

GERASIMOV, I.P.; YEROKHINA, A.A.

International Conference on Soils in New Zealand and excursions in
the country. Pochvovedenie no.4:29-44 Ap '63. (MIRA 16:5)

1. Pochvennyy institut imeni V.V.Dokuchayeva.
(Soil science--Congresses)
(New Zealand--Soils)

GERASIMOV, I.P.; CHEBOTAREVA, N.S.

Absolute age of the latest (Valday) glaciation on the northwestern part of the East European Plain. Izv. AN SSSR. Ser. geog. no.5: 36-44 S-O '63. (MIRA 16:10)

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GERASIMOV, I.P.; KOMAR, I.V.

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on the use of scientific and technical knowledge for satisfying the
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GERASIMOV, I.P.; RYABCHIKOV, A.M.

The head of Indian geography; on Professor S.P. Chatterjee's 60th
birthday, 1903- . Izv. AN SSSR. Ser. geog. no.5:157-158 S-0 '63.
(MIRA 16:10)

GERASIMOV, I.P., akademik

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P '63. (MIRA 16:2)
(Mediterranean Sea region—Physical geography)

GERASIMOV, I.P., akademik; GRIGOR'YEV, A.A., akademik; DAVITAYA, F.F.,
akademik; AVSYUK, G.A.; KALESNIK, S.V.; BUDYKO, M.I., doktor fis.-
matem. nauk

Physical geography and its position in the system of sciences
of the earth. Vest. AN SSSR 33 no.10:24-28 O '63. (MIRA 16:11)

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AN SSSR (for Avsyuk).

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D '63, (MIRA 17:1)

GERASIMOV, I.P.

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Izv. Vses. geog. ob-va 95 no.6:552-555 N-D '63.
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GERASIMOV, I.P.; MESHCHERYAKOV, Yu.A.

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20-28, 1964. Izv. AN SSSR Ser. geog. no.6:119-121 N-D 164
(MIRA 18:1)

GERASIMOV, I.P., akademik

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no.12:53-56 D '64 (MIRA 18:1)

GERASIMOV, I. P.; ROZOV, N. N., Moscow

"A system of world soils."

report scheduled to be presented at the 20th Intl Geographical Cong, 6 Jul-
11 Aug 64, London.

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11 Aug 64, London.

"The role of geography in the study, conservation and rational use of the world's natural resources."

report scheduled to be presented at the 20th Intl Geographical Cong, 6 Jul-11 Aug 64, London.

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VOSTRYAKOV, A.V., red.; GORELOV, S.K., red.; DIMITRASHKO,
E.V., red.; KORZHENEVSKIY, A.A., red.; NADKOV, A.D., red.;
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Plodorodie i melioratsiia pochv SSSR; doklady k VIII Mezhdunarodnomu kongressu pochvovedov. Moskva, Izd-vo "Nauka,"
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I.F., akademik, red. Prinsipialni uchastiye: ABRAMOV, L.S., red.;
PREOBRAZHENSKIY, V.S., red.; FOMUS, M.I., red.;

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MISHCHENKOV, Yu.A.; CHUBUKOV, I.A.; CHUMICHEV, D.A.

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1. Chlen-korrespondent AN SSSR; glavnyy redaktor zhurnala
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KOSMACHEV, K.P.; Prinyaia uchastiya: KORONKEVICH, N.I.;
D'YAKONOV, F.V.; GERASIMOV, I.P., akademik, red.;
PREOBRAZHEVSKIY, V.S., red.; RIKHTER, G.D., red.; AIRAMOV, L.S.
red.; ARMAND, D.I., red.; GELLER, S.Yu., red.; ZONN, S.V., red.;
DZENDZEYEVSKIY, B.I., red.; KOMAR, I.V., red.; LAVRENKO, Ye.M.,
red.; LEONT'YEV, N.F., red.; LETUNOV, P.A., red.; L'VOVICH,
M.I., red.; MESHCHERYAKOV, Ye.A., red.; MINTS, A.A., red.;
MURZAYEV, E.M., red.; NASIMOVICH, A.A., red.; POKSHISHEVSKIY,
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fii AN SSSR (for Korzhuyev, Vitvitskiy). 3. Yakutskiy filial
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5. Pochvennyy muzey AN SSSR (for Zol'nikov). 6. Moskovskiy go-
sudarstvennyy universitet im. M.V.Lomonosova (for Karavayev).
7. Proizvodstvennyy nauchno-issledovatel'skiy institut stroitel'-
stva Gosstroya SSSR (for Kachurin). 8. Institut geografii Sibiri
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Ser. geog. no.4:5-18 Ji-ag '66. (MIRA 18:8)

