanskiy, M. P.; Filatov, K. V.; Shteynshleyger, V. B.; *Lifanov, P. S.*

ORG: none

TITLE: A maser with a microcooler operating at 40°K

SOURCE: Radiotekhnika i elektronika, v. 11, no. 9, 1966, 1586-1588

TOPIC TAGS: maser, waveguide

ABSTRACT:

A ruby maser with a miniature closed-cycle cooler for operation at a temperature of 40°K is described (see Fig. 1). The resonator head (1) is a silver-coated ruby in the form of a parallelepiped with sapphire signal and pumping waveguides coupled to ordinary stainless-steel waveguides. The resonator is mounted between the poles of a

Card 1/4

UDC: 621.375.8

ACC NR: AP6031022

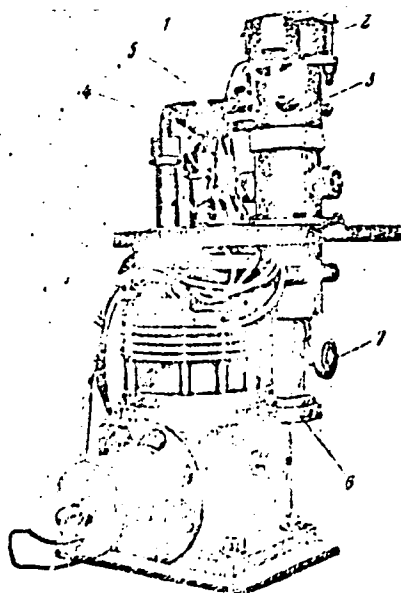


Fig. 1. Maser with microcooler

- 1 - Resonator head; 2 - magnet; 3 - support; 4 - microcooler cold zone tube; 5 - contact reed; 6 - air-tight flange of signal waveguide; 7 - air-tight flange of pumping waveguide.

miniature permanent magnet (2) rigidly attached to a support (3) which

Card 2/4

ACC NR: AP6031022

is maintained at normal temperature ($\sim 300^\circ\text{K}$). A copper reed (5) provides thermal contact between the cold zone (4) of the microcooler and the resonator head.

Total heat flux through the maser head is about 2 w at 10^{-3} mm Hg. By separating the resonator head from the waveguides, this heat flux is reduced to below 0.5 w.

The ruby maser was operated at the 3-cm wavelength in the push-pull mode. At a temperature of 40°K and with a chromium concentration in the ruby of 0.1% the quantity $(\sqrt{G}-1)\Delta f$ (G is the gain and Δf is the bandwidth), which determines the bandwidth characteristic of the amplifier, reached 19 Mc.

The observed dependence of gain on temperature (see Fig. 2) indicated that, with proper chromium concentration, variations in gain caused by changes in the microcooler temperature can be considerably reduced.

The measured noise temperature of the maser did not exceed 70°K , which was in agreement with the theory. Its amplitude characteristic was linear up to an input power level of $\sim 0.15 \mu\text{w}$ in the

Card 3/4

ACC NR: AP6031022

presence of a cw signal and up to an input energy level of 1.5×10^{-9} joule in the presence of a pulse signal of low repetition rate. No irreversible processes were observed, even in the presence of very strong pulse signals.

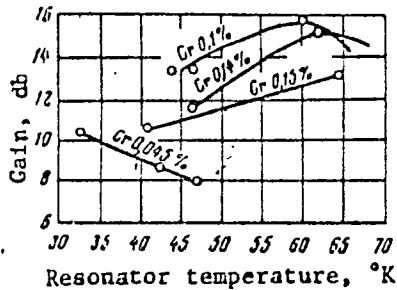


Fig. 2. Temperature dependence of maser gain

The maser was found to have a narrower transmission band and a higher noise temperature at 40° K than at liquid helium temperature. However, these disadvantages are offset by the economy and smaller size and weight of the maser. In addition, because of the relatively low noise level, high reliability, and physicochemical stability of the ruby crystal, the maser operating at 40° K can often match the performance of other types of low-

noise amplifiers. Orig. art. has: 3 figures. [FSB: v. 2, no. 8]

SUB CODE: 20 / SUBM DATE: 13Ju165 / ORIG REF: 004 / OTH REF: 003

Card 4/4

NEVOSTRUYEVA, L.S.

