30680
S/141/61/004/004/009/024
E032/E314

Resonance Reflection ....

$p - q = 5\pi/l$; $p - q = 2\pi/l$; $p - q = \pi/l$ and $p = q$.

It follows from this figure that the corresponding harmonics in
the reflected wave are monotonically amplified in the direction
from the output to the input. The analysis is then continued
to evaluate corrections to the power due to the reflected waves,
and in order to do that, the second approximation is introduced.
In view of the difficulties associated with the general
integral

$$U_1^2 = \frac{1}{2} m \left(n_0 + \frac{1}{a} \right) \Omega \int_0^x \sin(\Omega\eta) \, U_2^1 \, dx. \tag{16}$$

the discussion is limited to the most interesting case, where
the resonance condition (13) is satisfied. Here,

$$U_1^2 = M \left(\zeta - \frac{\zeta^2}{2} \right) E_0 \cos \Theta, \quad M = \frac{1}{16} (a^2 n_0^2 - 1)(mK)^2 \tag{17}$$

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S/141/61/004/004/009/024
E032/E314

Resonance Reflection ....

where $\quad = \omega_0(t - n_0 x) + \quad_0$ and $\zeta = x/$. It is then shown that the approximate solution can be expressed in the form of the series:

$$U_1 = \left(\sum_{k=0}^{\tilde{}} a_k M^k \right) E_0 \cos\theta, \qquad U_2 = \Gamma \left(\sum_{k=0}^{\tilde{}} b_k M^k \right) E_0 \sin\theta_1, \qquad (19)$$

where the coefficients a_k and b_k are given by:

$$a_k(\zeta) = \int_0^\zeta d\zeta_{2k} \int_{\zeta_{2k}}^1 d\zeta_{2k-1} \cdots \int_0^{\zeta_3} d\zeta_2 \int_{\zeta_2}^1 d\zeta_1, \quad b_k(\zeta) = \int_\zeta^1 a_k d\zeta.$$

Analysis of the results obtained leads to the conclusion that there are two physically different effects. The first of these is associated with the velocity modulation of the signal and this may become important when the velocity of propagation of the signal and the parameter wave approach each other. In the

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5/141/61/004/004/009/024
E032/E314

Resonance Reflection ....

case of a weakly-dispersing system, this leads only to a
transformation of the form and spectrum of the signal and
none of the monochromatic components can be amplified. The
second effect is concerned with the reflection of the wave,
i.e. the change in the wave impedance ζ. This effect is of
resonance character and may lead to the amplification (and
generation) of a monochromatic signal in a non-dispersing
system with fixed parameters. Acknowledgments are expressed
to V.A. Zverev for advice and discussions. There are
3 figures and 7 references: 4 Soviet and 3 non-Soviet.
The three English-language references quoted are: Refs. 2, 3
(quoted in text) and 7 - L.M. Manley, H.E. Rowe - Proc. IRE,
44, 904, 1956.

ASSOCIATION: Nauchno-issledovatel'skiy radiofizicheskiy
                institut pri Gor'kovskom universitete
                (Scientific Research Radiophysics Institute of
                Gor'kiy University)

SUBMITTED: December 15, 1960

Card 9/10

STEPANOV, N. S.

Reflection of waves by an arbitrary moving inhomogeneity. Izv.
vys. ucheb. zav.; radiofiz. 5 no.5:908-916 '62.
(MIRA 15:10)

1. Nauchno-issledovatel'skiy radiofizicheskiy institut pri
Gor'kovskom universitete.

(Waves) (Plasma(Ionized gases))

STEPANOV, N.S.

Note on a parametric phenomenon in acoustics. Akust.zhur. 8
no.1:139-140 '62.   (MIRA 15:4)

1. Nauchno-issledovatel-skiy radiofizicheskiy institut pri
Gor'kovskom gosudarstvennom universitete.
                        (Sound waves)

STEPANOV, N.S.

Geometric optics approximation for space charge waves. Izv. vys.
ucheb. zav.; radiofiz. 6 no.1:112-118 '63.   (MIRA 16:7)

1. Nauchno-issledovatel'skiy radiofizicheskiy institut pri
Gor'kovskom universitete.
                    (Optics, Geometrical) (Electronics)

L 14520-63   EWT(1)/EWG(k)/BDS/EEC(b)-2/ES(w)-2   AFFTC/ASD/ESD-3/
AFWL/SSD   Pi-4/Po-4/Pab-4/Pz-4   AT/IJP(C)

ACCESSION NR: AP3004832   S/0141/63/006/003/0461/0468

AUTHOR: Stepanov, N. S.

TITLE: Parametric amplification of transverse electromagnetic waves in plasma
with periodically changing electron concentration

SOURCE: IVUZ. Radiofizika, v. 6, no. 3, 1963, 461-468

TOPIC TAGS: plasma, electromagnetic wave, wave propagation, transverse wave,
isotropic plasma, plane wave

ABSTRACT: The propagation of a plane transverse wave in isotropic plasma with an
electron concentration varying according to the traveling-wave law is investi-
gated. It is demonstrated that it is possible to excite both backward (reflected)
and direct waves in plasma if certain resonance conditions which depend on the
ratio of the wave velocity and the group velocity of the incident wave are ful-
filled. The interaction between the excited and the incident waves leads to
attenuation of the latter if the parameter wave velocity is less than the velocity
of light in the medium in the absence of plasma, in which case the signal energy.

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ACCESSION NR: AP3004832

2

is transferred to the excited-wave frequency; in the opposite case, both waves are amplified. "In conclusion the author thanks V. V. Zhelezny*kov for checking the manuscript and for his valuable remarks." Orig. art. has: 20 formulas and 1 figure.

ASSOCIATION: Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete (Scientific Research Institute of Radio Physics at Gor'kiy University)

SUBMITTED: 13Oct62   DATE ACQ: 27Aug63   INCL: 00.

SUB CODE: PH   NO REF SOV: 006   OTHER: 002

Card 2/2

OSTROVSKIY, L.A.; STEPANOV, N.S.

Parametric generation of electromagnetic waves in a magnetoactive
plasma. Zhur. eksp. i teor. fiz. 45 no.5:1473-1478 N '63.
(MIRA 17:1)

1. Radiofizicheskiy institut Gor'kovskogo gosudarstvennogo
universiteta.

STEPANOV, N.S., kand. sel'skokhoz. nauk

Effect and aftereffect of urea on the yield and quality of
wheat grain. Agrobiologiia no.3:425-430 My-Je '65;
(MIRA 18:11)

1. Ul'yanovskiy sel'skokhozyaystvennyy institut, g.
Ul'yanovsk.

AUTHOR: Stepanov, N.V., Engineer   SOV-118-58-7-13/20

TITLE: A Mechanism for the Pneumatic Moving of Bulk Goods (Ustroyst-
            vo dlya pnevmaticheskogo transportirovaniya sypuchikh materi-
            alov)

PERIODICAL: Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1958, Nr 7,
            pp 34-36 (USSR)

ABSTRACT: Compared with the mechanical method of moving loose goods, the
            main deficiency in pneumatic moving, is the high consumption
            of electric energy. The Vsesoyuznyy nauchno-issledovatel'skiy
            institut pod"yemno-transportnogo mashinostroyeniya (All-Union
            Scientific Research Institute of Lifting and Transportation
            Machine Construction - VNIIPTMASh) has now developed a method
            of leading powder-like and granular material into the tubing
            of pneumatic mechanisms; while the old method consisted of in-
            jecting the material into the tubing, the new method works on
            the principle of aerating the loose material and turning it
            into a fluctuating state. Subsequently the air current carries
Card 1/2   the material into the tubing. The institute has also developed

A Mechanism for the Pneumatic Moving of Bulk Goods   SOV-118-58-7-13/20

various designs of semi-automatic pneumatic lifting mechanism,
described in the article. The new non-injection method has
started a new phase in pneumatic transportation. There are
2 schematic drawings, and 1 table.

