

L 42126-65 EPR/T/EWA(h)/SWA(1) Feb WW
ACCESSION NR: AP5010653

UR/0119/65/000/004/0019/0020

AUTHOR: Osipovich, L. A. (Candidate of technical sciences)

TITLE: Modernization of PKD piezoquartz vibrational-acceleration sensors

SOURCE: Priborostroyeniye, no. 4, 1965, 19-20

TOPIC TAGS: sensor, acceleration sensor, vibrational acceleration sensor, piezoquartz sensor

ABSTRACT: The PKD Soviet-made piezo sensor has been modernized: its quartz crystal (having a sensitivity of approximately 2 mv/g) has been replaced with TzTS-19 material, which is a lead zirconate-titanate, $Pb(Ti, Zr)O_3$. The modernized sensor characteristics are given as follows: sensitivity, 30--40 mv/g (with a 9 Mohm load); maximum relative transverse sensitivity, 3--5%; maximum sensitivity variation within 15--1500, 10%; sensitivity variation within the acceleration range of 0.15--150 g, 5% or less; sensitivity variation within 100--10000 cps, 20% or less; maximum working temperature, 150--200C; resonance frequency, 20 kc; vibrational-acceleration measurement range, 0.05--500 g; sensor weight, 17 g. [03]

Card 1/2

L 42126-65

ACCESSION NR: AP5010653

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 003

OTHER: 000

ATD PRESS: 3239

Card 2/2

L 20223-65 EWT(m)/EWP(e)/EWP(w)/EWP(b) PQ-4 SSD/AFWL/AFTC(p) EM/WII

ACCESSION NR: AP4038888

S/0119/64/000/005/0019/0021

..JTHOR: Osipovich, L. A.

TITLE: PKD-type precision miniature piezo-quartz sensors of vibration acceleration

SOURCE: Priborostroyeniye, no. 5, 1964, 19-21

TOPIC TAGS: vibration, vibration measurement, vibration acceleration, vibration sensor, piezo quartz vibration sensor

ABSTRACT: The specifications for a modern vibration acceleration sensor are formulated. Two spring-type designs (drawings supplied) of the new precision sensors are briefly described. Their common features are: miniature size; common center of gravity of inertial and sensitive elements; all contacts between the inertial element, quartz plates, diaphragm, and the housing are filled with a nondrying silicone composition; the materials and dimensions selected preclude

Card ./2

L 20223-65

ACCESSION NR: AP4038888

any temperature deformation of the quartz plates; inertial elements are made from TT-1 tantalum and springs and diaphragms, from Br. B2, 5 beryllium bronze, etc.; the minimum cross sensitivity is ensured by mutually turning the quartz plates; small weight, 12-17 g. The difference between the two designs is that one of them is completely symmetrical. These ratings are also reported: sensitivity, 1-2.5 mv/g; max relative cross sensitivity, 3-6%; resonant frequency, over 20 kc; max operating temperature, 200C; vibration-acceleration measurement range, 0.05-500 g. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, AS

NO REF SOV: 006

OTHER: 000

Coro 2/2

L 2646-66 EWT(d)/EWT(1)/EWP(v)/EWP(k)/EWP(h)/EWP(1)/EWA(h)
ACCESSION NR: AP5026110 UR/0119/65/000/010/0024/0025
621.3.083:62-278

5C
B

AUTHOR: Osipovich, L. A. (Candidate of technical sciences); Smylov, I. I. (Engineer)

TITLE: Semiconductor miniature pressure sensor 25

SOURCE: Priborostroyeniye, no. 10, 1965, 24-25

TOPIC TAGS: pressure measuring instrument 14

ABSTRACT: A flat diaphragm 1 made from 0.1-mm beryllium bronze is soldered into the housing 2 of the pressure sensor (see Fig. 1 of Enclosure). Screw 3 presses against the free end of "beam" 4 made from a 0.5-mm thermally-treated beryllium bronze. The other end of the "beam" is constrained between plates 5. Strain-gage elements 6 made from dendritic p-germanium 0.2-0.35-mm foil are cemented with an epoxy adhesive to the both sides of the "beam". The diaphragm maximum deflection is 0.25 mm; the current-voltage characteristic of the sensor is almost linear. Other characteristics are: resonant frequency, 1200 cps; maximum working temperature, 70C; pressure measurement range, 0-400 torr; basic error, $\pm 1\%$; strain-element resistance, 50 ± 1 ohms; strain sensitivity factor, 45; and weight, 50 g. Orig. art. has: 7 figures and 1 formula. [03]

Card 1/3

L 2646-66
ACCESSION NR: AP5026110

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 006

ENCL: 01

OTHER: 001

SUB CODE: IE

ATD PRESS: 4124

0

Card 2/3

L 2646-66

ACCESSION NR: AP5026110

ENCLOSURE: 01

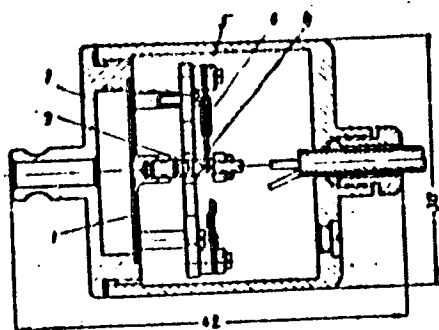


Fig. 1. Semiconductor pressure sensor

Card 3/3 EP

I 18871-86 ENI(m)/ENP(t) LJP(c) JD
ACC NR: AP6007595 SOURCE CODE: UR/0119/66/000/002/0014/0016

AUTHOR: Osipovich, L. A. (Candidate of technical sciences); Smyslov, I. I.
(Candidate of technical sciences)

20
B

ORG: none

TITLE: Process of manufacturing semiconductor strain gages from dendritic germanium
55, 27

SOURCE: Priborostroyeniye, no. 2, 1966, 14-16

TOPIC TAGS: strain gage, dendritic germanium

ABSTRACT: Dendritic strain gages are prepared by means of cutting up germanium ribbon with a corundum needle and soldering the leads (ohmic contacts) to the ends of each cut length. The resulting strain gages have these data: length, 5 and 10 mm; thickness, 0.2--0.3 mm; resistivity, 1 ohm.cm; gage resistance, 50--500 ohms; longitudinal sensitivity, 50--100; lateral sensitivity, 5%; maximum working temperature, 50C; other details given. Processing devices, solder composition, tolerances, and some manufacturing techniques are given. Orig. art. has: [03]
3 figures and 2 tables.

SUB CODE: 13. SUBM DATE: none / ORIG REF: 002 / OTH REF: 002/ ATD PRESS: 4217

Cord 1/1

UDC: 658.512:621.315.592:531.781

L 23519-66 EMP(e)/EMT(m)/EMP(v)/EMP(j)/T/EMP(t)/EMP(k)/ETC(m)-6 IJP(c) JD/MS/HM?
ACC NR: AP6012703 RM/WH SOURCE CODE: UR/0119/66/000/004/0020/0020

AUTHOR: Osipovich, I. A. (Candidate of Technical Sciences);
Smyblon, I. I. (Candidate of Technical Sciences)

ORG: none

TITLE: Prospects for the application of metallic adhesives

SOURCE: Priborostroyeniye, no. 4, 1966, 20

TOPIC TAGS: adhesive, metal joining, permanent joint, metal bonding

ABSTRACT: The paper deals with the relatively new method of metal bonding by metallic adhesives, frequently termed as "cold soldering" in Western literature. The technological operations involved (applying a paste-like compound to pretreated surfaces, curing, heat treating, setting, formation of solid solutions, which resembles the polymerization of organic adhesives) make the method of permanent joining comparable to gluing rather than to soldering, which is regarded as a commercial term. The authors call the adhesive compound capable of withstanding high-temperature operations "metallic glue" or "mekladin" (an acronym for a glue made at the Laboratory of Machine Dynamics). The most valuable and promising characteristics of mekladin to determine appropriate areas of use, include: a) capacity of producing strong

Card 1/2

L 23579-66

ACC NR: AP6012703

electroconductive joints for normal-temperature operation without fluxes; b) capacity of making strong bonds between parts of heterogeneous material, (metal to ceramics,^b metal to polymer, etc.); c) capacity of expanding during setting, ensuring bonding of parts under tension; d) capacity of producing refractory materials at normal temperatures. [LD]

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 005/ OTH REF: 002/

Cord

2/2 BK

OSIPOVICH, E.

On board for state interests. Fin. SSSR 20 no. 6:7 - 17
(MIRA 1:1)
(Leningrad--Finance)

OSIPOVICH, M.

Collective work and fellow workers' mutual assistance. Fin.
SSSR 23 no.4:67-76 Ap '52. (MIRA 15:4)
(Moscow--Industrial management) (Moscow--Financial employees)

OSIPOVICH, M. (g. Noginsk, Moskovskoy oblasti)

The bank and construction. Fin. SSSR 19 no.10:65-71 0 '58.
(MIRA 11:11)

(Noginsk--Construction industry--Finance)

OSIPOVICH, M.

Head of a district financial department. Fin. SSSR 19 no.6:78-82
Je '58. (MIRA 11:6)

(Flavsk—Finance)

L 63759-65 EWT(1)/EEC-4/EEC(t)/T/FCS(k) Pac-4/P1-4/PJ-4/P1-4 WR

ACCESSION NR: AP5010684

UR/0141/65/008/001/0142/0152

AUTHOR: Markov, G. T.; Duplenkov, D. A.; Osipovich, N. F.

33
32
B

TITLE: Radiation from a prolate spheroidal impedance antenna 25B

SOURCE: IVUZ. Radiofizika, v. 8. no. 1, 1965, 142-152

TOPIC TAGS: spheroidal antenna, impedance antenna, directivity pattern

ABSTRACT: The article deals with a prolate spheroid with impedance surface (having finite conductivity), excited by an annular slot (an infinitely narrow loop of surface magnetic-current density, dropped on the surface of the spheroid). The surface impedance and the field in the slot are independent of the azimuthal coordinate. The solution is sought in the form of an expansion of the unknown electromagnetic field in a system of spheroidal functions. The impedance spheroid is assumed to be coaxial with the exciting magnetic loop. In the general case, when the surface impedance is specified, the boundary conditions on the surface of the spheroid are satisfied only for the total field. In one particular case, however, when the surface impedance exhibits a dependence on the longitudinal coordinate, each spatial harmonic separately satisfies the boundary conditions, and the solution can

Card 1/2

L 63759-65

ACCESSION NR: AP6010684

be obtained in relatively simple form. By choosing the magnitude of the surface impedance and leaving the law governing its variation unchanged, it is possible to emphasize any particular spatial harmonics and by the same token modify greatly the directivity characteristics of the antenna. Directivity patterns are calculated in this manner for two dimensions of the spheroid, and for different positions of the slot along the spheroid axes, as well as for different surface impedances. The results are illustrated with numerous plots. It is pointed out in the conclusion that the radiation of prolate spheroidal antenna with arbitrary magnitude and with arbitrary variation of the impedance along the body can be calculated in the same manner, but the evaluation of the coefficients will then entail great mathematical difficulties. Orig. art. has: 13 figures, 18 formulas, and 1 table.