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1. Prezident AN Kirgizskoy SSR (for Karakeyev).
2. Chleny-korrespondenty AN SSSR (for Frank, Astaurov, Yefimov, Kazarnovskiy).
3. AN Kirgizskoy SSR (for Shumilovskiy).
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GELASIMOV, I.P., akademik; TROFIMOV, A.A., akademik

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(MIRA 18:8)

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Aleksandr Petrovich Gal'tsov, 1909-1965; an obituary. Izv. AN
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GERASIMOV, I.P.; ROZOV, N.N.

Scientific activities of Evgenia Nikolaevna Ivanova, 1890,
Pochvovedenie no. 7:105-109 J1 '65 (MIRA 19:1)

16 (1), 14 (10)

AUTHOR: Gerasimov, I. S.

SC7/20-125-5-9/61

TITLE: On the Application of Similarity to Dynamical Problem for a Conical Shell (Ob odnoy avtomodel'noy dinamicheskoy zadache dlya konicheskoy obolochki)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 5, pp 989 - 991 (USSR)

ABSTRACT: The present paper deals with a circular conical shell under the action of a mobile stress (constant pressure acting axially-symmetrically and perpendicular to the surface of the cone), which moves with constant velocity v from the vertex to the symmetry axis of the cone. The thickness of the shell is considered to be a linear function of the distance from the vertex. By proceeding from the equations for the equilibrium of the elastic shell (which has the shape of a solid of rotation, and which is under the influence of a symmetric stress) a system of partial differential equations is obtained, which describes the motion of an element of the conical shell:

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$$\frac{\partial}{\partial s} (s T_1) - T_2 - \rho \beta s^2 \frac{\partial^2 \mu}{\partial t^2} = 0, \frac{\partial}{\partial s} (s G_1) - \frac{\partial G_2}{\partial s} + T_2 \operatorname{ctg} \alpha + \rho s - \rho \beta s^2 \frac{\partial^2 p}{\partial t^2} = 0$$

On the Application of Similarity to Dynamical Problem SOV/20-125-5-9/61
for a Conical Shell

Here t denotes time, p - the pressure exercised by the mobile stress, ρ - the density of the material, T_1 and T_2 - the meridional and azimuthal tensile stress, G_1 and G_2 - the meridional and azimuthal bending moment, u and w - the displacements of the points of the central surface of the shell with respect to the tangent to the meridian and the internal normal respectively, s - the distance from the vertex of the cone to the investigated element, α - the half of the angle of aperture of the cone, β - the angular thickness of the shell. The quantities T_1 , T_2 , G_1 and G_2 relate to the unit of length of the corresponding normal sections; the corresponding formulas are explicitly written down. For reasons of symmetry no tangential stresses occur. The conical shell is assumed to be infinite, and therefore no constant linear dimensions whatever are given. The solution of the dynamical problem is carried out by application of similarity. The solution of the initially written down equations may be written down as $u = s\bar{u}(\xi)$, $w = s\bar{w}(\xi)$, where ξ denotes a new and independent variable to be determined

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On the Application of Similarity to Dynamical Problem SOV/20-125-5-0/61
for a Conical Shell

from the formula $\xi = s/vt$. In consideration of the formulas given, the system of equations written down above may be reduced to two ordinary differential equations with variable coefficients. In order to simplify the approximated solution of the problem $\nu = 0$ is assumed for Poisson's coefficient. After some further steps the system of equation is further simplified and becomes an ordinary differential equation of the sixth order with variable coefficients. In conclusion, the boundary conditions are briefly discussed.

ASSOCIATION: Institut mekhaniki Akademii nauk SSSR (Institute of Mechanics of the Academy of Sciences, USSR)

PRESENTED: November 21, 1958, by M. A. Lavrent'yev, Academician

SUBMITTED: October 23, 1958

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10(2)

SOV/20-126-4-10/62

AUTHOR: Gerasimov, I. S.