Studies on the cycle of development of *Echinostoma miyagawai* (Ishii, 1932), causative agent of echinostomiasis in the domestic fowl. Doklady akad. nauk SSSR 90 no.2:317-318 11 May 1953. (CML 24:5)

1. Presented by Academician K. I. Skryabin 4 March 1953. 2. All-Union Institute of Helminthology imeni K. I. Skryabin.

NEVOSTRUYEVA, L. S.

"Study of the Development Cycle of the Causative Agents of Echinostomiasis."
Cand Biol Sci, All-Union Inst of Helminthology, Moscow, 1954. (RZhBiol, No 3,
Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

NEVOSTRUYEVA, L.S.

Study of the developmental cycle of *Echinoparyphium recurvatum*
(Listow, 1873). Uch. zap. GGPI 48:160-161 '64.

(MIRA 18:4)

LITVINENKO, A.Ü.; kand.geolog-mineralogicheskikh nauk; NEVOYSA, G.G., inzh.

Material composition and problems of dressing Kerch deposit
iron ores. Trudy Inst. Chern. Met. AN URSR 12:68-78 '60.

(MIRA 14:5)

(Kerch Peninsula-- Iron ores)
(Ore dressing)

GUBIN, G.V. (Krivoy Rog); KUCHER, A.M. (Krivoy Rog); NEVOISA, G.G. (Krivoy Rog)

Thermal methods of treating Kerch ores for magnetic separation.
Izv. AN SSSR. Otd. tekhn. nauk. Ser. i topl. no.2:3-13 Mr-Apr '61.
(MIRA 14:4)

(Kerch Peninsula--Iron ores)
(Fluidization)
(Magnetic separation of ores)

NEVOYSA, G.G. [Nevoisa, H.H.]

Material structure of direct reduction concentrates of Kerch ores.
Dop.AN URSS no.2:229-233 '61. (MIRA 14;2)

1. Nauchno-issledovatel'skiy institut geologii Dnepropetrovskogo
universiteta. Predstavleno akademikom AN USSR V.G.Bondarchukom.
(Iron ores)

NEVOYSA, G.G.

Petrographic characteristics of brown and oolitic ores of the El'tigen-Ortel'skiy deposit of the Kerch iron-ore basin in connection with problems of their enrichment. Izv.vys.ucheb. zav.;geol. 1 razv. 4 no.8:33-42 Ag '61. (MIRA 14:9)

1. Dnepropetrovskiy nauchno-issledovatel'skiy institut geologii.

(Kerch Peninsula--Ore deposits)

NEVOYSA, G.G. [Nevoisa, H.H.]

Structural characteristics of iron ores in the Kerch deposit. Dop.
AN URSSR no.7:951-954 '61. (MIRA 14:8)

1. Nauchno-issledovatel'skiy institut geologii Dnepro-
petrovskogo gosudarstvennogo universiteta. Predstavleno
akademikom AN USSR V.G.Bondarchukom [Bondarchuk, V.H.].
(Kerch Peninsula--Iron ores)

NEVOYSA, G.G. [Nevoisa, H.H.]

Mineralogical composition and structural characteristics of concentrates of fallen particles from the magnetic separation brown ores in the Kerch deposit. Geol.zhur. 21 no.5:82-88 '61.
(MIRA 14:10)

1. Nauchno-issledovatel'skiy institut geologii Dnepropetrovskogo universiteta.

(Kerch Peninsula--Ores--Analysis)

MAKUTINSKIY, N.A.; NEVOZHA, G.G.

Some specific features of arsenic distribution in the iron ores
of Kerch. Dokl. AN SSSR 141 no.1:197-201 1961.

(Dokl. 14:11)

1. Maryshkurunski; zholozernykh kombinat. Predstavleno
akademikom N.N. Strakhovym.
(Kerch Peninsula--Iron ores)
(Arsenic)

BUSHUYEV, V.P.; GUBIN, G.V.; GONCHARENKO, Yu.I.; KARMAZIN, V.I.;
MARGULIS, V.S.; MITROV, V.A.; NIKOLAYENKO, N.O.; BOBRUSHKIN, L.G.;
BUROV, A.I.; RYBAKOV, V.N.; SOSHIN, A.F.; TATSIYENKO, P.A.;
TOVSTANOVSKIY, O.D.; YUROV, P.P.; Primali uchastiye:
NIFAGINA, A.A.; CHERNYI, I.I.; GERSHOYG, Yu.G.; KOSTIKOV, A.G.;
DOLGIKH, M.A.; MOVSKOVICH, S.A.; STUPIN, D.D.; NEVOYSA, G.G.