ASSOCIATION: Moskovskiy energeticheskiy institut (Moscow Power Engineering Institute)

SUBMITTED: 04Mar64

ENCL: 00

SUB CODE: EC, EM

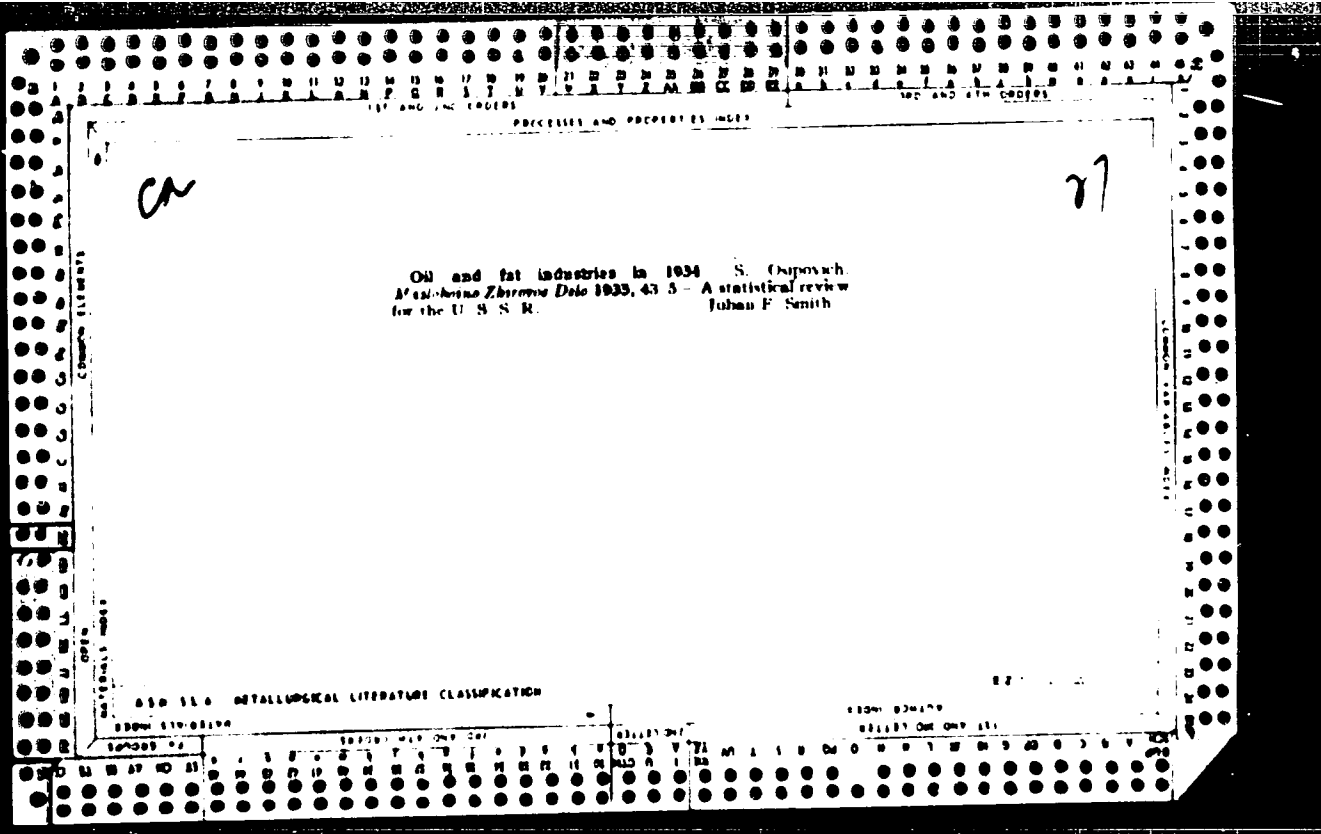
NR REF SOV: 002

OTHER: 002

Card ^{2/2}

С. С. П. В. 11:6
SHAN'KO, Boris Dmitriyevich, kapitan dal'nego plavaniya; OSIPOVICH, P.O.,
red.; TIKHONOVA, Ye.A., tekhn.red.

[Problems of anchorage] Voprosy iakornoj stolanki. Moskva,
Izd-vo "Morskoi transport," 1957. 210 p. (MIRA 11:6)
(Anchorage)



USSR/General Division. Problems of Teaching. A-7

Abs Jour : Ref Zhur-Biologiya, No , 1957, 451-46

Author : M. N. Olovich

Inst : -

Title : Organization of Productive Agricultural
Work Done by Students

Orig Pub : In: Vpomoshch' uchitelyu, Issue 17,
Nal'chik, 1955, 46-62

Abstract : No abstract.

Card 1/1

OSIPOVICH, V.; FILIP'YEV, P.

Reorganization of raw leather shops. *Mias.ind.SSSR* 33 no.5:24-26
'62. (MIRA 15:12)

1. Dnepropetrovskiy myasokombinat.
(Hides and skins)

OSIPOVICH, V.; NOVICHKOV, V.

Technical remodeling of the production layout. *Mias. ind. SSSR*
10 no.3:5-7 '59. (MIRA 12:9)

1. Dneprepetrovskiy myasokombinat.
(Dneprepetrovsk--Meat industry--Equipment and supplies)

L 17976-65 EWT(1)/EWA(b) AMD JK
ACCESSION NR: AP5002645

S/0016/64/000/010/0155/0156

AUTHOR: Sinitskiy, A. A. (Professor); Osipyan, V. T. (Candidate of medical sciences) B

TITLE: A review of Prakticheskaya dezinfektsiya (Leningradskaya sistema obsluzhivaniya epidochagov iz yedinogo tsentra) (Practical disinfection (the Leningrad system of treating epidemic foci from a single center), edited by G. Ya. Zmeyev, The Practicing Physician's Library, 1964

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii. no. 10, 1964, 155-156

TGPIC TAGS: disease control, health service

Abstract: The book describes the Leningrad centralized system of disinfection and describes changes introduced in the system in recent years. The method consists of centralizing all primary disinfection measures in the city disinfection station. The reviewers commend the book's style and format, enumerate several minor inconsistencies and lapses in its text, and suggest that the Leningrad experiment will be a useful model in organizing disinfection operations in other cities.

Card 1/2

L 17976-65

ACCESSION NR: AP5002645

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 000

ENCL: 00

OTHER: 00

0
SUB CODE: GO, LS

JPRS

Card 2/2

OSIPYAN, V.F.; KAUPELINA, A.A.

Methodology for differentiating the bacteriologic and bacterio-
static action of preparations of the quaternary ammonium compound
group. Lab. note, n. 1173-4, 1965. (U.S.A. 1-1)

1. Voenno-mekhanicheskaya shkola. Len. in. akademiya im. S.M. Zhukova,
Leningrad.

KOROLENKO, TS. P., assistant; OSIPOVICH, V. V., mladshiy nauchnyy sotrudnik; Prinimala uchastiye: PASTUKHOVA, E. S., tehnik-laborant

Study of thyroid gland function by the radioactive iodine 131 method in acrichine "psychosis" in animals. Trudy Novosib. gos. med. inst. 37:179-183 '61. (MIRA 1:6)

1. Novosibirskiy nauchno-issledovatel'skiy sanitarnyy institut (direktor starshiy nauchnyy sotrudnik Ye. M. Gorbachev)(for Osipovich).

(THYROID GLAND) (QUINACRINE—TOXICOLOGY)
(PSYCHOSES) (IODINE—ISOTOPES)

EXCERPTA MEDICA Sec 3 Vol 12/9 Endocrinology Sep 58

1735. HORMONAL INFLUENCE ON COMPENSATORY HYPERTROPHY OF THE KIDNEY (Russian text) - Osipovich V. V. Dept. of Physiol., Med. Inst., Novosibirsk - BYULL. EKSPER. BIOL. I MED. 1957, 43/3 (37-38)

Compensatory hypertrophy of the kidney following unilateral nephrectomy was considerably greater in rats kept at low temperatures than in animals living in warm surroundings. Presumably, this effect depends upon an increase in the production of TSH, since the administration of methylthiouracil to rats during hypothermia markedly influenced the compensatory hypertrophy.

Raskin - Leningrad (S)

USSR/Human and Animal Physiology, Exercise

Abstr Jour: *Journal of Applied Physiology*, N. 19, 1957, No. 5, 943

Author: *Y. I. Ivanov*

Inst: *USSR Academy of Sciences*

Title: *Cardinal Influences of the Environment on Renal Hypertension*

Orig. Publ: *Sov. Eksp. Biol. Med.*, 1957, 43, No. 5, 943

Abstract: The hypertrophy of the renal glomerulus in sexually mature rats kept in an elevated pressure (10-12% fall with respect to sea level) was more pronounced than in the control group. The environment was *hypobaric*. The injection of *37* mg of *thyroxine* per day into the renal artery of the rats kept in an elevated pressure resulted in a hypertrophy of the renal glomerulus similar to that observed in the control group. The results of the experiment show that the effect of the environment on the hypertrophy of the renal glomerulus is secondary to the effect of the thyroid gland.

Card: *1957*

OSIPOVICH, V.V.

Effect of hormones on compensatory hypertrophy of the kidneys [with summary in English]. *Biul. eksp. biol. i med.* 43 no. 1:137-139 Mr '57.

(MIRA 10:7)

1. Iz kafedry fiziologii (nauchnyy rukovoditel' - chlen-korrespondent ANU SSSR A.G. Ginetzinskiy) Novosibirskogo meditsinskogo instituta (dir. - prof. G.D. Zalesskiy), Novosibirsk. Prestaviens deyatvitel'nyy chlenom ANU SSSR L.A. Orbelli.

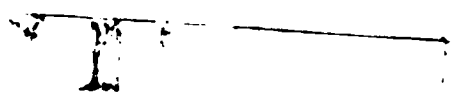
(KIDNEY DISEASES, exper.)

compensatory hypertrophy following unilateral nephrectomy, eff. of temperature & role of thyrotropic hormone (Rus))
(TEMPERATURE, eff.)

on compensatory renal hypertrophy after unilateral nephrectomy, role of thyrotropic hormone (Rus))
(THYROTROPIC HORMONE, physiol.)
role in compensatory renal hypertrophy after unilateral nephrectomy, eff. of temperature (Rus))

EXCERPTA MEDICA Sec 9 Vol 13/4 Surgery Apr 59

2066 HORMONAL INFLUENCE ON THE COMPENSATORY HYPERTROPHY OF
THE KIDNEY (Russian text) - Oshpovitch V. V. Dept. of Physiol. Med
Inst. Novosibirsk - BYULL EKSPER BIOL I MED 1957 43 3 (37-38)
Compensatory hypertrophy of the kidney following unilateral nephrectomy was
considerably greater in rats kept at low temperatures than in animals living in
warm surroundings. Presumably this effect depends upon an increase in the
production of the thyrotropic hormone of the pituitary, since the administration of
methylthiouracil to rats during hypothermia markedly influenced the compensatory
hypertrophy.
Raskin - Leningrad (S)



OSIPOVICH, Yu.

Remodeling of the cold storage warehouse of the Odessa Meat
Combine. Khol. tekhn. 36 no.2:51-52 Mr-Ap '59. (MIRA 12:8)
(Odessa--Cold storage warehouses)

14(1)

SOV 64 59 11 31

AUTHOR: Osipovich Ya

TITLE: Reconstruction of the Cold Storage Plant of the Odessa Meat Combine (Rekonstruktsiya kholodil'nika Odeskogo myasokombinata)

PERIODICAL: Kholodil'naya tekhnika 1959 Nr 2 pp 51-52 (USSR)

ABSTRACT: The Cold Storage Plant of the Odessa Meat Combine has undergone a number of changes and reconstructions during the past 5 years. Insulation has been partly replaced, some compartments have been reequipped and changed to freezers; temperature of cold storage rooms has been changed from $+10^{\circ}\text{C}$ to -18°C ; the refrigerating system has been altered and a new condenser with splash basin on the sea shore has been installed. For the purpose of intensification of the refrigerating processes the Shchertakov system of direct refrigeration of the compartments has been adopted by means of cascade type partly filled batteries with jet type cold air distribution. The cellar which used to be flooded has been reconstructed giving additional storage space of 700 tons capacity. The cold-producing capacity of the refrigeration plant has been substantially increased and will be further raised by the installation of 2 new compressors of the

Card 1/2

NOV 68-69-11-11-11

Reconstruction of the Cold Storage Plant of the Lenin Meat Combine

S-10 type with a 150,000 standard kcal/hr capacity each. In the reconstruction of the plant participated the Odesskiy tekhnicheskii i naukiy institut pishchevoy i khimicheskoy promyshlennosti (Odessa Technical Institute of the Food and Refrigeration Industries).