1. Materials--Handling   2. Pneumatics--Applications

Card 2/2

STEPANOV, N.V.

Laplace transform in a space of straight lines.   Izv. vys. ucheb.
zav.; mat. no.3:127-135 '61.   (MIRA 14:7)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
            (Laplace transformation)
            (Congruences (Geometry))
            (Spaces, Generalized)

STEPANOV, N.V.

Geometry of two ordinary differential equations of the second order.
Dokl. AN SSSR 140 no.1:62-65 S-O '61.   (MIRA 14:9)

1. Velikolukskiy gosudarstvennyy pedagogicheskiy institut. Pred-
stavleno akademikom P.S.Aleksandrovym.
                        (Differential equations)

DIKIS, Mikhail Yakovlevich; MAL'SKIY, Aleksandr Nikolayevich; RABINER,
N.Ya., kand. tekhn. nauk, retsenzent; STEPANOV, N.V., inzh.,
retsenzent; KHMEL'NITSKAYA, A.Z., red.; SATAROVA, A.M.,
tekhn. red.

[Equipment of canning plants] Oborudovanie konservnykh zavo-
dov. Izd.3., dop. i perer. Moskva, Pishchepromizdat, 1962.
468 p.   (MIRA 16:4)
    (Canning industry--Equipment and supplies)

STEPANOV, N.V.

Laplace transforms in conformal space. Uch. zap. Velikolut.
gos. ped. inst. no.16:3-16 '61.
(MIRA 16:7)

(Geometry, Differential—Projective)
(Laplace transformation)

ACC NR: AP7005751   *(A)*   SOURCE CODE: UR/0126/67/023/001/0028/0036

AUTHOR: Alekseyevskiy, N. Ye.; Ivanov, O. S.; Rayevskiy, I. I.; Stepanov, N. V.

ORG: Institute of Metallurgy im. A. A. Baykov, Academy of Sciences SSSR (Institut metallurgii)

TITLE: Phase diagram of the niobium titanium-zirconium system and superconducting properties of its alloys

SOURCE: Fizika metallov i metallovedeniye, v. 23, no. 1, 1967, 28-36

TOPIC TAGS: niobium, titanium, zirconium, ~~system, niobium titanium zirconium alloy~~, alloy phase diagram, ~~alloy phase composition~~, alloy ~~structure~~ *System, Superconducting alloy*

ABSTRACT: A study has been made of several alloys of the niobium-titanium-zirconium system at five sections with a constant niobium content of 6, 12, 30, 50 and 70%. Alloys were melted from 99.7%-pure iodide zirconium, 99.8%-pure iodide titanium and 99.7%-pure cermet niobium. Phase diagrams of the system at 500, 550, 600 and 800°C were plotted on the basis of obtained data. It was found from the phase diagrams that the area of splitting into two solid solutions $\beta_{Nb} + \beta_{Zr}$ gradually narrows with the introduction of titanium

UDC: 669.017:537.312.62

Card 1/3

ACC NR: AF7005751

into the alloys. At temperatures below 525°C, ternary alloys of the area
adjacent to the niobium corner of the system are in a two-phase state
β_{Nb} + α_{Ti-Zr}. The one-phase area of β_{Nb}-solid solution at 550—500°C
juts out into the ternary system along the line bisecting the niobium angle
of the diagram. An even decrease of the critical temperature of transition
to the superconducting state was observed in alloys which were in the state
of β-solid solution and were subjected to a high degree of cold deformation
(96% reduction). At a complete replacement of zirconium with titanium, this
decrease was 1—2°K (see Fig. 1). In sections at 30 and 50% (Ti + Zr) of
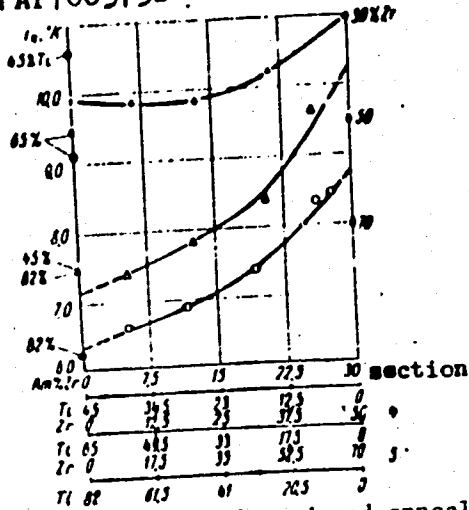
Card 2/3

ACC NR: AP7005751

Fig. 1. Composition dependence of the temperature of transition to the super-conducting state for alloys of the niobium-titanium-zirconium system

▲ - [6] Cast specimens; ● - [5] cold deformation (96% reduction); sections:
+ - 3; Δ - 4, o - 5.

alloys cold-deformed and annealed at 550°C, only a small decrease of critical current density in a field of 20,000 oersteds was noticed when about half the zirconium was replaced with titanium. Orig. art. has: 10 figures and 2 tables.

[TD]

SUB CODE: 11/ SUBM DATE: none/ ATD PRESS: 5117

Card 3/3

STEPANOV, Nikolay Vasil'yevich

[Eye diseases of domestic animals] [Glaznye zabolevaniia domashnikh zhivotnykh. Tbilisi, Gos.izd-vo "TSodna" M-va kul'tury Gruzinskoi SSR] 1963. 134 p. [In Georgian]
(MIRA 17:5)

STEPANOV, O.D.

Photoelectric instruments for measuring and controlling the color of colored surfaces. Priborostroenie no.6:18-19 Je '57. (MLRA 10:7)
(Photoelectric measurements) (Colorimeters)

SMIRNOV, V, C.D., Cand Tech Sci--(diss) "Objective method of measuring and control of the color of painted surfaces."Len, 1958. 12 pp (Min of Higher Education USSR. Len Order of Labor Red Banner Construction Engineering Inst. Chair of Physics), 150 copies (KL, 48-58, 125)

S/271/63/000/003/004/049
A060/A126

AUTHOR: Stepanov, O.D.