Magnetization roasting of Kerch ores in the experimental
factory of Kamysh-Burun Combine. Gor. zhur. no.12:30-37
D '62. (MIRA 15:11)

1. Institut Mekhanobrchermet, Krivoy Rog (for Bushuyev,
Gubin, Goncharenko, Karmazin, Margulis, Mitrov, Nikolayenko,
Nifagina, Chernyy, Gershoyg, Kostikov). 2. Kamyshburunskiy
zhelezorudnyy kombinat, Kerch' (for Bobrushkin, Burov,
Rybakov, Soshin, Tatsiyenko, Tovstanovskiy, Yurov, Dolgikh,
M.A.; Movskovich, S.A.; Stupin, D.D.; Nevoysa).
(Kerch Peninsula—Ore dressing)
(Iron ores)

BARISHPOLETS, Vladimir Trofimovich, dots., kand. tekhn. nauk;
TATSIYENKO, Pavel Afanas'yevich, kand. tekhn. nauk;
NEVOYISA, Grigoriy Grigor'yevich, kand. geol.-miner. nauk;
YUROV, Petr Panteleyevich

[Dressing of brown iron ores] Obogashchenie burykh zhelez-
niakov. [By] V.T.Barishpolets i dr. Moskva, Nedra, 1965.
201 p. (MIRA 18:6)

SHNYUKOV, Ye.F. [Shniukov, I.E.F.]; NEVOYSA, G.G. [Nevoisa, H.H.]

Zoning of Kerch ore deposits. Dop. AN URSR no. 1:761-764 '64. (MIRA 18:7)

1. Institut geologicheskikh nauk AN UkrSSR.

LEBEDEV, A.Ye.; ANTONOV V.K.; TATSIYENKO, P.A.; ARBUZOV, V.A.; NEVOYSA, G.G.;
Prinimail uchastiy: ZAPARENKO, V.I.; KARPOVETS, B.S.

Experience in the wintering of raw "potato"
ore. Sbor.trud. UNIM no. 11236. '65.

(MIRA 18:11)

Nevrala, J.

Plan of Czechoslovak standardization and its fulfillment. p. 253.
NORMALISACE. (Urad pro normalisaci) Praha. Vol. 3, no. 12,
Dec. 1954.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

NEVRALA, J.; JULIS, F.

NEVRALA, J.; JULIS, F. Preparation and subject content of the standardization plan for 1956. p. 146.

Vol. 4, no. 7, July 1955
NORMALISACE
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, no. 5, May 1956

NEVRALA, Jiri

Entering a new stage. Normalizace 11 no.1:1-2 Ja '63.

1. Urad pro normalizaci a mereni, Praha.

NEVRALA, Jiri

United Nations Conference on the Use of Science and Technology
for the Development of Underdeveloped Countries. Normalizace
ll no.4:119-120 Ap '63.

1. Urad pro normalizaci a mereni, Praha.

NEVRALA, Jiri, FENEK, Jaroslav, 1921.

Establishment of scientific, theoretical and methodological
bases of technical standardization. Normalizace 13 no.2:44-
46 F '65.

1. Institute of Standardization of the Council for Mutual
Economic Assistance, Moscow.

NEVRAYEV, A. T.

USSR/Nuclear Physics - Cosmic Rays
Hodoscope

11 Sept 49

"Study of Special Showers of Cosmic Rays With the Aid of a Hodoscope," D. N. Koroblev, A. L. Lyubimov, A. T. Nevrayev, Phys Inst imeni P. N. Lebedev, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXVIII, No 2

Used a hodoscope consisting of 176 counters, each connected to a neon lamp by a special circuit. Position of neon lamps on special panel corresponded to position of counters in the unit. Used no vacuum tubes, their function being fulfilled by neon lamps. Results are preliminary, since work with this unit is being continued. Submitted by Acad D. V. Skobel'tsyn 15 Jul 49.

PA 3/50T74

NEVEAYEV, G.A., kandidat meditsinskikh nauk.