TITLE: On an Asymptotic Integration of the Differential Equation of the Automodel Dynamic Problem (Ob asimptoticheskom integrirovanii differentsial'nogo uravneniya odnoy avtomodel'noy dinamicheskoy zadachi)

PERIODICAL: Doklady Akademii nauk SSSR, Vol 126, Nr 4, pp 727 - 729 (USSR)

ABSTRACT: In one of the author's earlier papers (Ref 1) a system of differential equations was dealt with, which describes the motion of an elastic element on a conical surface, in which case the thickness of the elastic element is put proportional to the distance from the top. An asymptotic solution was found to be possible. This system of equations is given by (1), and is then reduced in (2) to an ordinary linear inhomogeneous differential equation. The coefficients occurring in (2) are explicitly given, and by the application of asymptotic integration the general integral (5) is obtained. The partial integral is determined by variation of the constants. In conclusion, the formulas (8) for the tensile force, the bending moment,

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On an Asymptotic Integration of the Differential
Equation of the Automodel Dynamic Problem

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and for deformation are given. There are 4 references, 3 of
which are Soviet.

ASSOCIATION: Institut mekhaniki Akademii nauk SSSR (Institute of Mechanics
of the Academy of Sciences , USSR)

PRESENTED: February 6, 1959, by M. V. Keldysh, Academician

SUBMITTED: February 5, 1959

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- 27803

S/508/60/028/000/021/022
D251/1305

24.4200 2607

AUTHOR: Gerasimov, I.S. (Moscow)

TITLE: On the axisymmetric deformation of a closed circular cylindrical shell

PERIODICAL: Akademiya nauk SSSR. Otdeleniye tekhnicheskikh nauk. Inzhenernyy sbornik, v. 28, 1960, 241 - 246

TEXT: The author considers a circular cylindrical shell with elastic-contact on the contour of the plane base, under the action of an internal pressure p , a radial pressure P compressing the base, and an external pressure p_1 . ($p_1 - p = q$) The case of elastic deformation is considered. The base of the shell is considered as a circular plate. The differential equation of axisymmetric bending for such a plate is

$$\frac{1}{r} \left\{ r \frac{d}{dr} \left[\frac{1}{r} \frac{d}{dr} (r \frac{dw}{dr}) \right] \right\} = \frac{q}{D}, \quad (1)$$

where $q = \text{const}$ is the pressure on unit area, $D = Eh^3/[12(1-\nu^2)]$

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On the axisymmetric deformation ...

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D251/D305

is the cylindrical rigidity where E is Young's modulus and ν is Poisson's coefficient. [Abstractor's note: w is not defined, but is, presumably, the deflection]. Solving (1) and substituting the boundary conditions

$$r = \alpha, w = 0, \frac{dw}{dr} = -\varphi_0, M_r = M_0 \quad (2)$$

gives

$$w = \frac{\varphi_0}{2\alpha}(\alpha^2 - r^2) + \frac{q}{64D}(\alpha^2 - r^2)^2, \quad (3)$$

where M_0 is the elastic bending moment of the base and φ_0 is the angle of turn of a radial element of the shell on the contour. The differential equation for axisymmetric bending of the cylindrical part of the shell is

$$w_1^{IV} + \frac{12(1-\nu^2)}{\alpha^2 h_1^2} w_1 = \frac{1}{D_1} \left(\frac{1}{\alpha} \sigma_1 - p \right) \quad (5)$$

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On the axisymmetric deformation ...

where $D_1 = [Eh_1^3/(12(1 - \nu^2))]$ is the cylindrical rigidity of the shell, h_1 is the thickness, $\sigma_1 = T_1/h_1$ is the mean axial stress on the wall of the cylinder, and equals q at the bottom, T_1 is the specific axial effort. By means of the change of coordinates and inserting specific boundary conditions the solution of (5) is found to be

$$w_1 = e^{-\xi} [(w_0 - w_\infty) \cos \xi + (w_0 - w_\infty - q_0 l) \sin \xi] + w_\infty \quad (10)$$

where

$$w_\infty = \frac{2q_0}{E} \sigma_1 - \frac{\sigma_1^2 p}{Eh_1}$$

The maximum bending of the cylindrical part of the shell is shown to occur at

$$\xi = \arctg \frac{q_0 l}{q_0 l + 2w_\infty}$$

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On the axisymmetric deformation ...

