SHCHUPAK, B.N. (Kamchatskaya oblast')

Medical service during the heroic defense of Petropavlovsk-na-Kamchatke; one hundredth anniversary. Sov.zdrav. 14 no.3:47-52 My-Je '55. (MLRA 8:7)

(MEDICINE, MILITARY AND NAVAL, history, in Russia, med. serv. during defense of Petropavlovsk-na-Kamchatke)

SHCHUPAK, B.N.

Sun baths on the Chukchi Peninsula. Vop.kur.fizioter. i lech.fiz. kul't. 21 no.1:69-70 Ja-Mr '56. (MIRA 9:9)
(CHUKCKI PENINSULA--SUN BATHS)

SHCHUPAK, B.N., vrach

History of the public health system on Kamachatka. Sov.zdrav. 17 no.6:44-50 Je '58 (MIRA 11:6)
(PUBLIC HEALTH, hist.
in Russia (Rus))

SHCHUPAK, B.N. (Chernovtsy)

First physicians of the Far East. Sob.zdrav. 20 no.4:29-36 '61. (MIRA 14:5)

(SOVIET FAR EAST--PHYSIANS)

SHCHUPAK, B.N. (Chernovitsy)

Agafia Karandash, the first nurse in the Far East. Med. sestra 20 no.11:55-56 N '61. (MIRA 15:2)
(KARANDASH, AGAFIA)

SHCHUPAK, B.N.

From the history of public health in Kamchatka. Sov. zdrav. 21 no.5: 71-75 '62. (MIRA 15:5)

(KAMCHATKA—PUBLIC HEALTH)

SHCHUPAK, B.N. (Chernovtsy)

First health resorts in the Far East. Vop. kur., fizioter. i lech. fiz. kul't 29 no.1:73-75 '64. (MIRA 17:9)

USSR / Cultivated Plants. Potatoes. Vegetables. Melons. M-3

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25049

Author : Shchupak, K. D.
Inst : Not given
Title : The Storage of Tomato Seeds

Orig Pub: Tr. Mold. ovoshche-kartof. orost. opyt. st. Kishinev, Gosizdat Moldavii, 1956, 119-129

Abstract: Tests at the Moldavian Potato and Vegetable Experimental Station have revealed that the seed germination in tomatoes is reduced at a high air humidity in the storehouse and at a seed water content over 13-14%. It is suggested that tomato seeds be stored in warmed places with the relative humidity 70%. When the seeds are stored in adverse moisture conditions, they turn to a state of secondary quiescence, out of which they were brought by the use of warmth

Card 1/2

61

USSR/Cultivated Plants. Potatoes. Vegetables. Melons M-5

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1394

Author : K.D. Shchupak, N.N. Zaginaylo
Inst : Not Given
Title : Pre-Sowing Treatment of Tomato Seeds with Lowered and Variable Temperatures.

Orig Pub : Tr. Mold. ovoshche-kartof. orosit. opyt. st. Kishinev, Gosizdat Moldavii, 1956, 131-145

Abstract : On the Moldavian Vegetable-Potato Testing Station, the treating of seeds with lowered or variable temperatures, accelerated the development of the root system, fruitbearing, and increased the early crop of fruits by 30 - 40%. The Brekodey variety produced the best results when the seeds were tempered with variable temperatures during a period of 15-20 days, alternating every 12 hours from 18-20 and 0-4°. The application of below zero temperature decreased the effectiveness of the tempering. Seeds of the Mayak varity produced good results when they were tempered during 24 h. with a steady temperature from 4 to -4°. As a result of pre-sowing seed tem-

Card : 1/2

USSR/Cultivated Plants. Potatoes. Vegetables. Melons

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1594

pering, biochemical changes were produced which lead to an increase in the peroxidation activity in the seeds and leaves.

Card : 2/2

SHCHUPAK, K. L.

Ruzinov, P. G., and Shchupak, K. L. "Effect of Iarovization on the Appearance of Diseases of Agricultural Crops," Iarovizatsiia, no, 2(11), 1937, pp. 111-112. 20 Ia7

So: SIRA SI - 90-53, 15 Dec., 1953

26452
S/115/61/000/007/003/004
E032/E314

9.6000 (1139, 1159)

AUTHOR: Shchupak, M.L.