TITLE: Photoelectric method for quality-control of a metal screen

PERIODICAL: Referativnyy zhurnal, Avtomatika, telemekhanika i vychislitel'naya
              tekhnika, no. 3, 1963, 26, abstract 3A143 (In collection "Fizika",
              Leningrad, 1962, 58 - 62)

TEXT: The author considers a new photoelectric method for the quality-
-control of metal screens during the process of their production on machine
tools. The method of cell control is based on the non-linear character of the
phototube emf variation as a function of the illumination. A derivation is giv-
en of the equation which makes it possible to calculate the variation in the
value of the emf of the phototube as a function of variations in the illumina-
tion of its surface, caused by the presence of defects in the screen. The re-
sults of the experimental data coincide with the theoretical values with suffi-
cient working accuracy. The technical data for the separate components are giv-
en and the circuits of the device are described.
[Abstracter's note: Complete translation]   A. V.
Card 1/1

GORFMAN, A.I., kand. tekhn. nauk, dots.; DEMBO, L.M., kand.
tekhn. nauk, dots.; LEVIN, M.V., inzh.; STEFANOV, O.D.,
kand. tekhn. nauk, dots., nauchn. red.

[Principles of automatic control and automated electric
drives in the construction industry] Osnovy avtomatiki i
avtomatizirovannogo elektroprivoda v stroitel'stve. Le-
ningrad, Stroiizdat, 1964. 348 p.   (MIRA 18:1)

L 41715-65

ACCESSION NR: AR5008417   UR/0058/65/000/001/D086/D086

SOURCE: Ref. zh. Fizika, Abs. 1D667   5
                                                              B

AUTHOR: Stepanov, O. D.

TITLE: Estimate of a difference in colors by means of one number

CITED SOURCE: Fizika. Dokl. na 22 Nauch. konferentsii. Leningr. inzh.-stroit. in-t. L., 1964, 34-37

TOPIC TAGS: colorimetric analysis, color difference, color brightness, color purity/ FTs-1

TRANSLATION: It is noted that all the known methods of estimating color differences possess a common shortcoming in that the color calculations are carried out on a plane two-dimensional color graph. In practice, however, when estimating color differences, it becomes necessary to deal with colors that differ both in brightness and in color tone or purity. It is shown that Euclidean geometry does not permit, in principle, to define color differences uniquely by means of one

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L 41715-65
ACCESSION NR: AR5008417 0

number. Therefore it is proposed to estimate the color differences by starting
from the concepts of curvilinear Riemanian geometry. The aggregate of the three
variables defining the color of the object can be regarded as a point in Riemanian
space, and an equation can be derived for the geodetic line that defines the color
difference. The square of the linear element in Riemanian space determines the
color difference for each variable. The total color difference ΔL is equal to the
sum of two integrals $(\Delta L_B)^2 + (\Delta L_{\lambda,p})^2$, where ΔL_B is the color difference in terms
of brightness, and $\Delta L_{\lambda,p}$ is the color difference in terms of color tone and puri-
ty. The calculation of the integrals along the geodetic line, with allowance for
the Weber-Fechner law, yields for the summary color difference a unique expres-
sion that contains the three color coordinates and the brightness coefficients
calculated in terms of the principal colors of the red, green, and blue system
for the FTs-1 photoelectric colorimeter. P. Sosenko.

SUB CODE: OP   ENCL: 00

Card 2/2

L 02310-67

ACC NR: AR6016565   SOURCE CODE: UR/0196/65/000/012/V008/V008

3/
B

AUTHOR: Stepanov, O. D.

TITLE: Analytic determination of the spectral sensitivity of color-sensitive radiation receivers

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 12V34

REF SOURCE: Sb. Fizika. Dokl. k XXIII Nauchn. konferentsii Leningr. inzh.-stroit. in-ta. L., 1965, 99-101

TOPIC TAGS: radiation sensitivity, color, photoelectric cell, radiation receiver

ABSTRACT: An analytical method is proposed for calculating curves for the spectral sensitivity of photoelectric radiation receivers (a photocell with corrective light filter) which reproduce summation curves $x(\lambda)$, $y(\lambda)$, $z(\lambda)$ of the ICI standard observer. Experimentally determined nodes are used for the calculation. The relative error of the calculated values is less than 3%. 2 tables, bibliography of 3 titles. G. L'vina. [Translation of abstract]

SUB CODE: 20/18,

Card 1/1   UDC: 535.647.001.24:535.643.2:535.653.3

10.7100

21368
S/021/61/000/012/005/011
D251/D305

AUTHOR: Stepanov, O. Ye.

TITLE: Solving the plane case of the theory of elasticity by
               electric simulation

PERIODICAL: Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 12,
               1961, 1575-1578

TEXT: The author proposes a method for solving biharmonic equations of the theory of elasticity by means of an electronet model with balancing. The equations are written in finite differences, and, after simplification, assume the form

$$12\varphi_0 - 2(\varphi_5 + \varphi_6 + \varphi_7 + \varphi_8) - (\varphi_9 + \varphi_{10} + \varphi_{11} + \varphi_{12}) = \Phi_0 \qquad (3)$$

$$32\varphi_0 - 8(\varphi_1 + \varphi_2 + \varphi_3 + \varphi_4) = \Phi_0 \qquad (4)$$

where Φ_0 is some unknown function. (3) and (4) are simulated by

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S/021/61/000/012/005/011
Solving the plane case ...   D251/D305

two networks with active resistances, whose equations are

$$\frac{4\Psi_0 - \Psi_5 - \Psi_6 - \Psi_7 - \Psi_8}{r_2} + \frac{4\Psi_0 - \Psi_9 - \Psi_{10} - \Psi_{11} - \Psi_{12}}{r_3} + \frac{\Psi_0 - U_0}{R} = 0 \quad (5)$$

and

$$\frac{4\Psi_0 - \Psi_1 - \Psi_2 - \Psi_3 - \Psi_4}{r_1} + \frac{\Psi_0 - U_0}{R} = 0 \quad (6)$$

respectively, where Ψ_i is the potential of the mid-point of the ith resistance. The author recommends the Zeydel'-Nekrasov iteration process as a means of calculating the network. Networks with various number of points are considered. The author claims that this method operates on a different principle from all existing methods, and that it is, in practice, more effective than such methods (e.g. than the method constructed in the Obchyslyuval'nyy tsentr AN URSR

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Solving the plane case ...

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S/021/61/000/012/005/011
D251/D305

(Computing Center AS UkrSSR)). It is claimed that the method may be used for a large number of problems and gives reasonably accurate results. There are 3 figures, 1 table and 5 Soviet-bloc references.

ASSOCIATION: Obchyslyuval'nyy tsentr' AN URSR (Computing Center
               AS UkrSSR)

PRESENTED: by F. P. Byelyankin, Academician AS UkrSSR

SUBMITTED: May 13, 1961

Card 3/3

RUDIN, V.D., dots.; STEFANOV, P., red.; LOBKOV, M., red.

[Trace element fertilizers and crops] Mikroudobreniia i
urozhai.

[Trace elements in animal husbandry] Mikroelementy v zhi-
votnovodstve. Stavropol', Stavropol'skoe knizhnoe izd-vo,
1964.   (MIRA 18:8)

1. Stavropol'skiy sel'skokhozyaystvennyy institut (for
Rudin).

STEPANOV, P.A., kandidat meditsinskikh nauk

Method of psychoprophylatic preparation of gynecological patients
for surgery. Akush. i gin. no.3:47-49 My-Je '54.   (MIRA 7:8)

1. Iz akushersko-ginekologicheskogo otdeleniya (nach.-kandidat
meditsinskikh nauk F.L.Leont'yev) TSentral'noy klinicheskoy bol'-
nitsy imeni Semashko Ministerstva putey soobshcheniya.
        (GYNECOLOGICAL DISEASES, surgery,
           *preop. care, psychoprophylactic prep. of patients)
        (PREOPERATIVE CARE,
           *in gyn. surg., psychoprophylactic prep. of patients)

SHCHUREVSKIY, V.Ye.; STEPANOV, P.A.