Certain problems of reorganizing the work of health resorts and sanatoria on the basis of I.P.Pavlov's theories. Sov.med. 17 no.11:20-25 N '53.

(MLRA 6:12)

1. Zavednyushchiy Otdelom kurortnykh faktorov Gosudarstvennogo nauchno-issledovatel'skogo instituta fizioterapii (direktor - professor A.N.Obrosov).

(Health resorts, watering places, etc.) (Sanatoriums)

BEVRATNY, G.A.

Problems of functional reorganization of health resorts
and sanatoria on the basis of Pavlov's teaching. *Sovet. med.*
17 no.11:20-25 Nov 1953. (GML 25:5)

1. Candidate Medical Sciences, Head of the Department of
Health-Resort Factors of the State Scientific-Research
Institute of Physiotherapy (Director --Prof. A.N. Obrosov).

Nevrayev, G. A.

FD-1530

USSR/Medicine - Resorts and Sanatoria

Card 1/1 : Pub 102-1/14

Author : *Nevrayev, G. A.

Title : ~~Some questions on expansion of health resorts and sanatoria~~
Some questions on expansion of health resorts and sanatoria

Periodical : Scv. zdrav., 6, 3-12, Nov-Dec 1954

Abstract : All resorts and sanatoria now in operation in the USSR are overcrowded and the situation is getting worse. It is necessary to start construction of suburban resorts, near large industrial and agricultural centers; many such centers have valuable balneological resources available. Construction of resorts in Altay Kray and North Caucasus is also suggested since there are large areas of virgin and idle lands in those regions. Since development of morphological changes within organs and systems of human body precede the period of their functional disturbances, it is necessary to check pathological processes before irreversible morphological changes begin to develop. Resorts and sanatoria serve as a powerful means of treatment and prevention of various pathological processes in a human organism.

Institution : (*Director) Division of Balneological Factors, Scientific Research Institute of Physiotherapy, Ministry of Health, RSFSR (Professor A. M. Obrosova, Director)

ABRIKOSOV, I.A.; NEVRAJEV, G.A.

[Physiotherapy; textbook] Fizioterapiia; uchebnik pod obshchei
red. G.A.Nevraeva. Moskva, Medgiz, 1955. 365 p. (MLRA 9:4)
(THERAPEUTICS, PHYSIOLOGICAL)

NEVRAYEV, G.A.

Resort therapy in the Polish People's Republic. Vop.kur.fizioter
i lech.fiz. kul't no.2:71-79 Ap-Je '55. (MLRA 8:8)
(BALNEOLOGY,
in Poland)

VARIN, I.Ye.; NEVRAYEV, G.A.

Survey of work on resort problems, carried out in 1954 at medical
and research institutes and at resorts of the R.S.F.S.R. Vop.kur.
fizioter. i lech.fiz.kul't. no.4:82-86 O-D '55. (MIRA 12:12)
(HEALTH RESORTS, WATERING PLACES, ETC.)

MANIKOV, M.Ye.; NEVRAJEV, G.A.

Congress of balneologists in the Polish People's republic. Vop.kur.
f'zioter. i lech.fiz.kul't. 21 no.1:74-77 Ja-Mr '56. (MLRA 9:9)
(POLAND--HYDROTHERAPY)

NEVRAYEV, G.A. *Physiology*

Health resorts, sanatoria and rest homes in the Ukrainian S.S.R.;
a bibliographical index. Reviewed by G.A.Nevraev. Vop.Kur.fizioter.
i lech.fiz.kul't. 21 no.1:82-83 Ja-Mr '56. (MIRA 9:9)
(BIBLIOGRAPHY--HEALTH RESORTS, WATERING PLACES, ETC.)

MAHIKOV, H.Ye.; NEVRAYEV, G.A.

Indications and contraindications for health resort treatment in the
Polish People's Republic. Vop.kur.fizioter. i lech.fiz.kul't. 21 no.4:
99-100 G-D '56.

(POLAND—THERAPEUTICS, PHYSIOLOGICAL)

(MLBA 9:12)

NEVRAYEV, G.A.

YEREMENKO, S.; NEVRAYEV, G.A.