Card 2/2

OSIPOVICH, Zh. S. *Case Med Sci* — (diss) "Development, structure
and connections of the pudental nerve in man and in the cat,"
Smolensk, 1960, 16 pp, 200 cop. (Smolensk State Medical Institute)
(KL, 44-60, 132)

OSIPOVICH, Zh.S.

Development and synapses of the pudendal nerves in cats [with summary in English]. Arkh.anat.gist. 1 embr. 35 no.6:77-83 N-D '58.

(MIRA 12:1)

1. Iz kafedry normal'noy anatomii (sav. kafedroy - chlen-korrespondent AN BSSR, professor D.M. Golub) Minskogo meditsinskogo instituta. Adres avtora: g. Minsk, Meditsinskiy institut, kafedra normal'noy anatomii.

(PELVIS, innervation,

pudendal nerve, develop. & synapses in cats (Rus))

(SYNAPSES,

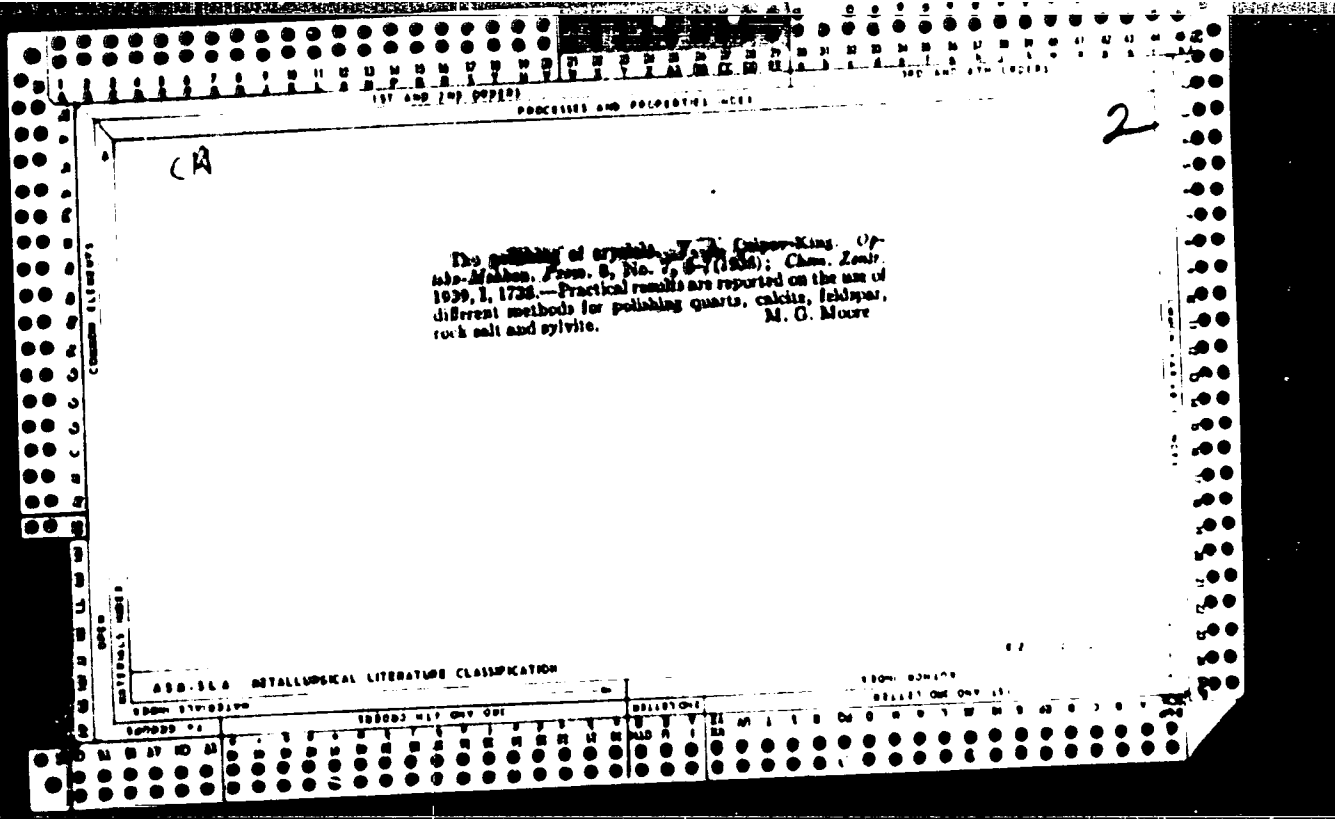
pudendal nerve in cats (Rus))

OSIPOVICH, Zh.S.

Transverse connections between the pudenal nerves. Vop.morf.
perif. nerv. sist. no.5:12^a-135 '60. (MIRA 12:12)
(PUDENAL NERVE)

Osipov, K. A.

62
On the Relation Between Melting Temperature and the Strength of Metallic Alloys at Elevated Temperatures. K. A. Osipov (*Doklady Akad. Nauk S.S.S.R.*, 1948, 61, 117-118). [In Russian]. Mech. tests carried out at 1100° C. on solid soln. Fe-Cr, Fe-Ni, Co-Ni, and Mn-Ni alloys quenched from 1160° C. showed a correlation between strength at elevated temp. and the solidus curve in each case.—N. B. Y.



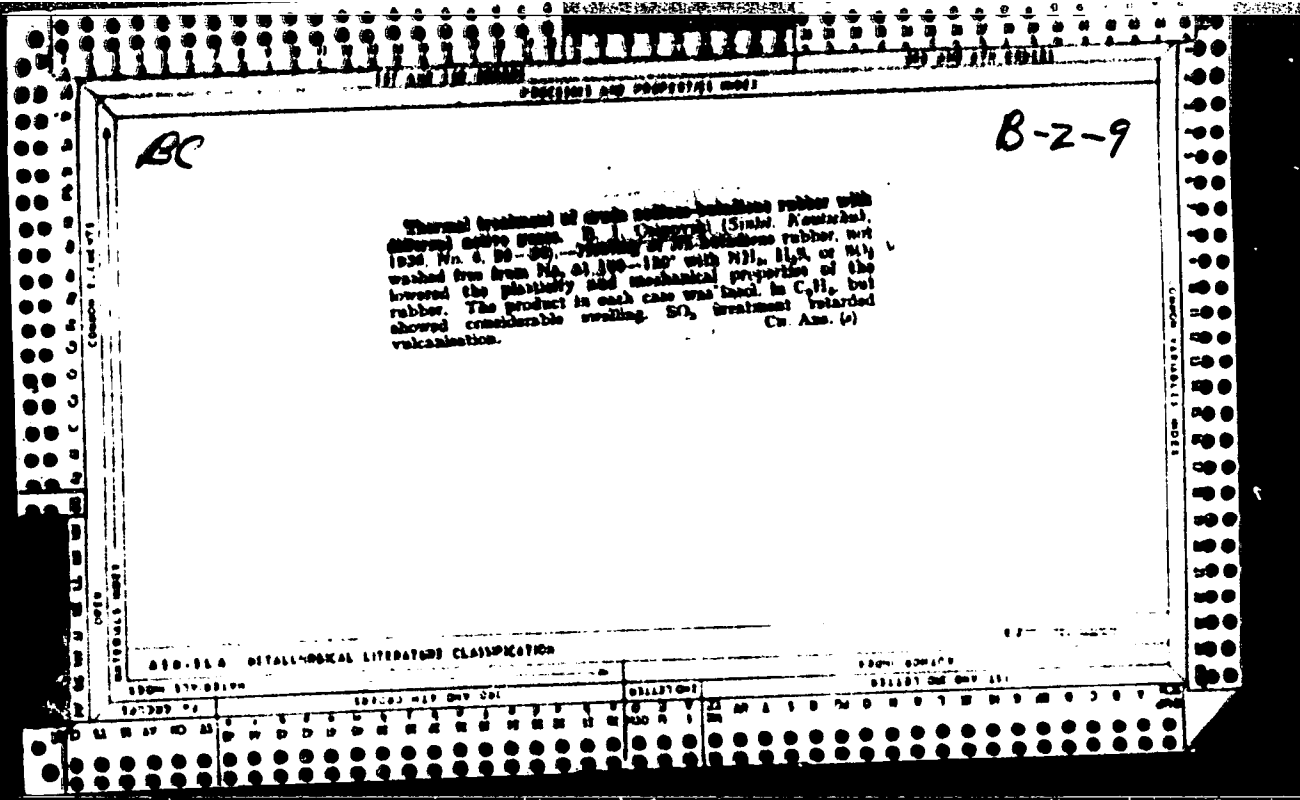
OSIPOVS, Leonids; GRAUDINA, V., red.; UDRE, V., tekhn. red.

[Main processes and apparatus in chemical technology]
Kīmijas tehnoloģijas pamatprocesi un aparāti. Rīga,
Latvijas Valsts izdevniecība. Vol.1. 1962. 554 p.
(MIRA 16:5)
(Chemical engineering--Equipment and supplies)

Osipovs, L.

USSR

Thermal decomposition of sodium nitrate. L. Osipovs and A. Ivinsk. *Lobnyy P'isr Zhivaya Hlad. Khim. 1954, No. 7 (Whole No. 84), 83-90 (in Russian).*—Thermal decomposition of NaNO_3 at 3000° yielded 21 oxides corresponding to 19–23% of available HNO_3 . In presence of H_2O vapor, the yield was 30%. Better yields were obtained at 800–1000° in mixts. with some oxides (1 mol. NaNO_3 + 2 mols. oxide): FeO , 98.6; MnO , 97.8. With MnO , the optimal yield was at 800° . Amphoteric and acidic oxides such as those of Al, Si, Ti, and Co, increased, while the basic oxides (Zn, Ni, and Mg) decreased the yields of HNO_3 . NaMnO_4 was formed at $700\text{--}800^\circ$ in mixts. with less than 50% MnO . Andrew Dravnieks



OSIPOVSKIY, A.I.; APANAS'YEV Yu.I., PAUPER, A.I.; SUKHANOV, Yu.S.

Developmental anomalies and malformations of the central nervous system in the offspring of gamma-irradiated animals.
Radiobiologiya 3 no.1:88-92 '63. (MIRA 16:2)

1. 1-y Moskovskiy ordena Lenina meditsinskii institut.
(GAMMA RAYS--PHYSIOLOGICAL EFFECT) (BRAIN)

OSI/MO/IN, A. 1.

"On the Toxicity of Sodium Sulphoxide ... the effect ...
Parasit. i. Tok's ... No. 3, ...
of the let ...

OSIPOVSKIY, A. I.

Heredity of resistance to coccidiosis in rabbits. Zhur.obshch.
biol. 16 no.1:64-64 Ja-P '55. (MLRA 9:4)

1. Kafedra obshchey biologii 1-go Moskovskogo ordena Lenina medi-
tsinskogo instituta.

(COCCIDIOSIS, experimental,
hered. in rabbits of resist.)

OSIPOVSKIY, A.I.