Forty years of the All-Union Institute of Experimental Veterinary
Medicine. Veterinariia 35 no.1:40-49 Ja '58.   (MIRA 11:2)

1. Zamestitel' Vsesoyuznogo instituta eksperimental'noy veterinarii
(for Shchurevskiy). 2. Uchenyy sekretar' Vsesoyuznogo instituta
eksperimental'noy veterinarii (for Stepanov).
                         (Veterinary laboratories)

STEPANOV, P.A., starshiy nauchnyy sotrudnik

Index of works produced at the All-Union Institute of Experimental
Veterinary Medicine of the All-Union Academy of Agricultural Sciences.
Trudy VIEV 23:407-457 '59.   (MIRA 13:10)
            (Bibliography--Veterinary research)

STEPANOV, P.A., starshiy nauchnyy sotrudnik

List of dissertations presented to the Council of the All-Union Institute
of Experimental Veterinary Medicine for the degree of doctor and can-
didate in veterinary and biological sciences from 1935 to 1957.
Trudy VIEV 23:458-474 '59.   (MIRA 13:10)
            (Bibliography--Veterinary research)

FUCHEROV, I.K.; SULINOV, V.I.; STEPANOV, P.A.

Devices for the setting and sharpening of cutters on the machinery. Der. prom. 14 no.9:28-29 S '65. (MIRA 18:12)

1. STEPANOV P.A.

2. USSR (600)

4. Siberia-Fruit culture

7. Work of Michurin researchers, agrobiologiia no.6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, uncla s.

1. STEPANOV, P. A.

2. USSR (600)

4. Fruit Culture - Tambov Province

7. Practice of Tambov Province's leading collective farms in fruit culture. Dost. Sel8khoz, no. 11 , 1952

Monthly List of Russian Accessions, Library of Congress, Mrach, 1953, Unclassfied.

STEPANOV, P. A.

The kolkhoz garden Izd. 3., ispr. i dop. Moskva, Gos. izd-vo selkhoz lit-ry, 1954. 282 p.

1. Gardening - Russia.
2. Agriculture, Cooperative - Russia.

STEPANOV, Pavel Alekseyevich; PAVLOVA, N.M.; KOROLEVA, N.I.; SERGEYEV, V.I., redaktor; PAVLOVA, M.M., tekhnicheskiy redaktor; BALLOD, A.I., tekhnicheskiy redaktor

[The collective farm orchard] Kolkhoznyi sad. Izd. 4-oe, ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 268 p.   (MLRA 9:12)
     (Collective farms)   (Fruit culture)

STEPANOV, P.A.

Orchards in Yakutia. Agrobiologiia no.6:136 N-D '56.

(MIRA 10:1)

1.Nauchno-issledovatel'skiy institut sadovodstva imeni I.V.Michurina. otdel massovogo opytnichestva.-Michurinsk.
(Mukhtuya--School gardens)

Category: USSR/General Division. History. Classics. Personalities.   A-2

Abs Jour: Referat Zh.-Biol., No 9, 10 May 1957, 34890

Author : Stepanov, P.A.
Inst   : not given
Title   : Fifty years of Works in the Gardens of the North

Orig Pub: Sad i ogorod, 1956, No 10, 69

Abstract: A sketch devoted to the oldest expert-selecter, one of the pioneers
          of northern fruit growing, Stepan Petrovich Ukatov, whose service
          consists in proving the possibility of advancement of fruit-growing
          in the north. In the northern regions of our country he established
          fruit nurseries, collection-mother gardens, later reorganized on
          the basis of Kirov selection station, he developed new valuable types
          of fruit and berries; he also directed the work of a number of kolk-
          oozes.

Card   : 1/1   -19-

BAKHAREV, A.N., nauchnyy sotr.; DOBRINSKIY, N.Ya., nauchnyy sotr.;
STEPANOV, P.A., nauchnyy sotr.; DUBROVSKIY, I.I., red.;
RACHKOV, P.A., tekhn. red.

[In the orchards and laboratories of Michurinsk]V sadakh i
laboratoriiakh Michurinska. Tambov, Tambovskoe knizhnoe izd-
vo, 1961.   158 p.   (MIRA 15:9)

1. TSentral'naya geneticheskaya laboratoriya im. I.V.Michurina
(for Bakharev, Dobrinskiy). 2. Nauchno-issledovatel'skiy in-
stitut sadovodstva im. I.V.Michurina (for Stepanov).
   (Michurin, Ivan Vladimirovich, 1855-1935)
(Michurinsk--Fruit culture--Research)

SERGEYEV, Ye.A.; STEPANOV, P.A.

Method for the spectrum analysis of metallometric samples for mercury. Fiz.sbor. no.4:371-374 '58.   (MIRA 12:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metodiki i tekhniki razvedki.
                    (Mercury--Spectra)

S/081/62/000/005/032/112
B149/B101

AUTHORS: Stepanov, P. A., Sergeyev, Ye. A., Leshchinskaya, M. S.

TITLE: Methods of rapid semi-quantitative analysis of metallometric
samples for lithium, beryllium, boron and fluorine

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 5, 1962, 162, abstract
5D133 (Byul. nauchno-tekhn. inform.; M-vo geol. i okhrany
nedr SSSR, no. 2(19), 1959, 108-109)

TEXT: A method has been developed of simultaneous determination of Li,
Be, B and F, together with the determination of some scores of other
elements. The spectrum is excited by introducing the dispersed powder
of the sample into the arc discharge between horizontal copper electrodes.
To obtain the excess of Ca in the discharge zone, which is needed to form
molecular bands of CaF_2 and to reduce the influence of the base, the
weighed samples are mixed with $CaCO_3$ in the volume ratio of 3:1. F is
determined by molecular band 5290 $\overset{o}{A}$, Be by bands 2348, 3131 and 2650 $\overset{o}{A}$;
B by 2497.7 and 2496.7 $\overset{o}{A}$. The simultaneous determination of Li is

Card 1/2

S/081/62/000/006/031/117
B102/B101

AUTHORS: Stepanov, P. A., Sergeyev, Ye. A., Belobragina, M. V.

TITLE: A method for semiquantitative spectral analysis of metallometrical samples for rare alkaline elements

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 126, abstract 6D67 (Byul. nauchno-tekhn. inform. M-vo geol. i okhrany nedr SSSR, no. 3 (20), 1959, 89-91)

TEXT: A method is proposed for quick semiquantitative spectral analysis of metallometrical samples for Li, Rb, and Cs. A K vapor excess is produced in an arc to stabilize the plasma temperature in the arc discharge, to raise the sensitivity, and to eliminate the effect of variable K and Na content of natural samples on the analytical results. The surface of the sample placed on an electrode is moistened with alcohol and 2-3 drops of KCl solution (0.05 ml of 20% KCl) are added. The lines 6707.8 Å and 8126.5 Å (Li), 7847.6 Å or 7800.2 Å (Rb), and 8521.1 Å (Cs) are used for analysis. Spectroscopic conditions: current strength 20 a, electrode channel 4mm wide, 3 mm high, exposure 40 sec. A high

Card 1/2

A method for semiquantitative ...