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and to have the value

$$w_{max} = w_{\infty} - \frac{1}{\sqrt{2}} \sqrt{\varphi_0^2 l + 2\varphi_0 l w_{\infty} + 2w_{\infty}^2} e^{-\arctg \frac{\varphi_0 l}{\varphi_0 l + 2w_{\infty}}} \quad (17)$$

The author then considers the case of elastic-plastic deformation. In the case of small bending, the deformation of the base may be found from

$$w_2 = \frac{\varphi_0}{2a} (\alpha^2 - r^2) + \Lambda (\alpha^2 - r^2)^2 \quad (19)$$

where the parameter Λ must be found from the variation of the equilibrium equation. The equation for $\partial W/\partial A$ is then derived, where \bar{w} is the work of deforming unit surface area, and hence Λ is found from the cubic

$$A^3 + \alpha A^2 + \beta A + \mu = 0, \quad (27)$$

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$$\alpha = -\frac{124,8\varphi_0}{1213,4 a^3}, \quad \beta = -\frac{24 \lambda h^2 \varphi_0^2 - 32a^2}{3640,3 \lambda h^2 a^4}, \quad \mu = \frac{q}{1213,4 \lambda h^2 D a^4}$$

✓

On the axisymmetric deformation ...

27803
S/508/60/028/000/021/022
D251/D305

[Abstractor's note: λ not defined]. Hence φ_0 is given by

$$\varphi_0^2 - 40a^2 A \varphi_0^2 - \frac{(10aD_1 + 15/D - 2a^4(\lambda h^3 D) a^4)}{3D\lambda h^3} \varphi_0^2 - \frac{[5D_1 w_{03} - 20a^4 h^2 DA - 256a^4(\lambda h^3 D)]}{3(\lambda h^3 D)} = 0. \quad (28)$$

and an approximate solution may be obtained. The author states that the remaining stresses and deformations may be found from the load theorem [Abstractor's note: Theorem not stated]. There are 2 Soviet-bloc references.

SUBMITTED: May 19, 1959

Card 5/5

H

S/140/62/000/004/002/009
C111/C333

01.07.62
AUTHOR: Gerasimov, I. S.
TITLE: The influence of a movable load on a conic basin
PERIODICAL: Vysshiye uchebnyye zavodeniya. Izvestiya. Matematika, no.4,
1962, 33-37

TEXT: Considered is a circular elastic conic basin the thickness of which is proportional to the distance of the vertex, and on which acts a constant axialsymmetrical pressure p which with the surface forms the angle α (the semi aperture angle of the cone) and which is extending with constant velocity from the vertex along the symmetry axis. The author states that the motion of a basin element is described by the system

$$\frac{\partial^2}{\partial s^2} (sT_1) - T_2 + p \cos \alpha - \rho \beta s^2 \frac{\partial^2 u}{\partial t^2} = 0, \quad (6)$$

$$\frac{\partial^2}{\partial s^2} (sG_1) - \frac{\partial G_2}{\partial s} + T_2 \operatorname{ctg} \alpha + p \sin \alpha - \rho \beta s^2 \frac{\partial^2 w}{\partial t^2} = 0$$

Card 1/3

The influence of a movable load ...

S/140/62/000/004/002/009
C111/C333

where s is the distance of the element from the vertex of the cone, u and w being displacements along the meridian and the inner normal,

$\beta = \frac{\delta}{s}$, δ being the thickness of the basin, ρ being the density, G_1 and G_2 being bending moments, T_1 and T_2 being dilatation forces. The solution of (6) is searched with the set-up

$$u = s\bar{u}(\xi), \quad w = s\bar{w}(\xi) \quad (7)$$

JA

where $\xi = \frac{s}{vt}$, so that (6) is reduced to a system of two ordinary differential equations. This latter is for the Poisson coefficient $\nu = \frac{1}{2}$, reduced to one single equation of 6-th order with variable coefficients, being only partly given, which is then asymptotically integrated under the supposition of quickly changing solutions. As boundary conditions the author chooses in the case $\xi < 1$:

$$\xi = 1, \quad u = w = \frac{\partial w}{\partial s} = 0 \quad (14)$$

Card 2/3

The influence of a movable load ... S/140/62/000/004/002/009
C111/C333

where $0 \leq s \leq 1$, and in the case $\xi > 1$:

$$\xi = \infty, u = w = \frac{\partial w}{\partial s} = 0$$

where $0 \leq s \leq \infty$.