TITLE: Increasing the Resonance-circuit Sensitivity of Instruments with Reactive Elements

PERIODICAL: Izmeritel'naya tekhnika, 1961, No. 7, pp.28-33

TEXT: Resonance circuits are frequently used in instruments designed for the control or measurement of non-electrical quantities. In these circuits the measured capacitance or inductance is a part of the oscillatory circuit which is adjusted to be at or near resonance. A change in the capacitance (inductance) leads to a change in the natural frequency of the circuit and the change in the quantity under investigation is estimated from it. Usually the scale of the output meter is calibrated in units of the non-electrical quantity under investigation. The resonance circuits are used both at constant and at variable frequencies. The present author investigates lossless resonance circuits operating on a fundamental frequency and formed only by a reactive probe and a line coupling the probe to the measuring circuit

Increasing the ....

(Figs. 1a and 1b). The operation of these circuits is based on the measurement of the change in the electrical length of the equivalent line when there is a change in the reactance of the capacitive or inductive probe. The resonance frequency of a long line is given by

$$\omega = \frac{\beta \ell}{\sqrt{L_{\ell} \ell \cdot C_{\ell} \ell}} \qquad (1)$$

where β is the phase constant.
L_{ℓ} and C_{ℓ} are the inductance and capacitance of the line per unit length, and
ℓ is its length.
It is clear from Eq. (1) that the capacitance and inductance of the line increase with ℓ and this in its turn can be shown to have a deleterious effect on the

Card 2/7

Increasing the ....

sensitivity of resonance circuits of the type shown in Fig. 1. The sensitivity can be increased by using lumped-parameter circuits at the output of the lines, one of which is the reactive probe. The method is then based on the simultaneous use of the resonance properties of long lines and lumped parameter circuits. Fig. 2 shows such resonance circuits in the series and parallel connection. The sensitivity of the resonance circuits is then defined as the ratio of the relative change in the natural frequency of the circuit ($\frac{d\Omega}{\Omega}$) and the relative change in the capacitance or inductance of the reactive probe ($\frac{dT}{T}$). Thus, at constant working frequency (Ω_o = const.) the sensitivity is given by

$$S_o = \frac{\left[\frac{d\Omega}{\Omega}\right]_{\substack{\Omega = \Omega_o \\ \omega = \Omega_o}}}{\frac{dT}{T}} \qquad (2)$$

Card 3/7

Increasing the ....

while at the variable working frequency it is given by

$$S = \frac{d\Omega / \Omega}{-(dT/T)} \qquad (3) ,$$

where Ω_o is the working frequency and
$\omega = (LC)^{-1/2}$ is the natural frequency of the lumped-parameter circuit.

In practice, it is assumed that $\Delta T/T \ll 1$. It is shown that in the case of Fig. 2a, the sensitivity at constant working frequency is given by

$$S_{03} = 2m_3/(1 \quad) \qquad (19)$$

and at variable working frequency it is given by:

Card 4/7

Increasing the ...

$$S_3 = 2m_3/(\rho + 4m_3) \qquad (20)$$

where $m_3 = \rho_3/Z_3$ and
ρ is the wave impedance of the lumped-parameter circuit.