Basic problems in the improvement of the treatment and services for
outpatients in health resorts and new tasks for health resort out-
patient clinics. Vop.kur., fizioter. i lexh.fiz.kul't. 22 no.2:
3-9 Mr-Apr '57. (MIRA 11:1)
(HEALTH RESORTS, WATERING PLACES, ETC.)

NEVRAYEV, G.A.

VARIN, I.Yo.; NEVRAYEV, G.A.; SAMSONOV, M.A.

Fourteenth All-Union Conference of Theraputists. Vop.kur., fizioter.
i lech. fiz.kul't. 22 no.2:85-95 Mr-Ap '57. (MIRA 11:1)
(MEDICINE)

№178440V/6 4.

№178440V/6 4.

Health resorts and sanatoria in the Soviet Union. Vop.kur.,fizioter.
i lech.fiz.kul't. 22 no.5:3-13 S-0 '57. (MIRA 11:2)

1. Tsentral'nyy institut kurortologii.
(HEALTH RESORTS, WATERING PLACES, ETC.)

NEVRAYEV, G. A. (Dr. Prof.)

(Moscow)

"Sit-ne proponesis mechanismorum thermoregulationis elementum,"

paper submitted for the International Balneological Congress, Czechoslovakia,
8-13 Sept 1958.

NEVRAYEV, G.A.

Local initiative in the expansion of balneological therapy
and the resort and sanatorium system. Vop.kur.,fizioter. i lech.
fiz.kul't. 23 no.5:385-389 S-O '58 (MIRA 11:11)

1. Zaveduyushchiy otdelom izucheniya kurortnykh resursov
TSentral'nogo instituta kurortologii (dir. - kand.med.nauk
G.N. Pospelova).

(HEALTH RESORTS, WATERING PLACES, ETC)

NEVRAYEV, G.A. (Moskva)

General theory of the action of health resort factors or the
general theory of health resort therapy. Vop. kur., fizioter.
i lech. fiz. kul't. 24 no.6:551-555 N-D '59. (MI.A 15:1)
(THERAPEUTICS, PHYSIOLOGICAL)

NEVRAYEV, G. A. (Prof. Dr.)

"Balneologische Wertung verschiedener Typen von ~~MMXX~~ Heilschlamm."

report submitted for the 7th Intl. Cong. of Moorland Research Frankskovy Lagne/
Franzensbad-Prague, 15-19 Sep 60.

NEVRAYEV, G.A., prof.; VINOGRADOVA, M.R., vrach

Batalinskaya. Zdorov'e 6 no.9:30-31 S '60.

(PYATIGORSK—MINERAL WATERS, SULPHUROUS)

(MIRA 13:3)

NEVRAYEV, G.A.; MANIKOV, M.Ye.

Balneological reaction from the point of view of the balneologists
of different countries. Vop.kur.,fizioter.i lech.fiz.kul't. 25
no.1:71-76 '60. (MIRA 13:5)

(HYDROTHERAPY)

CHUBUKOV, L.A.; NEVRAYEV, G.A.

Climatotherapeutic significance of the most important classes of local weather. Vop. kur. fizioter. i lech. fiz. kul't. 25 no. 3:193-202
My-Je '60. (MIRA 14:4)

1. Iz Instituta geografii AN SSSR i Gosudarstvennogo inatituta
kurortologii i fizioterapii v Moskve.
(CLIMATOLOGY, MEDICAL)

ORLOV, N.V.; NEVRAYEV, G.A.; ABROSIMOVA, Ye.K.; BAKHMAN, V.I.; KRYUCHKOVA,
N.P.; MALAKHOV, A.M.; OVSYANIKOVA, K.A.; SEROV, S.I.; FEDOTOV,
I.F.; SHEFER, D.G.; SHUSHAKOV, A.P.

V.V. Epshtein; obituary. Vop. kur. fizioter. i lech. fiz. kul't.
25 no. 5:478-479 S-0 '60. (MIRA 13:10)
(EPSHTEIN, VLADIMIR VASIL'EVICH, 1902-1960)

NEVRAYEV, G.A.

Balneologic evaluation of various types of therapeutic muds (peloids).
Vop. kur., fizioter. lech. fiz. kul't. 26 no.5:385-390 S-0 '61.