[Parasitology, zoology and comparative anatomy] Parazitologiya,
zoologiya i sravnitel'naya anatomiya. 3 izd. [Moskva].
Meduchposobie, 1956. 32 charts. (MLRA 10:4)
(PARASITOLOGY) (ZOOLOGY) (ANATOMY, COMPARATIVE)

USSR/General Biology. Genetics

B

Source Jour : Ref Jour- Biol., No 13, 1 53, 57214

Author : Ceibovskiy . I.

Inst : NOT given

Title : Effect of Gamma-rays on the Reproduction of White Rats and their Descendants.

Orig Pub : Med. radiologiya, 1957, 2, No 4, 30-38

Abstract : The effect of gamma rays on the functions of the sex system in white rats was studied. The disturbance of reproductive ability and rhythm of the sex cycle, and the complete cessation of the cycle in the animals after their irradiation with a dose of 520 r was noted. The number of atretic immature follicles in the ovaries of the irradiated animals increased, the spermatogenesis in the testis was disturbed,

Care 1/3 *Chair Gen Biology & Chair Radiology, Radiology - 1st Moscow Medical Inst.*

OSIPOVSKIY, Aleksandra Ivanovich

[Textbook of parasitology and entomology] Uchebnik parazitologii
i entomologii. Moskva, Gos.izd-vo, 1959. 222 p.

(MIRA 14:3)

(Parasitology)

(Entomology)

OSIFOVSKIY, A.I.; KUNICHEVA, G.S.

Developmental anomalies in the progeny of guinea pigs in radiated
with gamma rays and their inheritance in a number of generations.
Med.rad. 4 no.11:37-42 N '59. (MIRA 13:2)

1. Iz kafedry obshchey biologii (zaveduyushchiy - chlen-korrespondent
AMN SSSR prof. F.P. Talyzin), kafedry radiologii (zaveduyushchiy -
prof. V.K. Modestov) i kafedry glaznykh bolezney (chlen-korrespondent
AMN SSSR prof. V.N. Arkhangel'skiy) I Moskovskogo ordena Lenina medi-
tsinskogo instituta imeni I.M. Sechenova.
(RADIATION EFFECTS experimental)
(ABNORMALITIES experimental)

ZEMTSOVA, O.M.; OSIPOVSKIY, A.I.

Observation on an epizootic paratyphoid infection in the progeny
of irradiated rats. Med.rad. 5 no.6:47-51 '60. (MIRA 13:12)
(PARATYPHOID FEVER) (RADIATION—PHYSIOLOGICAL EFFECT)

OSIPOVSKIY, A.I.

Anomalies of development in four generations of progeny of animals irradiated with gamma rays. Zhur.ob.biol. 21 no.1:59-63 Ja-P '60.
(MIRA 13:5)

1. 1-y Moskovskiy meditsinskiy institut imeni I.M. Sechenova.
(GAMMA RAYS--PHYSIOLOGICAL EFFECT)

OSIPOVSKIY, A.I., doktor biol.nauk; SHUTOVA, V.S.

Effect of a single whole-body gamma irradiation on the
functions of the sex system in white rats. Trudy 1-go MMI
41:118-125 '65. (MIRA 18:14)

OSIPOVSKIY, A.I.; KUNICHEVA, G.S.

Anomalies in the development of the eye in the offspring of
irradiated guinea pigs in a series of generations. Trudy 1-go
MNI 41:126-128 '65. (MIRA 18:12)

OSIPOVSKIY, A.I., doktor biol.nauk; SHUTOVA, V.S.

General protein and protein fractions in the blood serum in
the offspring of irradiated guinea pigs in a series of
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OSIPOVSKIY, A.I., doktor Biol.nauk

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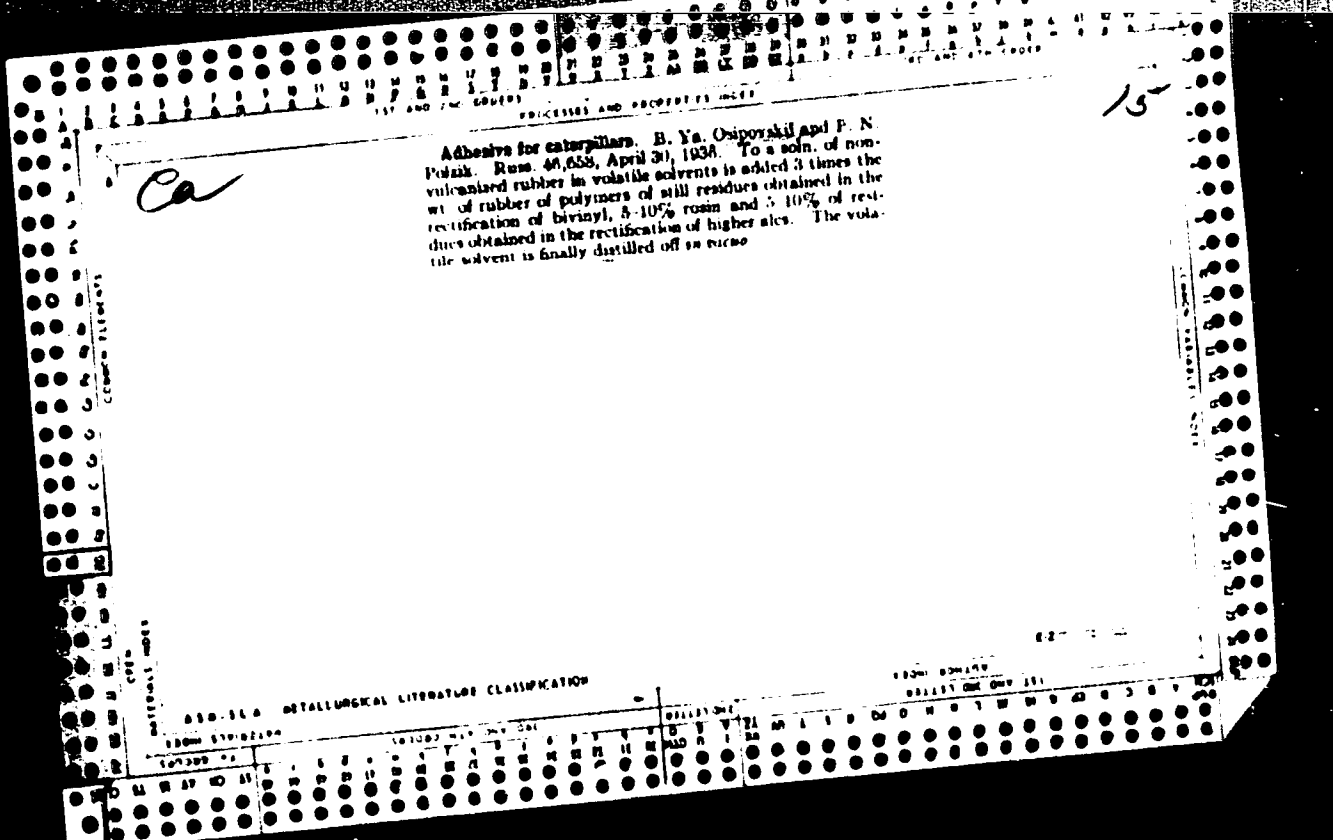
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1962. 298 p. (MIRA 15:11)
(BIOLOGY)

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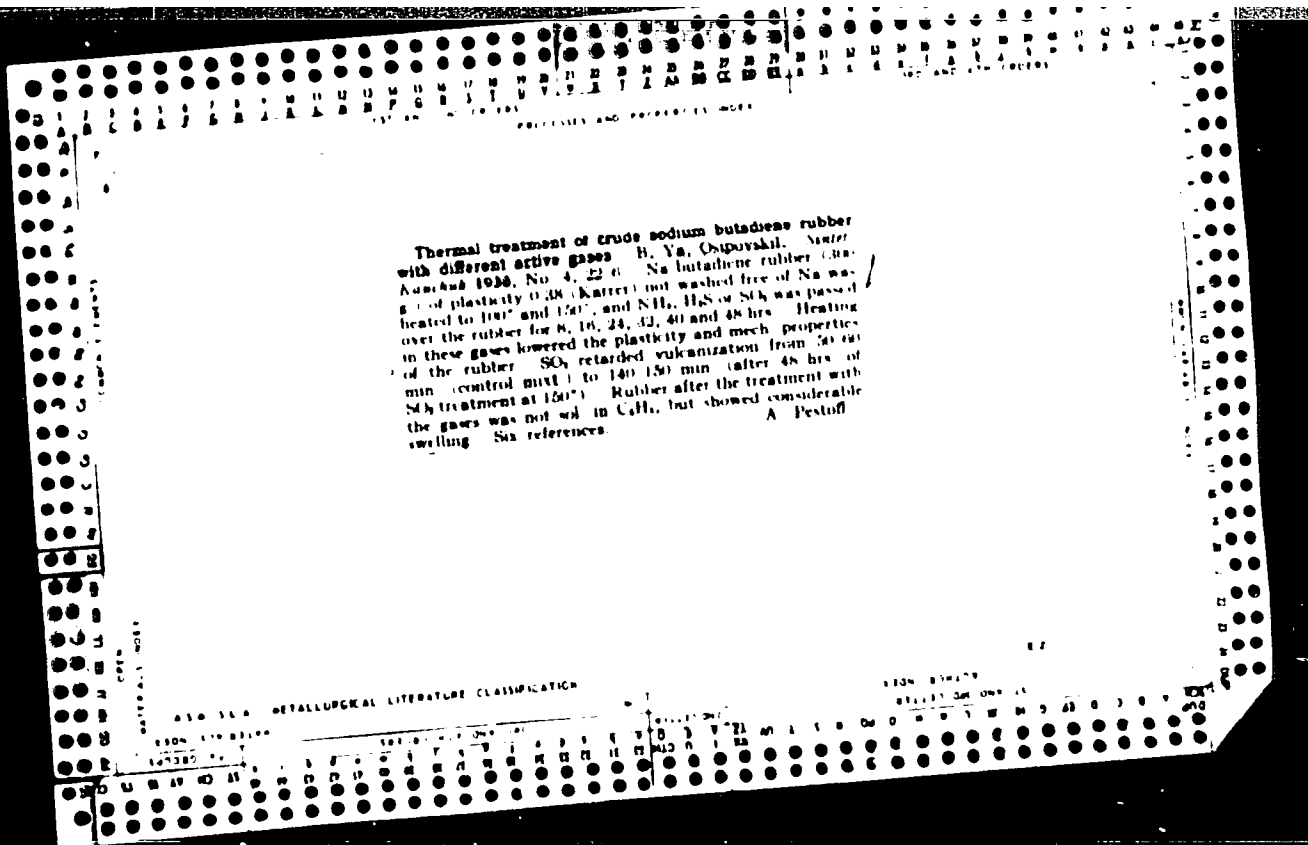
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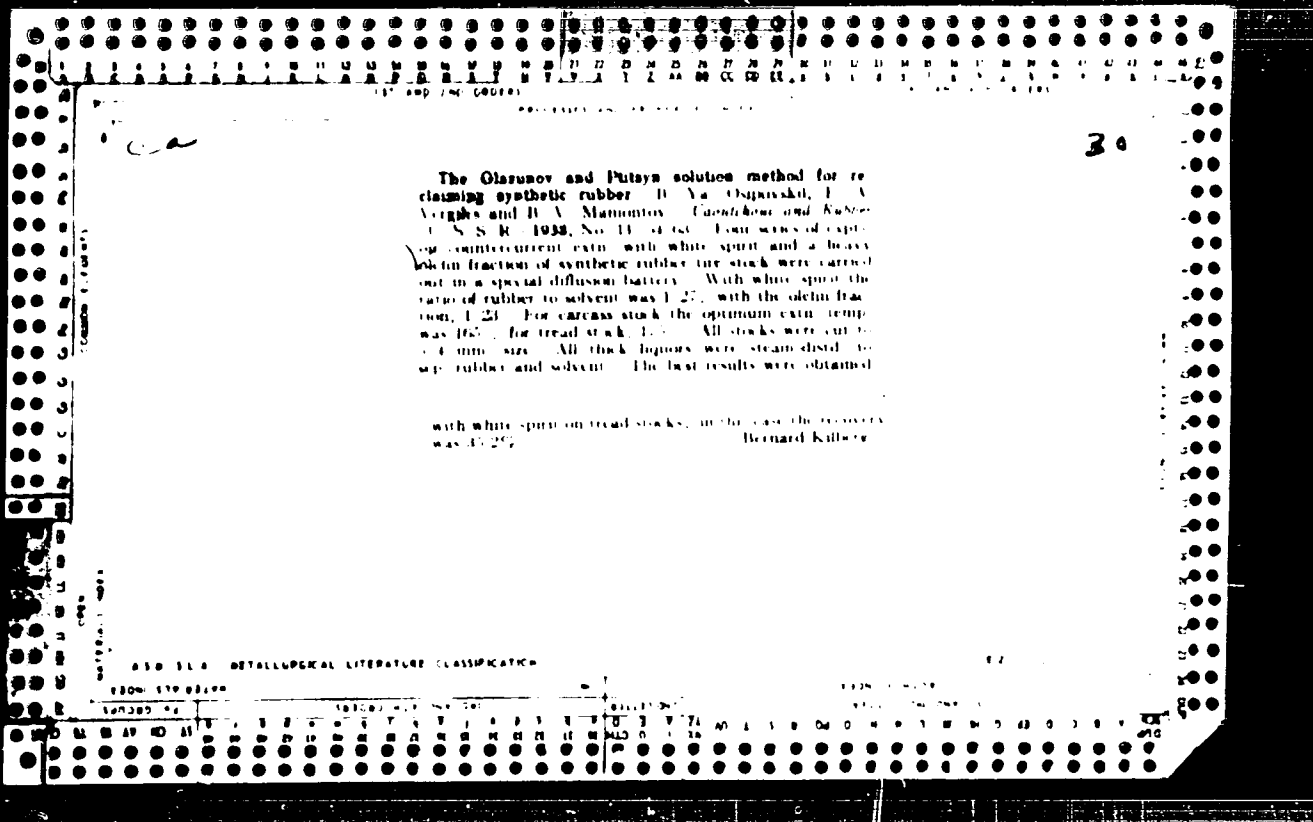