In the case of Fig. 25, the sensitivities are given by

$$S_{04} = 2m_4/\rho \qquad (21)$$

$$S_4 = 2m_4/(\rho + 4m_4) \qquad (22)$$

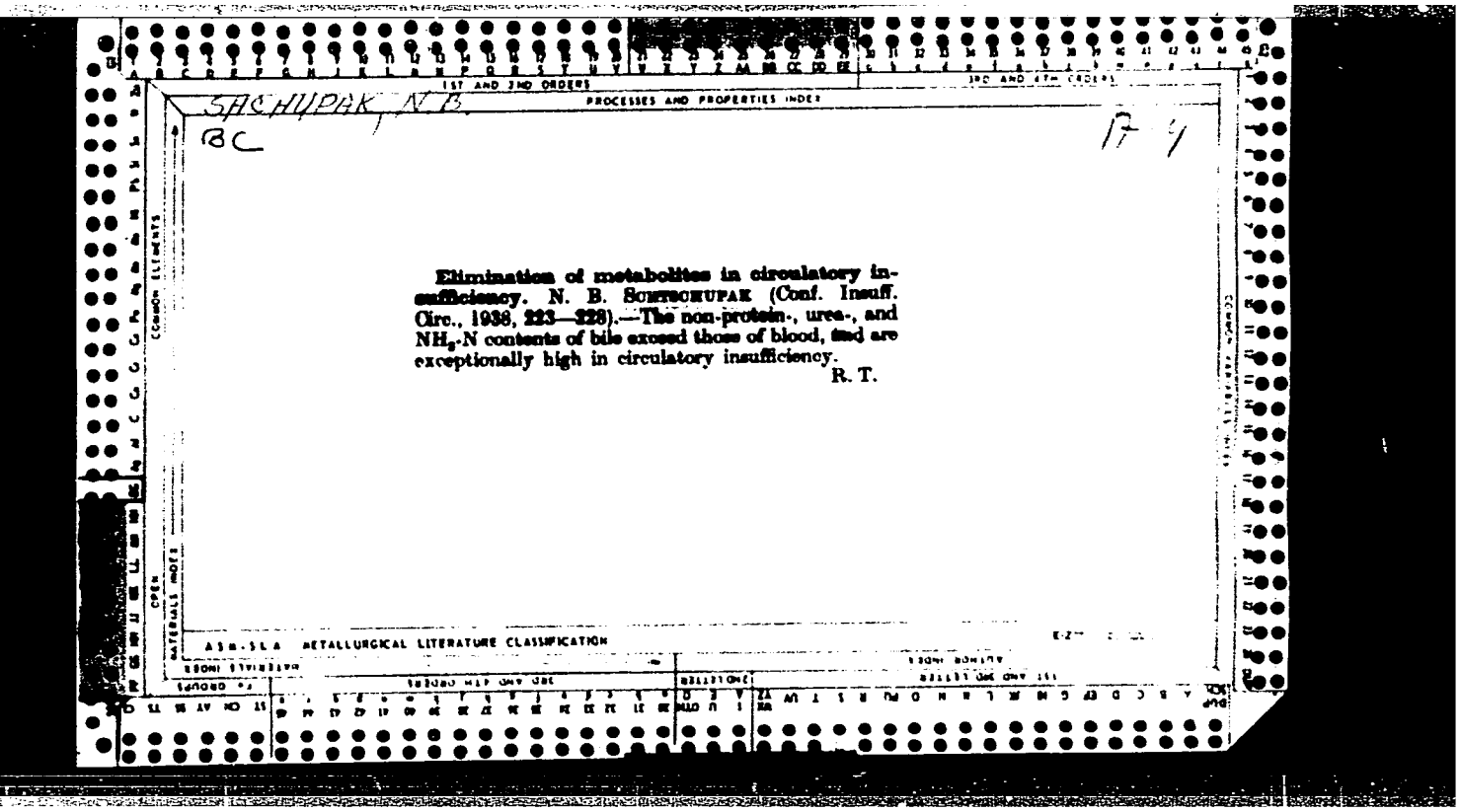
where m_4 is given by

Card 5/7

Increasing the ....

$$m_4 = \frac{Z_4}{\sqrt{L_{04}/C_{04}}} \quad .$$

A consideration of Eqs. (19) and (20) shows that the resonance circuit with series lumped-parameter elements can be advantageously employed with relatively large working capacitances or relatively large working inductances. Similarly, a consideration of Eqs. (21) and (22) shows that in the case of parallel connection, the probe should have relatively low inductances and large capacitances. The theory has been checked experimentally and was found to be in adequate agreement with the experimental results.



SACHIPAK, N.B.

BC

17 4

Elimination of metabolites in circulatory insufficiency. N. B. SCHECHUPAK (Conf. Insuff. Circ., 1938, 223—228).—The non-protein-, urea-, and NH_3-N contents of bile exceed those of blood, and are exceptionally high in circulatory insufficiency.