ASSOCIATION: Institut mekhaniki AN SSSR (Institute for Mechanics of the Academy of Sciences of the SSSR)

SUBMITTED: June 30, 1959

JA

Card 3/3

GERASIMOV, I.V.; KARABANOV, D.N.

Purifying sewage from petroleum refineries by electric flotation.

Izv. vys. ucheb. zav.; neft' i gaz 4 no.11:59-63 '61.

(MIRA 17:2)

1. Ufimskiy neftyanoy institut.

GERASIMOV, I.Ya.; IZRAYLEVICH, L.A.

Effect of a paying load on the performance of jolting mechanisms
on molding machines. Lit. proizv. no.8:17-20 Ag '62. (MIRA 15:11)
(Machine molding (Founding))

GERASINOV, I.Ya.; IZRAYLEVICH, L.A.

Simplified characteristic curve of the jolting mechanism on a
molding machine. Lit.proizv. no.2:26-27 F '62. (MIRA 15:2)
(Machine molding (Founding))

GERASIMOV, I.Ya.; IZRAYLICH, L.A.

Device for investigating jolt-squeezer molding machines. Izv.
tekh. no.3:25-27 Mr '62. (MIRA 15:2)
(Molding machines--Testing)

GERASIMOV, K.

"Concerning the training of men for forest supervisors."

p. 35 (Gorsko Stopenstvo, Vol. 14, no. 4, 1958, Sofia, Bulgaria)

Monthly Index East European Accessions (MEEA) LC, Vol. 7, No. 9,
September 1968

GERASIMOV, K.

The seven-year plan sets up goals. Izobr. i rats. no. 9:3-4 S '60.
(MIRA 13:10)

1. Predsedatel' Gosplana RSFSR.
(Technological innovations)

TURKIN, Boris Vasil'yevich; CHERASIMOV, K.A., retsentsent; DUGINA, N.A.,
tekhnicheskly redaktor

[Repair and adjustment of measuring instruments; the experience of
a machinist-adjuster] Remont i iustirovka izmeritel'nykh priborov;
iz opyta mekhanika-iustirovshchika. Moskva, Gos. nauchno-tekhn.
isd-vo mashinostroit. lit-ry, 1956. 99 p. (ML3A 10:1)
(Weighing machines)

DONSKOY, S.M.; ZENSKOV, N.Ya.; OSENOV, V.I.; POTAPOV, A.I.;
UDALINZHINA, A.S.; YAROSHUK, D.Ya.; VAYNER, M.S.; VERNYI,
Ye.A.; CHURKIN, D.I.; GERASIMOV, K.A.; ZIBRIN, D.A.;
AYKHENVAL'D, Ye.L.; KOZLOV, A.I.; BULANOV, A.G.;
OSTROVSKAYA, L.N.; TAUBES, I.S.; PETROV, Z.I.; POTEPALOV,
V.A.; PECHONYY, A.D.; TROFIKOVA, A.S., tekhn. red.

[Development of power engineering in the Tatar A.S.S.R.]
Razvitie energetiki Tatarskoi ASSR. Kazan', Tatarkoe knazhnoe
isd-vo, 1961. 145 p. (MIRA 15:2)

1. Tatar A.S.S.R. Sovet Narodnogo khozyaystva. Upravleniye
energeticheskoy promyshlennosti.
(Tatar A.S.S.R.—Power engineering)

POPKOV, Solomon L'vovich; GEBASIMOV, K.M., inzh., retsenzent; KOZHEUROV, Ye.I., kand. tekhn. nauk, retsenzent; ALEKSEYEV, K.B., kand. tekhn. nauk, red.; PETROVA, I.A., red. izd-va; ROZHIN, V.P., tekhn. red.

[Principles of the electric drive servomechanism] Osnovy slediashego elektroprivoda. Izd.2., perer. i dop. Moskva, Gos. izd-vo obor. promyshl., 1958. 362 p. (MIRA 11:8)

(Servomechanisms)

GHEBASIMOV, Konstantin Mikhaylovich; SKONECHNAYA, A.D., red.; POPOV, M.D.,
tekh.red.

[In a regional economic council] V Sovete narodnogo khoz'yaistva.
Moskva, Izd-vo "Sovetskaya Rossiya," 1960. 60 p.
(Gorkiy Province--Economic policy) (MIRA 1):9)

ZHIGALIN, V.F.; AFANAS'YEV, S.A.; GERASIMOV, K.M.