S/081/62/000/006/031/117
B102/B101

sensitivity (0.0002%) for Li, Rb, and Cs determination is reached by using "Infra-840" plates. An ИСП-51 (ISP-51) spectrograph with an УФ-84 (UF-84) camera (18μ slit of apparatus) is most efficient for the analysis. The prismatic arrangement corresponds to the spectral range 6500-9000 Å being placed only on the left-hand side of the plate (9 · 12 cm). The number of spectra per plate may reach 210 when the photographs are taken successively, first on the left half of the plate and then, after turning by 180°, on the right half. The conditions c̄ applicability of the present method with the spectrographs ИСП-28 (ISP-28) and ИСП-22 (ISP-22) are also given. The blackening of the analytical lines is measured with a micro-photometer. The spectral quality is controlled by comparing the K-line blackening and the background. In the range 0.0005 - 0.05% the concentrations are estimated from log C-versus-S plots on special forms; each plate is exposed to 5 standards (with respect to two spectra). Reproducibility of results: for Li and Cs, in 85% of the cases repeated results are within a twofold, for Rb within a threefold concentration range. Abstracter's note: Complete translation.]

Card 2/2

24(7)   SOV/48-23-9-44/57

AUTHORS: Stepanov, P. A., Sergeyev, Ye. A., Belobragina, M. V., Leshchins-
              kaya, M. S.

TITLE: A Rapid Spectral Analysis of Metallometric Samples With Respect
              to Alkali, Boron, Fluorine, and Other Elements

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959,
              Vol 23, Nr 9, pp 1149 - 1150 (USSR)

ABSTRACT: By the mass-spectral analysis the elements Li, Rb, Cs, B, F,
              and Be are not determined with sufficient accuracy. The first
              three of these elements may, if the pulverized samples are
              evaporated from a channel of the carbon electrode, be deter-
              mined with sufficient accuracy. The lines used for the analysis
              with respect to these elements are then given, in which case
              the content of these elements was determined according to the
              absolute blackening of the lines. The error is given as amount-
              ing to 0.0002%. The calibration curves for the determination
              of these three elements are shown by figure 1, and it is found
              that the mineralogical state of the samples does not essentially
Card 1/2   influence the results. The analysis of metallometric samples

A Rapid Spectral Analysis of Metallometric Samples With   SOV/48-23-9-44/57
Respect to Alkali, Boron, Fluorine, and Other elements

with respect to boron, lithium, and beryllium, with a simul-
taneous determination of some ten other elements, is carried
out by the introduction of powder into the arc discharge, in
which case copper electrodes are used. Lines are given, accord-
ing to which boron, lithium, and beryllium were determined. In
the determination of fluorine calcium carbonate was added to
the samples in order to be able to reproduce the CaF band. It
was found on this occasion that the addition of calcium dimini-
shes the influence of the base material in the determination
of Be, B, and Li. The error in these analyses is given as
amounting to 2.10^{-4} for boron, to 5.10^{-4} for lithium, and to
$5.10^{-2}\%$ for fluorine. There are 1 figure and 4 Soviet references.

Card 2/2

SOKOLOV, I.Yu.; AYDIN'YAN, N.Kh.; BELEKHOVA, V.N.; BRODSKIY, A.A., starshiy nauchnyy sotrudnik; GLEBOVICH, T.A.; DALMATOVA, T.V.; KOMAROVA, A.I.; KOMAROVA, Z.V.; KOPYLOVA, M.M.; KUDRYAVTSEVA, M.M.; LIBINA, R.I.; LOGINOVA, L.G.; MARGOLIN, L.S.; MARKOVA, A.I.; MEDVEDEV, Yu.L.; MILLER, A.D.; MULIKOVSKAYA, Ye.P.; NECHAYEVA, A.A.; OZEROVA, N.V.; PALKINA, I.M.; PETROPAVLOVSKAYA, L.A.; POPOVA, T.P.; REZNIKOV, A.A.; SERGEYEV, Ye.A.; SETKINA, O.N.; STEPANOV, P.A.; SUVOROVA, Ye.G. [deceased]; SHERGINA, Yu.P.; PANOVA, A.I., red.izd-va; IVANOVA, A.G., tekhn.red.

[Methodological handbook on the determination of microcomponents in natural waters during prospecting for ore deposits] Metodicheskoe rukovodstvo po opredeleniiu mikrokomponentov v prirodnykh vodakh pri poiskakh rudnykh mestorozhdenii. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 287 p.
(MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i inzhenernoy geologii (for Sokolov, Brodskiy, Glebovich, Ozerova, Kudryavtseva, Loginova, Markova, Medvedev, Belekhova, Palkina,

SOKOLOV, I.Yu.——(continued) Card 2.
Popova, Petropavlovskaya). 2. Institut geologii rudnykh mesto-
rozhdeniy, petrografii, mineralogii i geokhimii AN SSSR (for
Aydin'yan). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut
metodiki i tekhniki razvedki (for Miller, Sergeyev, Margolin).
4. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut
(for Mulikovskaya, Reznikov). 5. Vsesoyuznyy nauchno-issledova-
tel'skiy institut mineral'nogo syr'ya (for Komarova, A.).
(Prospecting—Geophysical methods)
(Water, Underground—Analysis)

STEPANOV, P.D., inzh.

Use of straight cuts in the construction of hydraulic tunnels with small and medium cross sections. Energ. stroi. no.42:87-93 '64.

(MIRA 18:3)

LAVRENT'YEV, A.P. (g. Chita (oblastnaya), ul. Chaykovskogo, d. 4-a, kv.22);
STEPANOV, P.F. (g. Chita (oblastnaya), ul. Lenina, d.97, kv. 27)

Some considerations on teaching anatomy and histology at a medical
institute. Arkh.anat.gist. i embr. 35 no.1:118-119 Ja-F '58.
(MIRA 11:4)

1. Iz kafedry normal'noy anatomii (zav. - zasl. deyat. nauki prof.
A.P.Lavrent'yev) Chitinskogo gosudarstvennogo meditsinskogo
instituta.
(ANATOMY, education
(Rus))
(HISTOLOGY, education,
(Rus))

RYZHKOV, Yu. D.; STEPANOV, P.F.; TOPOROV, G.N.