R. T.

[redacted]

"Role of Peripheral Circulation in the Pathogenesis of General Circulatory Failure," Sov. Med., No. 11, 1949. Mbr., Faculty, Therapeutics Clinic, Kiev Order Labor Red Banner Med. Inst. im. A. A. Bogomolets, -c1949-.

1560. **Angiocholitis Lenta as a Clinical Form of Chronic Sepsis and its Treatment.** (Angiocholitis Lenta как клиническая форма хронического сепсиса и его лечение) N. B. SHCHUPAK. Клиническая Медицина [*Klin. Med., Mosk.*] **27**, No. 12, 22–27, Dec., 1949. 12 refs.

Diseases of the gall-bladder and its ducts are classified by the author as follows: I. Functional disturbances (dyskinesia). II. Organic diseases: (*a*) acute, (*b*) chronic, the latter being divided into: (1) angiocholitis lenta larvata, (2) angiocholitis infausta, (3) angiocholitis septica lenta. The diagnosis of chronic angiocholitis is usually easy when it is preceded by an acute stage, but as a rule this is not the case and the diagnosis is then very difficult. The symptoms are not at all typical and are very vague, with predominance of cardiac ones. Two cases are described to illustrate the slow onset with cardiac and arthritic symptoms; these cases were diagnosed as chronic endocarditis for some time.

The author stresses the importance of an investigation of the duodenal contents, in which pathogenic bacilli can often be found. As regards treatment, penicillin has superseded all the old drugs such as hexamine, silver salts, and sulphonamides. Penicillin should be introduced directly into the duodenum and also given intramuscularly.

H. W. Swann

Abstracts of World Medicine
Vol 8 1950

SHCHUPAK, N.B.

Letters to the editor. Klin. med. 32 no.6:93 Je '54. (MLRA 7:8)
(PANCREAS) (MEDICAL TESTS)

SHCHUPAK, N.B., professor

Edematous syndrome in tuberculous polyserositis. Terap. arkh. 27 no.8:83-86 '55 (MLRA 9:5)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav.-prof. N.B. Shchupak) Chernovitskogo meditsinskogo instituta.

(TUBERCULOSIS, serous membranes, multiple, with edematous synd.)
(TUBERCULOSIS, LYMPH NODES, serous membranes, with edematous synd.)
(EDEMA, etiology and pathogenesis, tuberc. of membranes, multiple)

SHCHUPAK, N.B., professor

Clinical aspects and diagnosis of tuberculous hepatitis. Vrach. delo no.1:15-18 Ja '57 (MLRA 10:4)

1. Klinika fakul'tetskoy terapii (zav.-prof. N.B. Shchupak) Chernovitskogo meditsinskogo instituta.
(LIVER--TUBERCULOSIS)

SHCHUPAK, N.B., professor

Rheumatic and tuberculous polyarthritis. Vrach.delo no.6:595 Je '57.
(MLRA 10:8)

1. Kafedra fakul'tetskoy terapii (zav. - prof. N.B.Shchupak) Chernovitskogo meditsinskogo instituta
(ARTHRITIS) (JOINTS--TUBERCULOSIS)

SHCHUPAK, N.B., professor

Clinical aspects of tuberculous polyarthritis. Sov.med. 21 no.1: 83-88 Ja '57. (MLRA 10:6)

1. Iz kliniki fakul'tetskoy terapii (zav. - prof. N.B.Shchupak) Chernovitskogo meditsinskogo instituta (dir. - dotsent N.B. Man'kovskiy)

(TUBERCULOSIS, OSTEOARTICULAR, case reports
clin. aspects & ther. of tuberc. polyarthritis)

SHCHUPAK, M.B., professor

Tumorous formations of tuberculous etiology in the abdominal cavity. Terap.arkh. 29 no.4:41-47 Ap '57. (MIRA 10:10)

1. Iz kliniki fakul'tetskoy terapii Chernovitskogo meditsinskogo instituta.

(TUBERCULOSIS, complications,
tumoral form. in various abdom. organs (Rus))
(ABDOMEN, diseases,
tuberc. tumoral form. in various organs (Rus))

SHCHUPAK, N.B.