(MIRA 14:11)

1. Rukovoditel' Otdela izucheniya kurortnykh resursov Tsentral'nogo
instituta kurortologii i fizioterapii (dir. G.N.Pospelova).
(EARTHS, MEDICAL AND SURGICAL USE OF)

BAYBAKOVA, Ye.M.; NEVRAYEV, G.A.; CHUBUKOV, L.A.; MAKRUSHINA, Ye.A.,
red. izd-va; PEN'KOVA, S.A., tekhn. red.

[Map of the climatic structures of health resorts of the
U.S.S.R.] Karta struktur klimata kurortov i lechebnykh me-
stnostei SSSR. Moskva, Gosgeoltekhizdat, 1962. ___ [Expla-
natory brochure] Ob"iasnitel'naia zapiska. 85 p.

(MIRA 16:3)

1. Moscow. Tsentral'nyy institut kurortologii i fizioterapii.
(CLIMATOLOGY, MEDICAL)

GRADCV, G.A.; KALININA, G.F.; MODEL', A.M.; NEVRAYEV, G.A.; SAMOYLOV, A.V. [deceased]; SVIRSKIY, V.A.; KOSITSKIY, Ya.V., kand. srkhit., nauchnyy red.; MANIKOV, M.Ye., kand. med. nauk, nauchnyy red.; MOROZOVA, G.V., red.; BRUSINA, L.N., tekhn. red.

[Sanatoriums and rest homes; manual on designing] Sanatorii i doma otdykha; posobie po proektirovaniu. Moskva, Gosstroizdat, 1962. 223 p. (MIRA 15:7)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdaniy i sooruzheniy.

(Sanatoriums) (Labor rest homes)

VINOGRADOVA, M.R.; NEVBAYEV, G.A.

Problems in treatment by the drinking of mineral waters. Vop.kur.,
fizioter.i lech.fiz.kul't. 27 no.3:266-272 My-Je '62.

(MIRA 15:9)

(MINERAL WATERS)

NEVRAJEV, G. A.

~~SECRET~~
"Problem of balneological use of peat in the USSR."

Report submitted for the 2nd International Peat Congress, Leningrad,
15-22 Aug 63.

NEVRAYEV, G.A.; OLEFIRENKO, V.T.

Effect of the chemical composition of water on the thermal action of water baths. Report No. 1: Effect of hot freshwater and carbon dioxide baths. Vop. kur., fizioter. i lech. fiz. kul't. no.6:503-509 '63. (MIRA 17:8)

1. Iz bal'neoterapevticheskogo otdela (zav. - prof. Kh.M. Freydin) Tsentral'nogo instituta kurortologii i fizioterapii (dir. - kand. med. nauk G.N. Pospelova).

NEVRAYEV, G.A., red.; BAKHMAN, V.I., red.; LAMUDINSKI, V.I.,
red.; GAVRILOV, N.A., red.; KAZAN, V.V., red.

[Materials on the study of mineral waters
and muds and on balneology. Materialy po izucheniyu
lechebnykh mineralnykh vod i kuznetovskoy balneotekhnike.
Moskva, 1966. 144 p. (MIRA 18:1)]

1. Moscow. Tsentralnyy nauchno issledovatel'skiy institut
kurortologii i fizioterapii. Priborostroyeniye kurortnykh
resursov Tsentralnogo nauchno issledovatel'skiy i fiziotera-
pii (for Bakham).

YANOVSKIY, Petr L'vovich; NEVRAYEV, G.A., kand. med. nauk,
retsensent; KUSSOVA, O.N., red.

[Mineral waters of the U.S.S.R.; bottled] Mineral'nye
vody SSSR; razlivaemye v butylki. Izd.3., dop. i perer.
Moskva, Pishchevaia promyshlennost', 1964. 163 p.
(MIRA 17:10)

IVANOV, V.V.; NEVRAYEV, G.A.; TOLSTIKHIN, N.I., retsenzent;
BAKHMAN, V.I., retsenzent; BOLASHOV, L.S., retsenzent;
BEDER, B.A., retsenzent; VALEDINSKIY, V.I., retsenzent;
OBROSOV, A.N., prof., otv. red.

[Classification of underground mineral waters] Klassifi-
katsiia podzemnykh mineral'nykh vod. Moskva, Nedra, 1964.
166 p. (Ocherki po mineral'nykh vodam SSSR, no.1)

(MIRA 18:4)

1. Chlen-korrespondent AMN SSSR (for Obrosov).