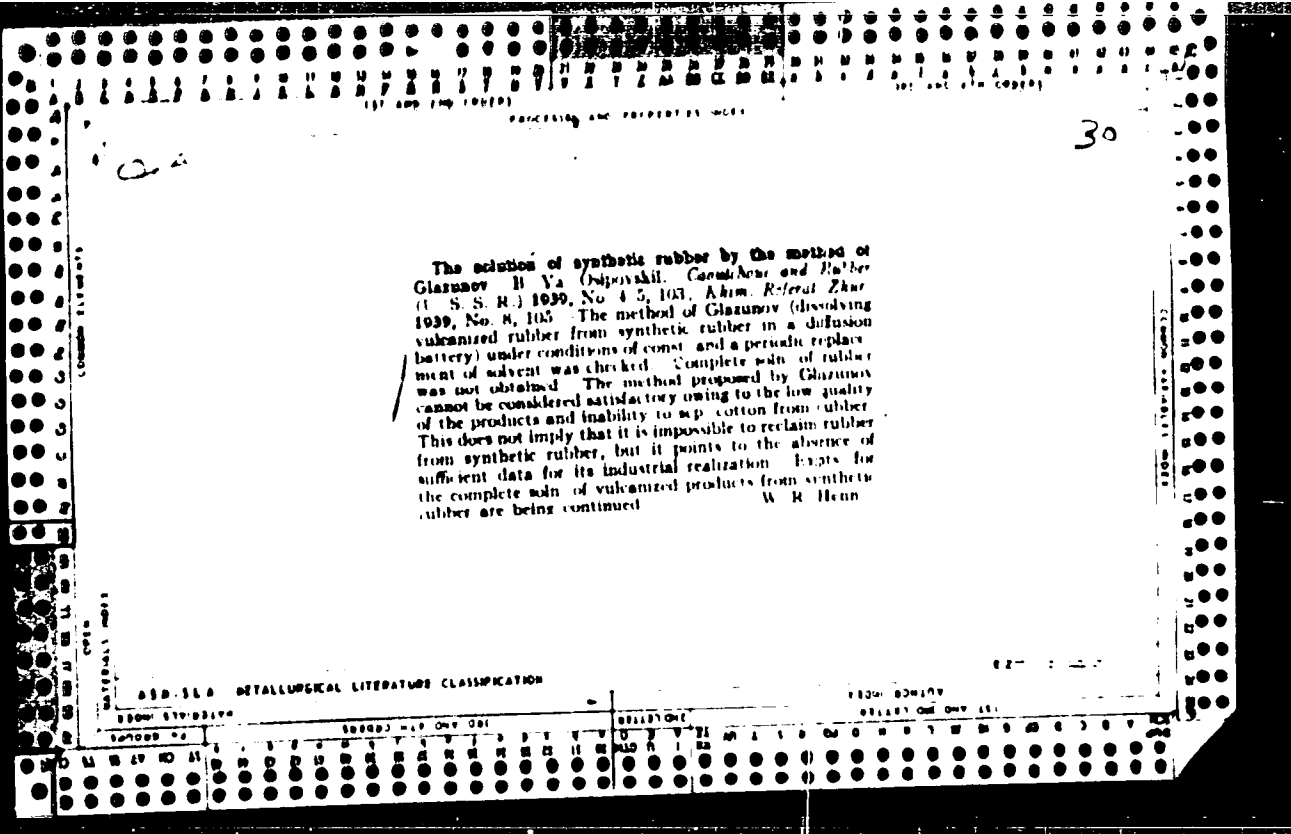
CO. PT. SKHY, . Na.

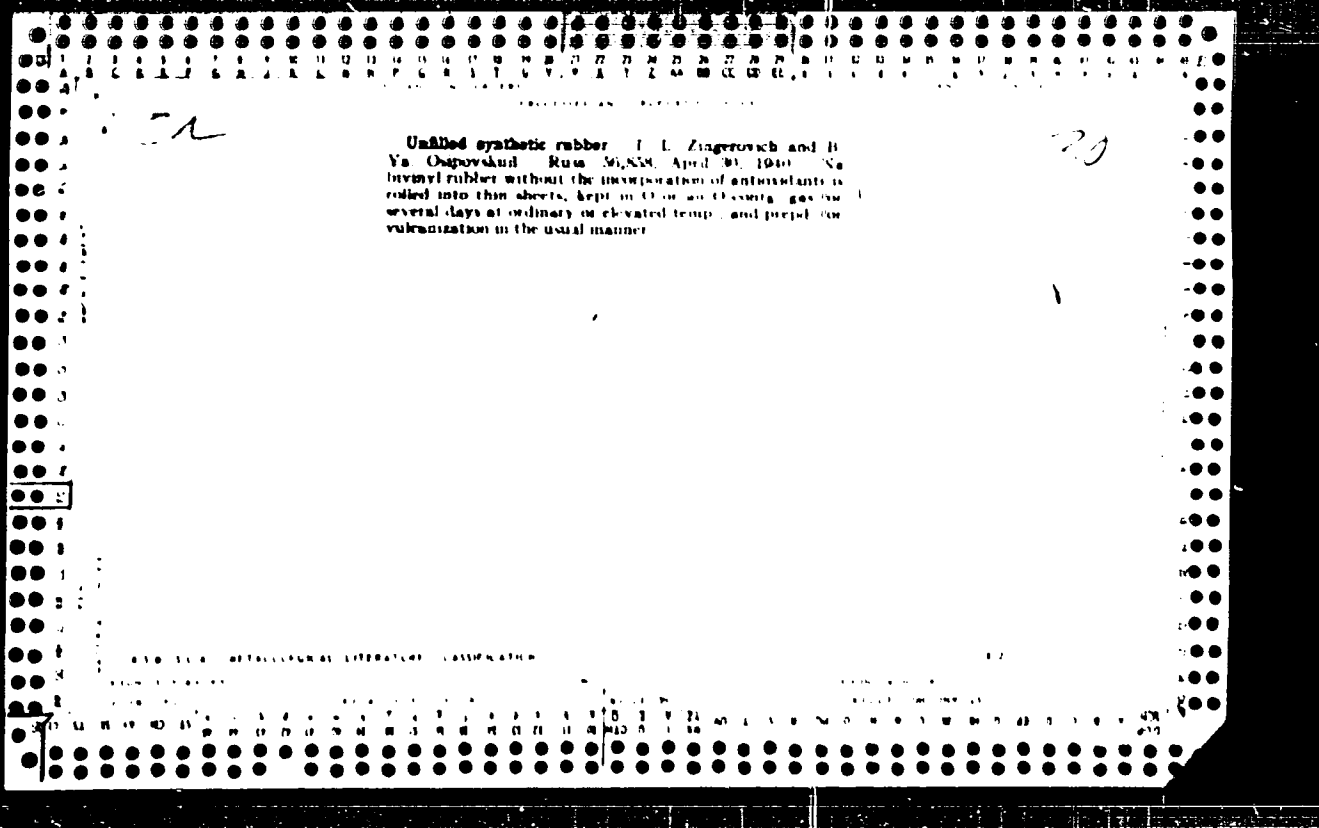
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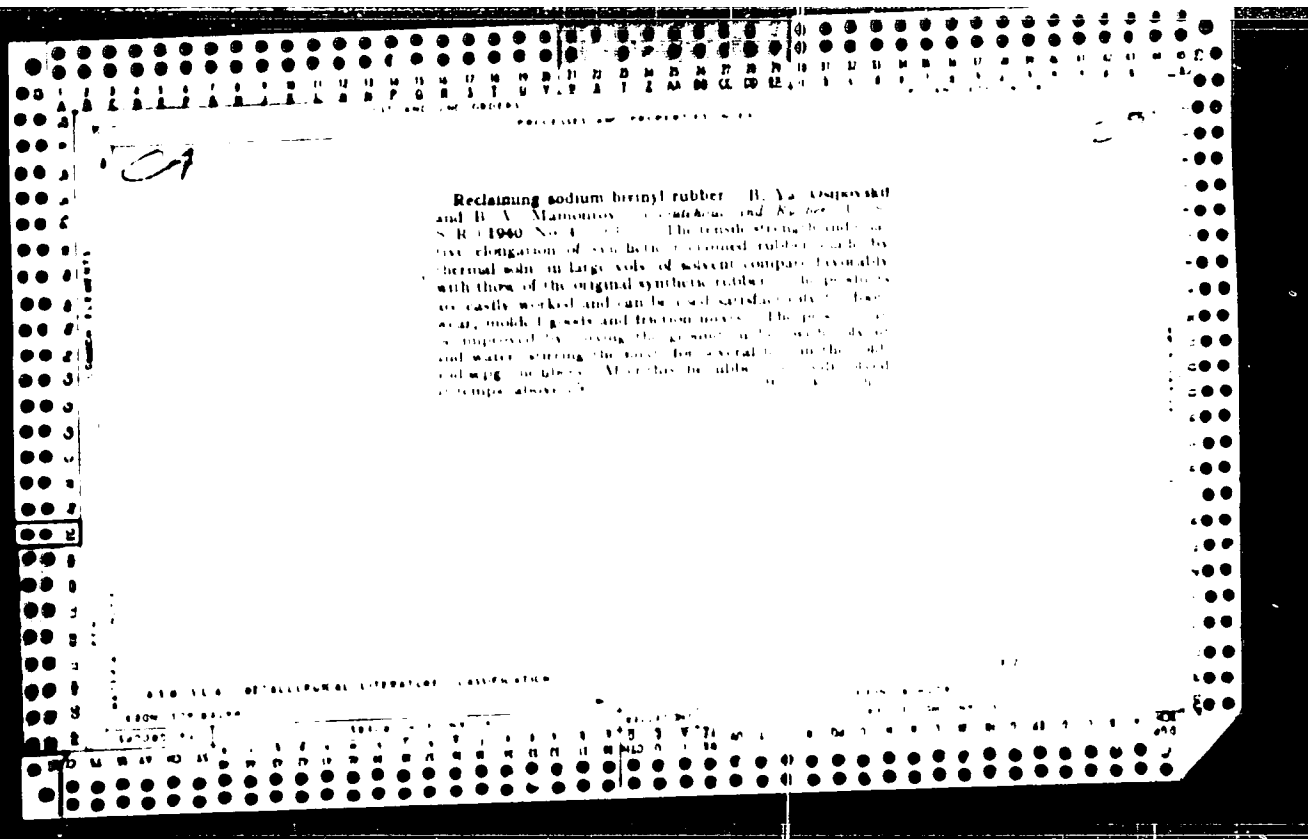
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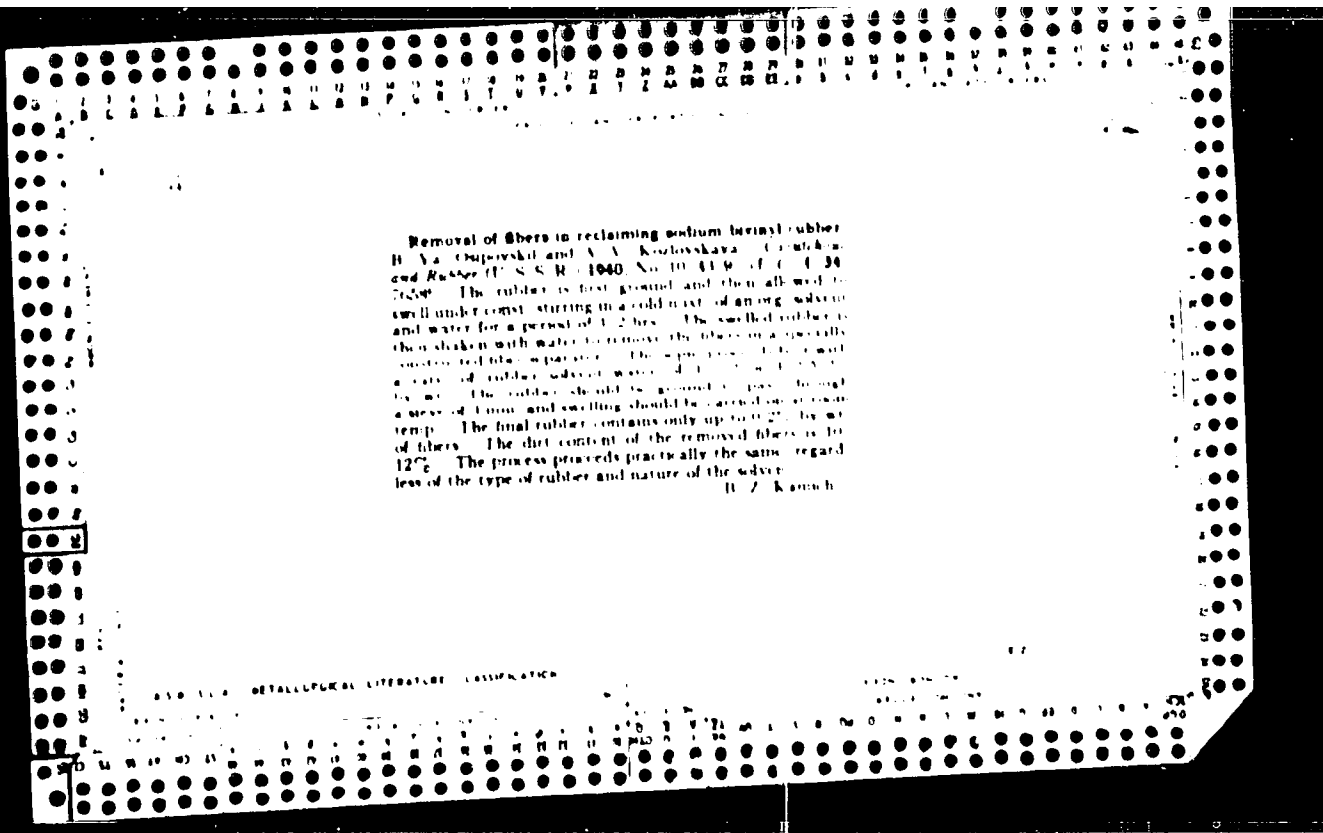