Pseudoabdominal form of angina pectoris. Terap. arkh. 29 no.8:88-90 '57. (MIRA 11:4)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav.-prof. N.G. Shchupak) Chernovitskogo meditsinskogo instituta.
(ANGINA PECTORIS,
pseudo-abdom. form (Rus)

SHCHUPAK, N.B., prof.

Hemorrhagic purpura of tuberculous etiology. Terap. arkh. 30 no.12: 80-83 D '58. (MIRA 12:1)

1. Iz fakul'tetskoy terapevticheskoy kliniki Chernovitskogo meditsinskogo instituta.
(TUBERCULOSIS, compl.
hemorrh. purpura (Rus))
(PURPURA, NONTHROMBOPENIC, etiol. & pathogenesis.
tuberc., (Rus))

SHCHUPAK, N.B., prof. (Chernovtsy)

Nephrosis and nephritis of tuberculous etiology. Klin.med. 36 no.10:117-120 O '58 (MIRA 11:11)

1. Iz kafedry fakul'tetskoy terapii (zav. prof. N.B. Shchupak) Chernovitskogo meditsinskogo instituta (dir. - dotsent M.M. Kovalev).
(NEPHRITIS, etiol. & pathogen.
tuberc. causing nephritis & nephresis (Rus))
(TUBERCULOSIS, compl.
nephirtis & nephrosis (Rus))

SHCHUPAK, N.B., prof.

Clinical forms of tuberculous polyserositis. Pat.,klin.i. terap. tub. no.8:197-199 '58. (MIRA 13:7)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. N.B. Shchupak) Chernovitskogo meditsinskogo instituta.
(TUBERCULOSIS)

SHCHUPAK, N.B., prof.

Fulminant form of Botkin's desease. Vrach.delo no.5:465-467 My '60.
(MIRA 13:11)

1. Kafedra fakul'tetskoy terapii (zav. - prof. N.B.Shchupak) Chernovitskogo meditsinskogo instituta.
(HEPATITIS, INFECTIOUS)

SHCHUPAK, N.B., prof. (Chernovtsy)

"Masks" of tuberculosis in the clinical aspect of internal diseases. Klin.med. no.7:22-26 '61. (MIRA 14:8)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. N.B. Shchupak) Chernovitskogo meditsinskogo instituta (dir. - dotsent M.M. Kovalev).

(TUBERCULOSIS)

SHCHUPAK, Natan Borisovich;KOMAROV, F.I., red.; LEBEDEVA, Z.V., tekhn. red.

[Extrapulmonary tuberculosis in the clinic for internal diseases]Vnelegochnyi tuberkulez v klinike vnutrennikh zabolevanii. Leningrad, Medgiz, 1962. 190 p. (MIRA 15:11)

(TUBERCULOSIS) (MEDICINE, INTERNAL)

SHCHUPAK, N.B., prof.

Tubercular bacillar nephritis. Vrach.delo no.3:8-11 Mr '63.
(MIRA 16:4)
1. Kafedra fakul'tetskoy terapii (zav. - prof. N.B.Shchupak) Chernovitskogo meditsinskogo instituta.
(KIDNEYS--TUBERCULOSIS)

SHUH[illegible]AN, N. B.

Clinical aspect and diagnosis of a [illegible] form of angina pectoris and myocardial infarction. Trudy Inst. klin. i eksper. kard. AN Gruz. SSR [illegible] '63. (MIRA [illegible])

1. Kafedra fakul'tetskoy terapii [illegible] instituta Chernovitsy.

LEVITOV, Ye.A., inzh.; SHCHUTAR, P.L., inzh.

Effect of hopping up an engine with turbocharging on the dynamics of a tractor. Trakt. i sel'khozmash. 33 no.11: 7-9 N '63. (MIRA 17:9)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktornyy institut (for Levitov).

SHCHUBLYA, [illegible], inzh.; MIKHAYLOV, N.N., inzh.

Proving ground for determining the traction and coupling indices of tractors. Trakt. i sel'khozmash. no.10:14-16 O '64. (MIRA 17:12)

1. Odesskaya NIIS Gosudarstvennogo soyuznogo nauchno-issledovatel'skogo traktornogo instituta.

[illegible]

[illegible] Sel'khozmash. no.12: [illegible] (MIRA 18:2)

[illegible] traktornyy [illegible]

SHCHUPAK, P.L., inzh.