Everything for man. Zdorov'e 6 no.6:1-3 Ja '60.

(MIRA 13:7)

1. Predsedatel' Moskovskogo gerodskogo Soveta narodnogo khoz'yaystva (for Zhigalin). 2. Predsedatel' Leningradskogo Soveta narodnogo khoz'yaystva (for Afanas'yev). 3. Predsedatel' Gor'kovskogo Soveta narodnogo khoz'yaystva (for Gerasimov).

(LENINGRAD PROVINCE--MEDICAL SUPPLIES)
(INDUSTRIAL HYGIENE)

Gerasimov, K.P.

3-3-3/40

AUTHOR: Gerasimov, K.P., Dotsent, Candidate of Pedagogical Sciences,
Director of the Yaroslavl Agricultural Institute.

TITLE: Let's Carefully Educate the Students' Collective (Zubotlivo vos-
pityvat' studencheskiy kollektiv)

PERIODICAL: Vestnik Vysshey Shkoly, March 1957, # 3, p 20-22 (USSR)

ABSTRACT: The article deals principally with the experiences and re-
sults of the instructors of the Yaroslavl Agricultural
Institute in their teaching. The author tells how the stu-
dents are influenced by the enthusiasm of the instructor,
especially in experimental work, and how this helps them
to learn. Many instructors not only teach the students but
also visit them at their meetings and recreations. An in-
structor is assigned to each training group to conduct a
weekly political discussion on the most important internal
and international events. They are called "agitators" and
the best of them at the Institute are the Dotsents I.I. Mak-
kaveyeva, F.K. Lebedev and the instructor F.A. Barbasov. In
July 1956, 193 Komsomol members of the Institute went for

Card 1/2

Let's Carefully Educate the Students' Collective

3-3-3/40

2 months to Aktyubinsk Province to assist the harvest campaign on 8 collective farms. They together earned 226,667 Rubles and 107,143 kg wheat.

ASSOCIATION: Yaroslavl Agricultural Institute (Yaroslavskiy sel'skokho-zyaystvennyy institut)

AVAILABLE: Library of Congress

Card 2/2

GERASIMOV, K.P., kand.pedagogicheskikh nauk (Yaroslavl')

"School circle of young beekeepers" by P.P.Maksimov. Re-
viewed by K.P.Gerasimov. Biol.v shkole no.4:92 J1-Ag
'60. (MIRA 13:7)

(Bee culture--Study and teaching)
(Maksimov, P.P.)

GERASIMOV, K.P.

Experimental work on stockbreeding in rural schools. Biol. v shkole
no.4:49-53 JI-Ag '63. (MIRA 16:9)

1. Yaroslavskiy pedagogicheskiy institut.
(Stock and stockbreeding--Study and teaching)

GERASIMOV, L.

Make a photographic chronicle of your region. Sov. foto 18
no.9:29-32 S '58. (MIRA 11:10)

(Photography)

GERASIMOV, L.A.; BARKAN, I.V.

Universal pneumatic drives for plunger blocks. Mashinostroitel'
no.9:12 S '62. (MIRA 15:9)
(Drilling and boring machinery—Pneumatic driving)

GERASIMOV, L.A.

Pipe cleaning pumps. Mashinostroitel' no.7:22 J1 '65.

(MIRA 18:7)

GERASIMOV, I.I.

Treatment of anemia patients with direct blood transfusions and
transfusions of freshly defibrinated blood. Gemat. 1 perel. krovi.
1923-25 '65. (MIRA 18:10)

1. Irkutskaya oblastnaya stantsiya perelivaniya krovi.

L 14049-65

ACCESSION NR: A340440E7

crease in the ionization gage ion current was observed during the gradual cooling of the helium trap. A gradual but sharp decrease in ion current (down to 10^{-13} amp)

ASSOCIATION: Fisika dan Matematika (Physics Department, MGU)

SUBMITTED: 30 Jul 63

ENCL: 00

SUB CODE: EC

NO REF SOV: 002

OTHER: 000

Card 2/2

GERASIMOV, L. M.

GERASIMOV, L. M.: "Some biological features of sheep of the Romanov breed." Min Higher Education USSR. Moscow Veterinary Academy. Moscow, 1956.
(Dissertation for the Degree of Candidate in Agricultural Sciences).