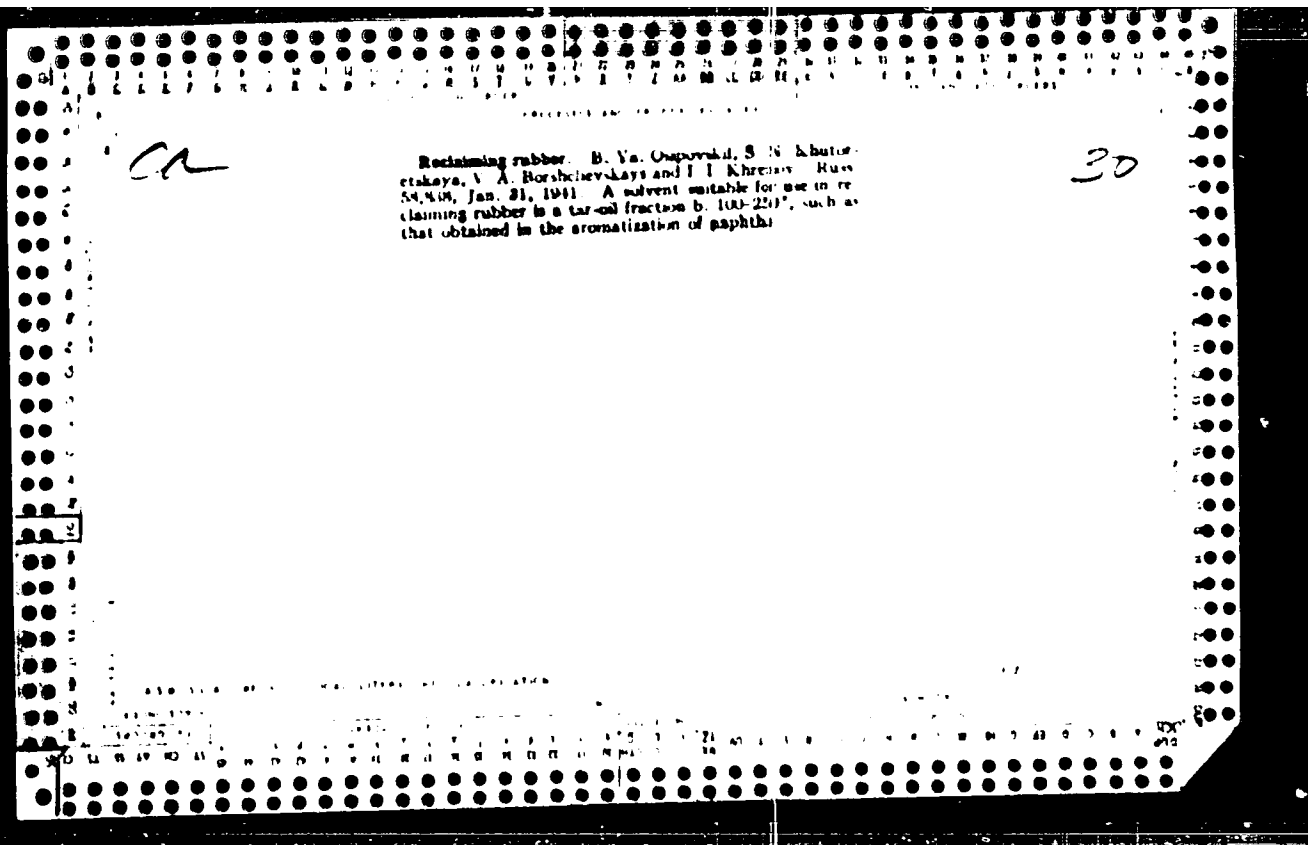


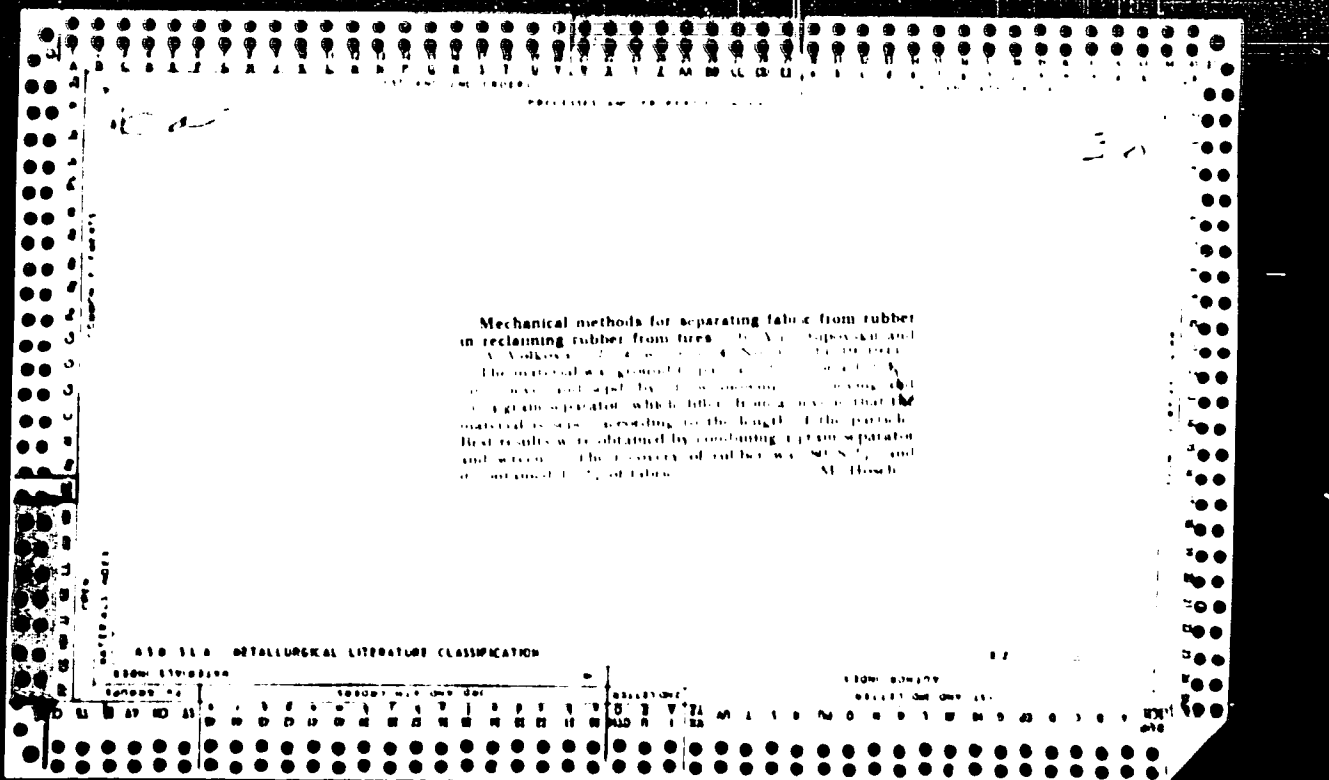


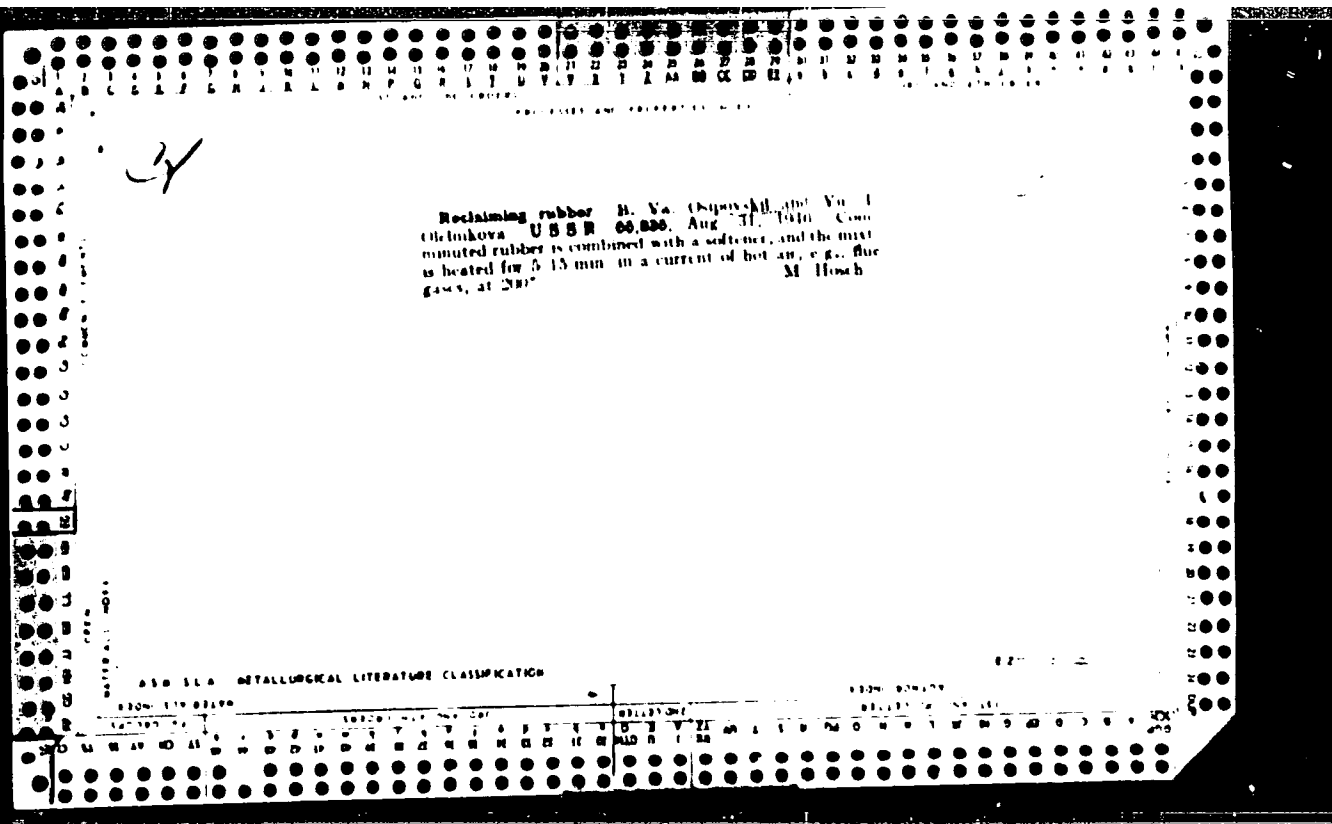












Ostrovskiy, G.I.

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Various changes were observed in the sexual cycles of rats exposed to single doses of 100, 300, or 500 r. The rhythm of their sexual cycle was disturbed and dioestrus greatly prolonged. After irradiation by 500 r the sexual life was completely interrupted. Anomalies of the skeleton, of skin derivatives, of vestibular apparatus and dwarfism were observed in rats born to irradiated rats in the first and second generations. (R.V.J.)

SHCHERBAK, G.S.; OSIPOVSKIY, L.F.

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under the effect of shock loads. Izv. AN Kazakh. SSR. Ser. gor
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OSIPOVSKIY, L.F.

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OSIPOVSKIY, L.F.

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of boring machinery. Trudy Inst. mech. dela AN Kazakh. SSR
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1. In Institute of Mathematics, U.S.S.R. Acad. Sci. -
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OSIPOVSKIY, N.F., kand. tekhn. nauk

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OSKOTSKIY, V.S.

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OSIPIAN, A. (Tallinn)

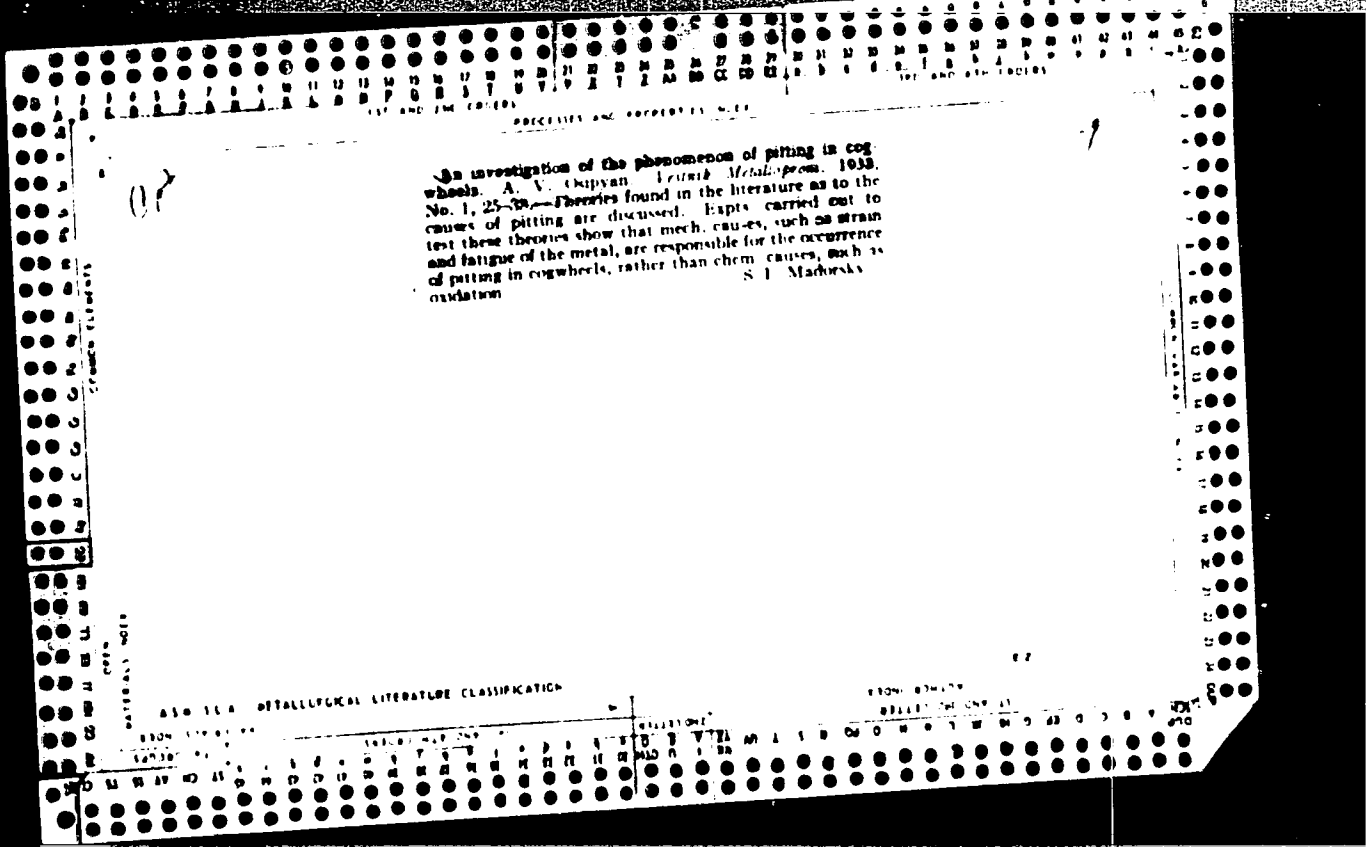
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RAMAYYA, K.S., doktor tekhnicheskikh nauk; SIL'S, R.Kh., inzhener;
BEN-YAKIR, R.D., inzhener; KOZLOVSKIY, I.S., kandidat tekhnicheskikh