Reducing the expenditure of spare parts. Trakt. i sel'khozmash. no.7: 42-43 Jl '64. (MIRA 18:7)

1. Odesskaya NIIS Gosudarstvennogo soyuznogo nauchno-issledovatel'skogo traktornogo instituta.

VOINOV, N.A.; SHCHUPAK, P.L.

Studying the dynamic qualities of tractors with supercharged diesel engines. Trakt. i sel'khozmash. no.9:6-9 S '65.
(MIRA 18:10)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktornyy institut (for Voinov). 2. Odesskaya nauchno-issledovatel'skaya ispytatel'naya stantsiya Gosudarstvennogo soyuznogo nauchno-issledovatel'skogo traktornogo instituta (for Shchupak).

271. THE BIOMICROSCOPICAL CHANGES IN LIMBUS AND CORNEA IN TRACHOMA IV (Russian text). Shchupak S. M. TRUD. TURKMEN TRAKH. INST. 1956, 4 (31-41)

Sixty subjects (120 eyes) aged 11-30 yr. with trachoma IV were investigated, viz.: 18 eyes with only a binocular magnifier, 40 with binocular magnifier and slit lamp, 38 with binocular magnifier and corneal microscope, 22 only with slit lamp, and 2 with binocular magnifier with corneal microscope and slit lamp. In 35 cases a latent form and in 35 a clinically manifest trachoma IV were present. In some of the patients signs of former inflammatory changes were found in the limbus: oedema, swelling and frequently scarring involving the entire area of former infiltration. In some cases the scarred limbus passed over onto the transparent cornea without well-defined limits, while in others its lower border had a festooned character. Against this background cicatricial strips of a more intensely grey colour were noted. Sometimes vertical greyish bands were seen. Quite frequently a marked vascularization of the limbus was apparent. With the corneal microscope and slit lamp one could sometimes see the vessels growing into the cornea, presenting a picture of micropannus. In many cases newly-formed vessels of the marginal loop rete were seen as they grew into the cornea to a greater or lesser extent. The vessels were sometimes surrounded by a 'grey cuff', and sometimes there was a particulate infiltration of the epithelium between the vessels. The vessels terminated in loop-like bifurcations; some ended blind. In some cases, some vessels were situated in the superficial layers and others in the deeper layers. The author considers that recurrences of 'cured' trachoma IV are caused by an exacerbation of an incomplete limbic, corneal process. Excerpts from case records are cited. (S)

SHCHUPAKEVICH, V.A.

Treatment of otogenic sepsis with metastases into the lungs. Vest. otorinolar., Moskva 15 no. 1:42-45 Jan-Feb 1953. (CLML 24:1)

1. Of the Clinic for Diseases of the Ear, Throat, and Nose (Director -- Prof. A. O. Shmul'ga), Chkalov Medical Institute.

CHPCHIN, Yu.A.; SHCHUPAK, Yu.D.

The marking of welding equipment. Avtom. svar. 18 no.10: 48-49 O '65. (MIRA 18:12)

1. Groznenskiy neftyanoy institut.

SHCHUPAKOV, I. B.

O zabolevaniia ryby v Kame i Kamskom vodokhranilishche i o prichinakh etogo zabolevaniis (Concerning fish diseases in the river Kama and in the Kama Water Reservoir, and causes of these diseases). Perm', 1959, 13 pages (Ural Branch of the USSR Academy of Sciences. Perm' Administration of the NTOEP (Scientific and Technical Society of the Power Industry). Perm' State University. In cooperation with the Council on Problems of the Water Industry of the USSR Academy of Sciences). Free of charge; 400 copies.

SHCHUPAKOV, I. G.

Shchupakov, I. G. - "Animals parasitic on fish of the Ob' and Irtysh Rivers", Izvestiya Vsesoyuz. nauch.-issled. in-ta ozer. i recn. ryb. khoz-va, Vol. XXVII, 1948, p.67-94, - Bibliog: p. 95-96.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

SHCHUPAKOV, I. B.