SO: Knizhnaya letopis', No 23, 1956

COUNTRY : USSR
CATEGORY : Farm Animals. Sheep
ABST. JOUR. : RZBiol., No. 13, 1958, No. 59540
AUTHOR : Gerasimov, L. M.
INST. :
TITLE : Certain Peculiarities of Reproduction of the
Romanovskaya Breed of Sheep
ORIG. PUB. : Ovtsevodstvo, 1957, No 8, 21-23
ABSTRACT : The Romanovskaya breed of sheep is distinguished by its fertility and the capacity of reproduction almost during the whole year round. The period of heat lasts in the majority of sheep for 59 hours, on the average, and depends on the number of the maturing follicles and the rapidity of their ripening. Multiple insemination increases the fertility of non-simultaneously discharged oviducts
CARD: 1/2

Q - 38

Country : USSR
CATEGORY : Farm Animals. Sheep

ABST. JOUR. : ZEBiol., No. 13, 1958, No. 59540

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : and augments the fecundity of the sheep. The
cont'd. interval of 24 hours between inseminations
is optimal in so far as spermatozoa preserve
their fertilizing capacity on the genital
tracts of the uterus during 36 hours. It is
requisite to shift to artificial insemination
of all dams during the period of the sexual
cycle.-- V. V. Polovtsova

CARD: 2/2

GERASIMOV, L.N.

Stratigraphy of the ignimbrite formation in the Kureyka and
Lower Tunguska interfluve. Inform. sbor. NIIGA no.31:5-11 '62.
(MIRA 16:12)

GERASIMOV, L.M.; SOKHOV, L.G.; LUSKINA, V.Yu.

Stratigraphy of the volcanic complex in the Gorbachin and
Lower Tunguska interfluve. Uch. zap. NIIGA. Reg. geol.
no.4:36-59 '64. (MIRA 18:12)

GERASIMOV, M., inzh.

Sanding truck with snow-removing equipment. Zhil.-kom.khoz. 7
no.12:23 '57. (MIRA 11:12)

(Snow plows)

GERASIMOV, M.; DOROV, L.

"Deacidification of acid petroleum asphalt by direct water steam."

TEKHNIKA. Sofia, Bulgaria., Vol. 7, No. 8, 1958

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), IC, Vol. 8, No. 7, July 1959, Unclas

GERASIMOV, M., prof.; VYTOV, V., inzh.

New technological layout for the recovery of wood resin from
extraction wastes. *Gidroliz. i lesokhim.prom.* 13 no.1:15-16
'60. (MIRA 13;5)

1. Sofiyakiy khimiko-tekhnologicheskii institut.
(Gums and resins)

L 23991-66
ACC NR: AF6007831 SOURCE CODE: UR/0120/66/000/001/0168/0174

AUTHORS: Tsukerman, V. G.; Gerasimov, V. A.; Granitskiy, L. V.;
Neyermolov, A. P.

ORG: Institute of Inorganic Chemistry, SO AN SSSR, Novosibirsk
(Institut neorganicheskoy khimii SO AN SSSR)

TITLE: Three-electrode x ray tube with automatic stabilization of radiation intensity

SOURCE: Pribery i tekhnika eksperimenta, no. 1, 1966, 168-174

TOPIC TAGS: x ray equipment, radiation intensity, stabilizer/ZER-1
~~x ray equipment~~

ABSTRACT: The authors present the results of development of an experimental model of a three-electrode x ray tube (ZER-1) with a special power supply and with a third electrode introduced to control the x ray intensity (Fig. 1). A special power supply, which comprises a modification of standard x ray-tube supply, makes it possible to operate the tube with the anode current stabilized, with the x ray emission intensity stabilized, under pulsed conditions, and with

Card 1/2 UDC: 621.386.2

L 23991-66

ACC NR: AP6007851

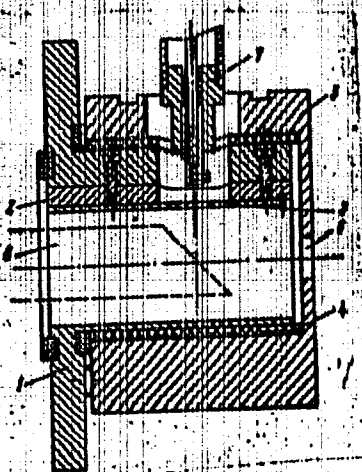


Fig. 1. Diagram of ZER-1 three-electrode x ray tube. 1 -- Base of control electrode, 2 -- segment, 3 -- guides, 4 -- ebonite ring, 5 -- x ray tube body, 6 -- opening for emergence for x rays, 7 -- tube cathode, 8 -- tube anode.

automatic control of the x ray dose. The ways of effecting the four different automatic-control operations are described in detail. A study was made of the influence of the interelectrode distance, the supply voltage, the magnitude and the shape of the control-electrode diagram on the dimensions of the focal spot, and also on the plate-grid

characteristics of the tube. The authors thank E. Ye. Vaynshteyn for continuous interest in the work and a discussion of the results. Orig. art. has: 8 figures.