History of the struggle with osteoarthritis deformans endemica
in Transbaikalia. Zdrav. Ros. Feder. 3 no.3:30-33 Mr '59 (MIRA 12:4)

1. Iz Chitinskogo gosudarstvennogo meditsinskogo instituta (dir. -
dots. Yu. D. Ryzhov)
        (TRANSBAIKALIA--ARTHRITIS)

RYZHKOV, Yu.D., dotsent; STEPANOV, P.F., dotsent; TOPOROV, G.N., dotsent

Regional pathology of Transbaikalia, the foremost problem
facing the Chita Medical Institute. Zdrav.Ros.Feder. 3
no.6:27-31 Je '59.   (MIRA 12:6)

1. Iz Chitinskogo gosudarstvennogo meditsinskogo instituta
(dir. - dotsent Yu.D.Ryzhkov).
              (TRANSBAIKALIA--MEDICAL GEOGRAPHY)

STEPANOV, P.F., dotsent, kand. med. nauk; TOPOROV, G.N., dotsent, kand. med. nauk

Military physicians N.I. Kashin and E.V. Bek; pioneer re-
searchers on the Urov disease in the Transbaikal Region. Voen.
Voen. med. zhur. no.4:87-89 Ap '59.   (MIRA 12:8)
       (OSTEOARTHRITIS,
            deformans endemics, contributions of N.I. Kashin &
            & E. V. Bek (Rus))
       (BIOGRAPHIES,
            Kashin, N.I. (Rus))
       (BIOGRAPHIES,
            Bek, E.V. (Rus))

TOPOROV, Gennadiy Nikolayevich; STEPANOV, Petr Fedorovich

[Topographical anatomy of human extremities; manual for
practical studies] Topograficheskaia anatomiia konechnostei
cheloveka; posobie k prakticheskim zaniatiiam. Chita, 1959.
89 p.   (MIRA 13:8)
                    (EXTREMITIES (ANATOMY))

STEPANOV, Petr Fedorovich; TOPOROV, Gennadiy Nikolayevich; POPOV, V.V.,
red.

[Urov's disease in Transbaikalia and ways for preventing it]
Urovskaia bolezn' v Zabaikal'e i puti ee profilaktiki. Chita,
1960. 32 p.   (MIRA 13:12)
                 (TRANSBAIKALIA--ARTHRITIS)

STEPANOV, A. G.

Work

Great October Socialist Revolution as the beginning and most important premise
in overcoming the opposition between intellectual and physical labor,
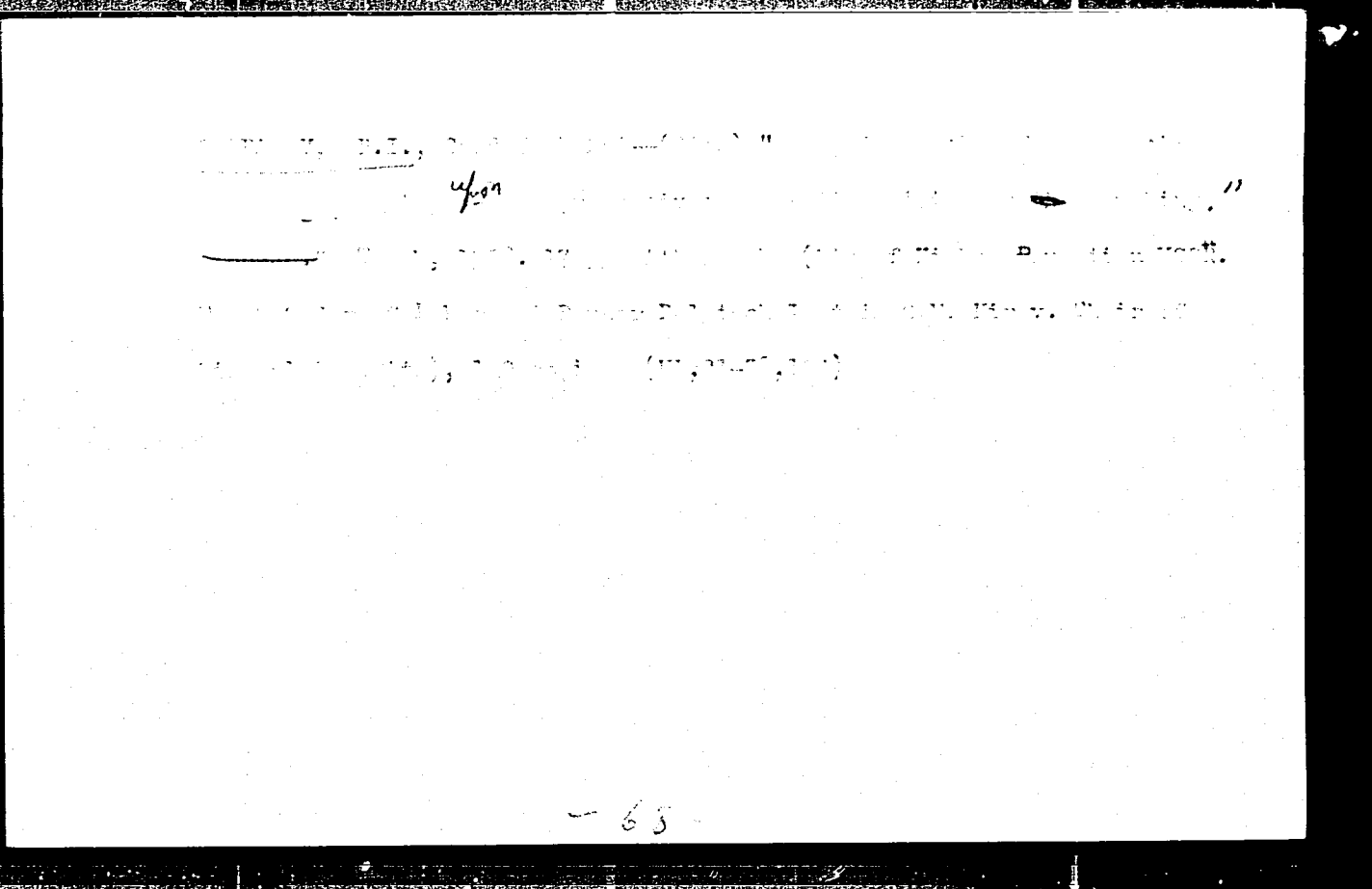Vest. Len. un 7 No. 11, 1952

CHERNYAK, N.Kh.; ZEMEROV, I.V.; NAUMOV, I.S.;SHMELEV, I.P.; NESTEROV, L.Ye.
STEPANOV, P.I.

Improve and develop communication facilities in the economic
regions. Vest.sviazi 17 no.8:15-18 Ag '57.   (MIRA 10:10)

1.Nachal'nik otdela elektrosvyazi Sverdlovskogo oblastnogo
upravleniya (for Chernyak). 2. Nachal'nik Sverdlovskogo telegrafa
(for Zemerov) 3.Nachal'nik Sverdlovskoy mezhdugorodnoy telefonnoy
stantsii (for Klebanov). 4.Zamestitel' nachal'nika Sverdlovskogo
upravleniya svyazi (for Naumov). 5.Nachal'nik otdela pochtovoy
svyazi Sverdlovskogo upravleniya svyazi (for Shmelev). 6.Nachal'nik
Sverdlovskoy direktsii radiotranslyatsionnykh setey (for Nesterov).
7.Nachal'nik Ordzhonikidzevskoy kontory svyazi g. Sverdlovska (for
Stepanov).
         (Sverdlovsk--Telecommunication--Congresses)

STEPANOV, P.I.