nauk, zamestitel' otvetsvennogo redaktora; ZIL'BERBERG, Ya.G.,
inzhener, sekretar'; BRILING, N.R., professor, doktor tekhnicheskikh
nauk; KALISH, G.G., professor, doktor tekhnicheskikh nauk; PEVZNER,
Ya.M., professor, doktor tekhnicheskikh nauk; KHRUSHCHEV, M.M.,
professor, doktor tekhnicheskikh nauk; LIPGART, A.A.; professor;
PRYADILOV, V.I., kandidat tekhnicheskikh nauk; ROZANOV, V.S., kandi-
dat tekhnicheskikh nauk; CHISTOZVONOV, S.B., inzhener; BROKSE, V.V.,
zavedyayshchiy redaktsiyey, inzhener; UVAROVA, A.F., tekhnicheskii
redaktor; OSIPIYAN, A.F., kandidat tekhnicheskikh nauk, otvetsvennyy
redaktor.

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1. Direktor Nauchno-issledovatel'skogo avtomotornogo instituta (for
Osipyan).
 2. Zamestitel' direktora Nauchno-issledovatel'skogo
avtomotornogo instituta po nauchnoy rabote (for Kozlovskiy).
 3. Chlen-
korrespondent Akademii nauk SSSR (for Briling).
- (Lubrication and lubricants) (Corrosion and anticorrosives)



GORBLIK, A.M., inzhener; OSIPYAN, A.V., kandidat tekhnicheskikh nauk; otvetstvennyy redaktor; ZIL'BERBERG, Ya.G., inzhener; ERILING, N.R., doktor tekhnicheskikh nauk, professor; KALISH, G.G., doktor tekhnicheskikh nauk, professor; MEZIN, I.S., doktor tekhnicheskikh nauk; PEVZNER, Ya.M., doktor tekhnicheskikh nauk; KHRUSHCHEV, M.M., doktor tekhnicheskikh nauk, professor; BRYZGOV, N.N., kandidat tekhnicheskikh nauk; KOZLOVSKIY, I.S.; kandidat tekhnicheskikh nauk; LYTKIN, I.I., kandidat tekhnicheskikh nauk; RAMAYYA, K.S., kandidat tekhnicheskikh nauk; BUTYLKIN, A.G., tekhnicheskiy redaktor; MATVEYEVA, Ye.N.; tekhnicheskiy redaktor.