SUB CODE: 20/ SUBM DATE: 30Dec64/ ORIG REF: 008/ OTH REF: 007
Card 2/2 *ds*

GERASIMOV, MIKHAIL

Bulgaria/Chemical Technology. Chemical Products and Their Application -- Treatment of natural gases and petroleum. Motor fuels. Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5501

Author: Gerasimov, Mikhail

Institution: None

Title: Concerning Bulgarian Petroleum and Its Processing

Original

Publication: Priroda (Sofiya), 1955, 4, No 3, 25-29

Abstract: No abstract

Card 1/1

GERASIMOV, M.

GERASIMOV, M. New technological scheme for production of pine oil. p. 30.

Vol. 4, no. 11, 1955
TEZHKA PROMISHLENOST.
TECHNOLOGY
Sofiya, Bulgaria

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

GFRASIMOV, M.

Concerning the Problem of the Raw Material Base for the Varnish and
Lacquer Production

TEZHKA PROMISHLENNOST (Heavy Industry) Issue #8; 12; August 1955

GERASIMOV, M.

New Technological Scheme for Obtaining of Tall Oil

TEZHNA PROMISLEENOST (Heavy Industry) Issue #11; 30; November 1955

GRAYEV, M.; RUDNEV, D.

"Concerning the utilization of sunflower oil in the linseed-oil and
lacquer industry."

GOZISHNIK: Vol.3, No. 2, 1956; Sofia, Bulgaria

Monthly list of EAST EUROPEAN ACQUISITIONS INDEX (E-AT), Library of Congress,
Vol. 8, No. 3, August, 1959

Unclassified

GERASIMOV, M.

New trends in the soap industry. p. 29. LEKA PROMISHLENCST. Sofiya.
Vol. 5, no. 2, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress.
Vol. 5, No. 8, August 1956.

GERASIMOV, M. A.

Bulgaria/Chemical Technology. Chemical Products and Their Application -- Fats and oils. Waxes, Soap. Detergents. Flotation reagents, I-25

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6388

Author: Gerasimov, M., Gateva, P., Tsaneva, D.

Institution: None

Title: Concerning the Production of Extraction Oil from Grape Seeds

Original

Publication: Ieka promishlenost, 1956, 5, No 4, 29-30

Abstract: Description of the development of the production of oil from grape seeds in Bulgaria. The oil, obtained by extraction, has a dark green color, n_{20}^D 1.475, d_{15}^{20} 0.926, acid value 9.28, saponification value 189, ester value 156.1, iodine value 131.09, viscosity according to Engler (50°) 3.88°. Uses of the extraction oil are stated (mostly for the manufacture of paint) and also the conditions under which it can be produced with a low acid value.

Card 1/1

GERASIMOV, M.; BELIAVSKI, V.

Production of substitute for pine tar. p. 46.

TRZKA PROMISHLENOST. Vol. 5, no. 5, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

GERASIMOV, M.

BULGARIA/Chemical Technology - Chemical Products and Their
Application. Lacquers. Paints. Lacquer and
Paint Coatings.

H-30

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 271-6

Author : Gerasimov M., Rushev, D.

Inst :

Title : Use of Sunflower Oil in the Manufacture of Drying Oil
and Oil Varnish.

Orig Pub : Tezhka prom-st, 1957, 6, No 2, 24-27

Abstract : The highest I-values (135-136) are those of sunflower
oil (SO) varieties from northern and mountain districts
of Bulgaria. Drying time of SO having maximum I-values
is from 20 to 24 days (oxygen values 10.3% and 10.1%,
respectively), and that of mixtures with linseed oil
varies from 10 days (with 10% SO in mixture) to 24 days
(with 90% SO in mixture). Drying oil containing 20%
SO produces coatings of good physico-mechanical

Card 1/2