Method of intermittent feeding of well bottoms with small shot
charges used in the Altai Nonferrous Metal Prospecting Trust.
Izv. TPI 90:209-219 '58.   (MIRA 12:2)

1. Predstavleno professorom doktorom A.A. Belitskim.
                        (Boring)

STEPANOV, P.I.

      Experimental study of the method of intermittent shot feeding of
well bottoms. Izv. TPI 90:220-227 '58.   (MIRA 12:2)

      1. Predstavleno professorom doktorom A.A. Belitskim.
                        (Boring)

ADLIVANKINA, R.Ya.; GLADTSINOV, B.N.; KACHEVSKIY, V.I.; STEFANOV,
        P.I., otv. red.; USVYATSOV, A.Ye., red.

    [Power engineering in the U.S.A.] Energetika SShA. Moskva,
    Nauka, 1965. 258 p.   (MIRA 18:6)

    1. Institut mirovoy ekonomiki i mezhdunarodnykh otnosheniy
    AN SSSR (for Adlivankina, Gladtsinov, Kachevskiy).

SULAKSHIN, Stepan Stepanovich; STEPANOV, P.I., kand. tekhn.
nauk, red.

[Principles of the theory of rock breaking and removal
of borings during the drilling of boreholes] Osnovy
teorii razrusheniia gornykh porod i udaleniia pro-
duktov razrusheniia pri burenii skvazhin; uchebnoe
posobie. Tomsk, Izd-vo Tomskogo univ., 1963. 261 p.
(MIRA 18:7)

STEPANOV, I. M. and PEREKONCHENKO, B. M.

"Testing of the Preparation NIUIF-100 (Thiophos)".
S. kh. Tadzhikistana, No. 12, pp 52-57, 1953.

   In the experimental spraying od separate branches of fruit trees with an emulsion of thiophos, the following concentrations of active agent completely killed the insects (time required given inpparentheses): blood-red aphids and grape-worms, 0.009% (2days); meal worms Pseudococcus sp. 0.009% (2days); Comstock worms, 0.015% (2 days); soft species of Eulecanium (Coccus hesperidium L.) on cirrus plants 0.030% (10 days). Parlatoria cleae Colvee were only 91% destroyed 10 days after spraying with a concentration of 0.030%. (RZhBiol, No 10, 1955)

SO: Sum No 884, 9 Apr 1956

STEPANOV, P. M.

Time Study

Our work experience with a time schedule. Les. prom. 12 No. 3, 1952.

STEPANOV, P.M., inzhener.

Results of a continuous work schedule. From experience of the
Piazhieva Sel'ga lumber camp. Les.prom.14 no.4:14-16 Ap '54.
(MLRA 7:4)
(Lumbering)

STEPANOV, P.M.

The Moscow Branch of the Geographical Society of the U.S.S.R.;
on its tenth anniversary. Top.geog. no.42:232-238 '58.
(MIRA 11:11)

(Moscow--Geographical societies)

STELARCV, : .M.

"The Role played by Malaria in Pathology," Sb. nauch. rabot (Minskiy med. inst), Vol 1?, 195?, pp 161-169

A combination of malaria and another disease emphasizes the symptoms of the basic disease and complicates its course and outcome. Malaria contributes to the severity of bacterial dysentery and brucellosis and aggravates ulcerous diseases and chronic circulatory insufficiency. It contributes to the severity of vascular and nervous conditions of patients with hypertension. The basic disease, on the other hand, affects the course of a malarial infection. A malignant course, or malaria coma, for instance, is never observed in persons suffering from brucellosis. Malaria is slightly subdued by the specific treatments for septic diseases, arteriosclerosis, and nervous exhaustion. The course of malaria is atypical, and the temperature reaction is not excessive in hypertension patients. A diagnosis of combined malaria necessitates the search for plasmodium in the blood. RZhBiol, No 6, 1954)

SO: Sum. No. 526, 10 Jun 55

STEPANOV, P.M.

Reduce expenditures for the modernization of looms. Tekst. prom.
18 no.3:36-37 Mr '58.   (MIRA 11:3)

1. Zaveduyushchiy tkatskoy fabrikoy Yartsevskogo khlopchatobumazhnogo
kombinata.
        (Looms)

STEPANOV, P. M.: Master Tech Sci (diss) -- "The problem of expansion of slightly

heated water in a rectangular prismatic bed". Moscow, 1958. 12 pp (Min Agric

USSR, Moscow Inst of Water Economy Engineers im V. R. Vil'yams), 150 copies

(KL, No 1, 1959, 121)

STEPANOV, P.M., inzh.

Criterion for judging the flooding of a spillway with a practical
profile. Nauch.dokl.vys.shkoly; stroi. no.4:211-213 '58.

(MIRA 12:7)

1. Rekomendovana kafedroy gidravliki Novocherkasskogo inzhenerno-
meliorativnogo instituta.

(Spillways)

99-1-7/10

AUTHOR: Stepanov, P.M., Engineer

TITLE: Submerged Jumps of Water (O podtoplennom pryzhke vody)

PERIODICAL: Gidrotekhnika i Melioratsiya, 1958, # 1, pp 43-53 (USSR)

ABSTRACT: One of the most important items at the construction of
hydrotechnical installations which require approval at de-
signing, is the length of the reinforced tail race. When
projecting the tail race reinforcement, the length of the
so-called "hydraulic jump" has to be taken into consider-
ation. Experiments conducted with "submerged" jumps in
square prismatic beds are examined in this article for the
purpose to establish the length of the jump and to determine
the curves of free surfaces and the transit flux. The tests
were carried out on flat glass troughs at the Hydraulic
Laboratory of the Novocherkask Engineering-Melioration In-
stitute under the supervision of the Dotsent Candidate of
Technical Sciences M.M. Skiba. The troughs had the follow-
ing dimensions: 8.5 m long, 0.25 m wide, and 0.6 m high.
The author publishes several graphs, formulas and diagrams
illustrating the experiments.
There are 6 tables, 7 graphs and 9 Russian references.

AVAILABLE: Library of Congress
Card 1/1

STEPANOV, P.M., inzh.

Formula for determination of the length of a perfect hydraulic jump. Izv. ucheb. zav.; energ. 2 no.7:125-128 Jl '59.
(MIRA 13:1)

1.Novocherkasskiy inzhenerno-meliorativnyy institut.
(Hydraulic engineering)

STEPANOV, P.H.

Bottom hole scavenging with compressed air in drilling holes
under complicated conditions. Razved. i okh. nedr 27 no.9:50-
53 S '61.   (MIRA 17:2)

1. Leningradskiy gornyy institut.

STEPANOV, P.M.

        Air drilling. Zap. LGI 41 no.2:91-102 '61.   (MIRA 16:5)
                                (Boring)

STEPANOV, P.M.

Yield of core in air shot drilling. Izv. vys. ucheb. zav.;
geol. i razv. 6 no.4:137-144 Ap '63.   (MIRA 16:6)

1. Leningradskiy gornyy institut im: G.V. Plekhanova.
(Boring)

STEPANOV, P.N./[deceased].

Ecology of the Gudaurian vole (Microtus gud). Mat. k pozn. fauny i flory SSSR. Otd. zool.no.37:109-117 '57.   (MIRA 11:1)
                    (Caucasus--Field mice)

STEPANOV, P.N.