The effect of vertical forces on automobile wheels. Trudy NAMI no.65:1 '52. (MIRA 8:11)

1. Direktor NAMI (for Osipyan)
(Automobiles--Wheels)

MININ, M. L., kandidat tekhnicheskikh nauk; TRAKTOVENKO, I. A., kandidat tekhnicheskikh nauk; OSIPYAN, A. V., kandidat tekhnicheskikh nauk, otvetstvennyy redaktor; ~~AL'BERG~~ ERG, Ya. G., inzhener, sekretar' ERILINO, N. R., doktor tekhnicheskikh nauk, KALISH, G. G., professor, doktor tekhnicheskikh nauk; PEVZNER, Ya. M., doktor tekhnicheskikh nauk; RAMAYYA, K. S., doktor tekhnicheskikh nauk; KHRUSHCHEV, M. M., professor, doktor tekhnicheskikh nauk; KOZLOVSKIY, I. S., kandidat tekhnicheskikh nauk; MATVEYEVA, Ye. N., tekhnicheskiiy redaktor.

[An investigation of Soviet automobile radiators] Issledovanie otechestvennykh avtomobil'nykh radiatorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 43 p. (Moscow. Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i avtomotorny institut [Trudy], no. 74) (MLRA 8:9)
(Automobiles--Radiators)

LAPIIUS, V.I., kandidat tekhnicheskikh nauk; OSIPYAN, A.V., kandidat tekhnicheskikh nauk, otvetstvennyy redaktor; ZIL'BERMAN, Ya.G., inzhener, sekretar'; BRILING, N.R., doktor tekhnicheskikh nauk, professor; PEVZNER, Ya.M., doktor tekhnicheskikh nauk, professor; KHRUSHCHEV, M.M., doktor tekhnicheskikh nauk, professor; KALISH, G.G., doktor tekhnicheskikh nauk, professor; RAMAYYA, I.S., doktor tekhnicheskikh nauk; KOZLOVSKIY, I.S., kandidat tekhnicheskikh nauk; UVAROVA, A.F., tekhnicheskiiy redaktor.

Experimental research on fluid flow in hydraulic torque converters.
[Trudy] NAMI no.73:1-22 '54. (MLRA 8:2)

1. Direktor Nauchnogo avtomotornogo instituta (for Osipyan).
(Oil hydraulic machinery)(Automobiles--Transmission devices)

KULIKOV, N.Z., kandidat tekhnicheskikh nauk; OSIPIYAN, A.V., kandidat tekhnicheskikh nauk, redaktor; KOZLOVSKIY, I.S., kandidat tekhnicheskikh nauk, redaktor; ERILING, N.R., doktor tekhnicheskikh nauk, professor, redaktor; KALISH, G.G., doktor tekhnicheskikh nauk, professor, redaktor; PEVZNER, Ya.M., doktor tekhnicheskikh nauk, professor, redaktor; KHEUSHCHEV, M.M., doktor tekhnicheskikh nauk, professor redaktor; RAMAYYA, K.S., doktor tekhnicheskikh nauk, redaktor; LIPGART, A.A., redaktor; PRIADILOV, V.I., kandidat tekhnicheskikh nauk, redaktor; ROZANOV, V.G., kandidat tekhnicheskikh nauk, redaktor; CHISTOZVONOV, S.B., inzhener, redaktor; ZIL'BERBERG, Ya.G., inzhener, redaktor; UVAROVA, A.F., tekhnicheskiy redaktor.

Wedge freewheeling clutches. Trudy NAMI no.75:3-67 '54.
(MLBA 8:7)

1. Konstruktor Nauchno-issledovatel'skogo avtomotornogo instituta (for Lipgart)
(Clutches (Machinery))

KULIKOV, N.K., doktor tekhnicheskikh nauk; OSIPYAN, A.V., kandidat tekhnicheskikh nauk, redaktor; KOZIOVSKIY, I.S., kandidat tekhnicheskikh nauk, redaktor; ZIL'BERBERG, Ya.G., inzhener, redaktor; BRILING, N.R., doktor tekhnicheskikh nauk, professor, redaktor; KALISH, G.G., doktor tekhnicheskikh nauk, professor, redaktor; PEVZNER, Ya.M., doktor tekhnicheskikh nauk, professor, redaktor; KRUSHCHEV, M.M., doktor tekhnicheskikh nauk, professor, redaktor; RAMAYYA, K.S., doktor tekhnicheskikh nauk, professor, redaktor; LIPGART, A.A., professor, redaktor; PRYADILOV, V.I., kandidat tekhnicheskikh nauk, redaktor; BOZANOV, V.G., kandidat tekhnicheskikh nauk, redaktor; CHISTOZVONOV, S.B., inzhener, redaktor; YEGORKINA, L.I., redaktor; UVAROVA, A.F., tekhnicheskiiy redaktor; BROKSH, V.V., inzhener.

[Performance of automobile wheels] Rabota avtomobil'nogo koleasa. (Moscow. Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i avtomotorny institut. [Trudy] no.77) 1955 36 p. (MLRA 9:4)

1.Chlen-korrespondent AN SSSR (for Briling).
(Automobiles--Wheels)

LEVENSTERN, O.L., kandidat tekhnicheskikh nauk; KRESTOVNIKOV, G.A., inzhener;
OSIPIYAN, A.V., kandidat tekhnicheskikh nauk, redakter; KOZLOVSKIY, I.S.,
kandidat tekhnicheskikh nauk, redakter; ZIL'BERBERG, Ya.G., inzhener,
redakter; BRILING, N.R., professor, dektek tekhnicheskikh nauk, redakter;
KALISH, G.G., dektek tekhnicheskikh nauk, professor, redakter; RAMAYTA,
K.S., dektek tekhnicheskikh nauk, redakter; LIPGART, A.A., professor,
redakter; PRIADILOV, V.I., kandidat tekhnicheskikh nauk, redakter;
ROZANOV, V.G., kandidat tekhnicheskikh nauk, redakter; CHISTOVONOV,
S.B., inzhener, redakter; SHTEYNGART, M.D., redakter; UVAROVA, A.F.,
tekhnicheskiy redakter.

[Heating of brake linings in passenger cars] Nagrev termoznykh nakladok
legkovykh avtomobilei. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1955. 35 p. (Moscow, Gosudarstvennyi nauchno-issledovatel'skii
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1. Direktor Nauchno-issledovatel'skogo avtomotornogo instituta (fer
Osipyan). 2. Zamestitel' direktora Nauchno-issledovatel'skogo avtomoter-
nogo instituta (fer Koslevskiy). 3. Chlen-korrespondent AN SSSR (fer Briling).
(Automobiles--Brakes)

RUDNITSKIY, N.M., kandidat tekhnicheskikh nauk; OSIPYAN, A.V., kandidat tekhnicheskikh nauk, redaktor; KOZLOVSKIY, I.S., kandidat tekhnicheskikh nauk, redaktor; ZIL'BERBERG, Ya.G., inzhener, redaktor; BRILING, N.R., doktor tekhnicheskikh nauk, professor, redaktor; KALISH, G.G., doktor tekhnicheskikh nauk, professor, redaktor; PEVZNER, Ya.M., doktor tekhnicheskikh nauk, professor, redaktor; KRUSHCHEV, M.M., doktor tekhnicheskikh nauk, professor, redaktor; RAMAYYA, K.S., doktor tekhnicheskikh nauk, redaktor; LIPGART, A.A., professor, redaktor; PRIYADILOV, V.I., kandidat tekhnicheskikh nauk, redaktor; ROZANOV, V.G., kandidat tekhnicheskikh nauk, redaktor; CHISTOZVONOV, S.B., inzhener; BROKSH, V.V., inzhener, redaktor; BAUMAN, I.M., redaktor; UVAROVA, A.F., tekhnicheskii redaktor.

[Endurance of materials for automobile engine sliding friction bearings] Vynoslivost' materialov dlia podshipnikov skol'zhenia avtomobil'nykh dvigatelei. (Moscow Gosudarstvennyi nauchno-issledovatel'skii i avtomobil'nyi institut. [Trudy]. no.76) 1955 54 p. (MIRA 9:4)

1. Direktor Nauchno-issledovatel'skogo avtomotornogo instituta (for Osipyan). 2. Chlen-korrespondent AN SSSR (for Briling).
(Bearings (Machinery)) (Automobiles--Engines)

GRUDAKOV, Yevgeniy Alekseyevich, akad.[deceased]; VELIKANOV, D.P., doktor tekhn.nauk, st.nauchn.sotr., otv.red.; STECHKIN, B.S., akad., red.; BRILING, N.P., red.; ORLIN, A.S. doktor tekhn.nauk, red.; OSIPYAN, A.V., kand.tekhn.nauk, red.; VARSHAVSKIY, I.L. kand.tekhn.nauk, red.; PETROV, V.A., kand.tekhn.nauk, st.nauch.sotr., red.; GOL'D, B.V., st.nauch.sotr., red.; KLEBNIKOV, V.M. red. izd-va; SIMKINA, Ye.N., tekhn.red.

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(MIRA 14:5)

1. Chlen-korrespondent AN SSSR (for Briling) 2. Laboratoriya dvigatelei AN SSSR (for Velikanov, Gol'd, Petrov)
(Motor vehicles--Dynamics)
(Motor vehicles--Design and construction)

Osipyan, A.V.

CHAPKEVICH, V.A., kandidat tekhnicheskikh nauk; OSIPYAN, A.V., kandidat tekhnicheskikh nauk, redaktor; KOZLOVSKIY, S.P., kandidat tekhnicheskikh nauk, redaktor; ZIL'BERBERG, Ya.G., inzhener, redaktor; BRILING, H.B., professor, doktor tekhnicheskikh nauk, redaktor; KALISH, G.G., professor, doktor tekhnicheskikh nauk, redaktor; PEVZNER, Ya.M., professor, doktor tekhnicheskikh nauk, redaktor; KHRUSHCHOV, M.M., doktor tekhnicheskikh nauk, professor, redaktor; RAMAYIA, K.S., doktor tekhnicheskikh nauk, redaktor; LIPOART, A.A., professor, redaktor; PRYADILOV, V.I., kandidat tekhnicheskikh nauk, redaktor; ROZANOV, V.G., kandidat tekhnicheskikh nauk, redaktor; CHISTOZVONOV, S.B., inzhener, redaktor; UVAROVA, A.F., tekhnicheskiy redaktor.

[Investigation of the operation of the IAAZ engine] Issledovanie rabocheho protsessa dvigatelya IAAZ. Moskva, Gos.nauchno-tekhn. izd-vo mashino-stroitel'stva, 1956. 41 p. (Moscow, Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i avtomotorny institut. [Trudy], no.79) (MIRA 10:3)

1. Direktor Nauchno-issledovatel'skogo avtomobil'nogo insituta (for Osipyan)
2. Zamestitel direktora Nauchno-issledovatel'skogo avtomobil'nogo instituta po nauchnoy rabote (for Kozlovskiy)
3. Chlen-korrespondent AN SSSR (for Briling).
(Automobiles--Engines)

SHKOL'NIKOV, E.M., kand.tekhn.nauk; LEVITAN, M.M., inzh.; OSIPYAN, A.V.,
kand.tekhn.nauk, red.; KOZLOVSKIY, I.S., kand.tekhn.nauk, zamestitel'
otvetstvennogo red.; BRILING, N.R., doktor tekhn.nauk, prof., red.;
KALISH, G.G., doktor tekhn.nauk, prof.; LIPGART, A.A., prof., red.;
PEVZNER, Ya.M., doktor tekhn.nauk, prof., red.; PRYADILOV, V.I., kand.
tekhn.nauk, red.; ROZANOV, V.G., kand.tekhn.nauk, red.; KRUSHCHEV, M.M.,
doktor tekhn.nauk, prof., red.; CHISTOZVONOV, S.B., inzh., red.;
ZIL'BERBERG, Ya.G., inzh., red.; YEGORKINA, L.I., red.izd-va;
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