V.I. Nenin and the electrification of the U.S.S.R. Vest. Mosk. un. Ser.5: Geog. 15 no.3:3-6 My - Je '60.

(MIRA 13:7)

(Electrification)

STEPANOV, P.N.; SAVENKO, Yu.N.

Development of electric power engineering in the Kuybyshev
Economic Administrative Region. Vest. Mosk. un. Ser.5:
Geog. 15 no. 5:14-19 S-O '60.   (MIRA 13:11)

1. Kafedra ekonomicheskoy geografii SSSR   Moskovskogo
universiteta.
             (Kuybyshev Province--Electric power plants)

YEGOROV, K.D., kand. ekon. nauk; ALEKSANDROVA-ZAORSKAYA, V.V.,
    doktor ekon. nauk, prof.; STEPANOV, P.N., doktor geogr.
    nauk, prof.; KULEBAKIN, V.S., akademik, red.; KRUZHILIN,
    G.N., red.; FEDOROV, A.G., red.; RYBINSKIY, M.Ya., red.;
    CHASHNIKOVA, M.V., red.

[Materials on the electrification of individual districts]
Materialy po elektrifikatsii otdel'nykh raionov; trudy.
Moskva, Izd-vo "Nauka," 1964. 299 p.   (MIRA 17:4)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennaya komissiya po
elektrifikatsii Rossii. 2. Chlen-korrespondent AN SSSR (for
Kruzhilin).

STEPANOV, P.N., veterinarnyy vrach

Recommendations checked in practice. Zhivotnovodstvo 23 no.3:
56 Mr '61.   (MIRA 17:1)

1. Oktyabr'skaya rayonnaya veterinarnaya lechebnitsa Gomel'skoy
oblasti.

STEPANOV'S P. N. PROF   57/49T62

USSR/Medicine - Literature   Nov/Dec 48
     Medicine - Dysentery

"Review of Prof P. N. Stepanov's 'Chronic
Dysentery' and Prof Sh. S. Khalfin's 'Chronic
Dysentery,'" Prof B. N. Rubenshteyn, 2 pp

"Terap Arkhiv" Vol XX, No 6

Both monographs are of great practical use.
Stepanov's book treats history of the disease
in Stalinabad Hosp for Infectious Diseases, while
Khalfin's book contains data on cases in Baku
institutions. Despite certain defects, both pro-
vide valuable information on the disease, its geo-
graphical distribution, and practical aid to
doctors.
                                        57/49T62

_____, . . .

21061   STEPANOV, . . . To'n'e'ov'ntage's ali'entaroiaya listro8tya pechoni. Vracheb.
Delo, 1956, Pt. 1, ST. 649-20.

SO: Latopis, No. 32, 1949.

1. TER\KOV, P. H., PROF., ATLOVA, YL. I.

2. USSR (600)

4. Sleep

7. Result of sleep therapy in certain internal diseases. Terap. arkh. 4, no. 5, 1952.

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

STSYAPANAU, P.N.

[Viral influenza] Virusny gryp. Minsk, Dziarzh vyd-va BSSR, 1952.
43 p.   (MLRA 10:2)
        (INFLUENZA)

STEPANOV, P.N.;ZAYTSEVA, Ye.I.

Result of sleep therapy in certain internal diseases. Ter. arkh.,
Moskva 24 no. 5:43-50 Sept-Oct 1952.   (CLML 23:3)

1. Professor for Stepanov, 2. Of the Hospital Clinic for Internal
Diseases (Head -- Prof. P. N. Stepanov), Minsk Medical Institute.

STEPANOV, P. N.

STEPANOV, P.N., professor, zaveduyushchiy; FROLENKO, Ye.V.

New facts in the treatment of rheumatism. Terap.arkh. 25 no.3:17-23 My-Je
'53.   (MLRA 6:9)

1. Gospital'naya klinika vnutrennikh bolesney Minskogo meditsinskogo institu-
ta.   (Rheumatism)

STEPANOV, P.N.; ZAYTSEVA, Ye.I.

Treating patients with infectious hepatitis. Vrach.delo no.11:
1135-1139 N '56.
(MIRA 10:3)

1. Fakul'tetskaya klinika vnutrennikh bolezney (zaveduyushchiy--
professor P.N.Stepanov) Smolenskogo meditsinskogo instituta.
(HEPATITIS, INFECTIOUS)

STEPANOV, P.N., prof., ZAYTSEVA, Ye.I. (Smolensk)

Northwestern Interprovince Conference of Therapeutists, held in
Smolensk, February 25-27, 1958. Terap. arkh. 30 no.7:86-90 Jl '58
(MIRA 11:8)

(PEPTIC ULCER)

STEPANOV, P.N., prof. (Smolensk)

Treatment of patients with uncomplicated and complicated
peptic ulcer. Klin.med. 38 no.11:135-138 N '60.

(MIRA 13:12)

(PEPTIC ULCER)

ZAYTSEVA, Ye.I.; STEPANOV, P.M.

Second Northwestern Interprovincial Scientific Conference of
Therapeutists. Sov. med. 27 no.12:122-124 D'63 (MIRA 17:4)

STEPANOV, PETR NIKOLAEVICH.

STEPANOV, PETR NIKOLAEVICH.
Khoziaistvennye perspektivy Povlozh'ia i Volgo-Donskoi kanal; k prorabotke
piatiletnego plana.   Pod red. A.S.Aksamitnogo.   Moskva, Gosizdat, 1921.   57p.
    "Bibliografiia": p. 58.
                                        DLC: HC337.V6S8

SO: LC, Soviet Geography, Part I,1951, Uncl.

STEPANOV, PETR NIKOLAEVICH.
Metallopromyshlennost' Urala. Khar'kov, Gosplanizdat, 1926. 55 p.
(Komissiia po metallu pri Gosplane USSR. Trudy, no. 3.)
CSt-H

SO: LC, Soviet Geography, Part I, 1951, Uncl.

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STEFANOV, PETR NIKOLAEVICH.

Khoziaistvennye perspektivy Povilzh' ia i Volgo-Donskoi kanal; k prorabotke piatiletnego plana. /The prospects for the economy of the Volga area and the Volga-Don Canal/. Pd red. A.S. Aksamitnogo. Moskva, Gos.izd-vo, 1929. 57 p. diagrs. "Bibliografiia": p. /58/   DLC: HC337.V6S8

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAFHY, Library of Congress
       Reference Department, Washington, 1952, Unclassified.

STEPANOV, F. N.

"Activity of the Moscow Branch of the Geographic Society of the USSR during 1946,"
Voprosy Geografii, 4th Symposium, 1947.

STEPANOV, P.N.

        Saratov-Moscow gas pipeline. Geog. v shkole no.2:43-45 [Mr-Ap] '47.
        (Gas, Natural--Pipelines)   (MLRA 9:6)

SMIRNOV, I. ...

25562. SMIRNOV, I. M. I PROFESSOR., A. A. Kryash; raschlenenie kolkhoz-millioner.
(Kolkhoz im. Kull Vol. s. Chalkovo). Voprosy geografii, sj. 14, 1949, s. 145-32

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949