"Parasite Fauna of Local and Acclimated Fish of the Trans-Ural Lakes, Their Relation to Environmental Influences, and Their Significance in Fish Economy and Epidemiology." Cand Biol Sci, Leningrad State U, Leningrad, 1953. (RZhBiol, No 4, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

SHCHUPAKOV, I. G.

DEKSBAKH, N.K.; SHCHUPAKOV, I.G.

Ligulidae of fishes in bodies of water of the central Urals and the trans-Ural region. Zool.zhur. 33 no.3:544-548 My-Je '54. (MLRA 7:7)

(Parasites--Fishes) (Ural Mountain region--Tapeworms)
(Tapeworms--Ural Mountain region)

SHCHUPAKOV, I.G.; KHARCHENKO, L.N.

Hypertrophy of the sex glands of the hybrid male ripus (whitefish). Dokl.AN SSSR 95 no.3:685-688 Mr '54. (MLRA 7:4)

1. Ural'skoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta ozerno-rechnogo rybnogo khozyaystva. 2. Ural'skiy gosudarstvennyy universitet im. A.M.Gor'kogo. Predstavleno akademikom Ye.N.Pavlovskim. (Whitefishes) (Generative organs, Male)

USSR/General Biology, Genetics.

Abs Jour: Ref. Zh.-Biol., No 9, 1957, 35205

Author : Shchupakov, I.G., Kharchenko, L.N.
Inst :
Title : Concerning the Heredity of Hypertrophy of the Sexual Glands in the Male Hybrids of "Ripus"

Orig Pub: Dokl. AN SSSR, 1956, 108, No 5, 948-951

Abstract: In the dissection of 25 male hybrids of the second generation from the breeding of the Ladoga "ripus" with the Chudskiy sig, the breeding taken place in Lake Shartash (Sverdlovsk Oblast), 2 males were discovered with strongly hypertrophic sexual glands, the ampulas of which lacked sperm and which contained only spermatocytes of the IInd order. Hypertrophy of the sex glands was also observed in the hybrid males specimens from Lake Kainkul (Cheliabinsk Oblast). Anomalous males in both lakes made about 8-10% of the population. Among the hybrids,

Card : 1/2

SHCHUPAKOV, Nikolay Nikolayevich; YAKOBSON, M.I., doktor med.nauk, Spets. red.; VESELKINA, A.A., red.; GOLICHENKOVA, A.A., tekhn.red.

[Labor protection in caisson work] Okhrana druda pri kassonnykh rabotakh. [Moskva] Izd-vo VTsSPS Profizdat, 1957. 150 p. (MIRA 11:7)
(Caissons) (Caisson-disease)

BETEREV, M., kand.tekhn.nauk; SHCHUPAKOV, N.

New technological processes and the problems of industrial hygiene. Okhr.truda i sots.strakh. no.5:61-63 N '58. (MIRA 12:1)

(Technology) (Industrial hygiene)

ZHELEZNOV, Boris Ivanovich; SHCHUPAKOV, Nikolay Nikolayevich; DENISOV, I.S., red.; ANDREYEVA, L.S., tekhn. red.

[Protection of adolescents' labor] Okhrana truda podrostkov. Izd.2., dop. Moskva, Profizdat, 1963. 93 p. (MIRA 16:8)

(Youth--Employment) (Industrial safety)

SHCHUPAKOV, N.N.; ROZANOV, L.S., red.; CHULKOV, I.F., tekhn. red.

[Prevention and treatment of caisson disease] Profilaktika i lechenie kessonnoi bolezni. Moskva, Medgiz, 1962. 185 p. (MIRA 15:11)

(DECOMPRESSION SICKNESS)

ANAN'YEV, M.G.; [illegible], I.I.; [illegible], P.N.; [illegible], V.I.

Surgery performed in an operating room under increased atmospheric pressure. Eksper. khir. i anest. 9 no.3:14-18 My-Je '64.
(MIRA 18:3)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov (dir. M.G. Anan'yev) i Vsesoyuznyy tsentral'nyy nauchno-issledovatel'skiy institut okhrany truda (dir. M.Ye. TSutskov) Vsesoyuznogo tsentral'nogo soveta professional'nykh soyuzov, Moskva.

→ Declassified 68

SHCHUPAKOV, Nikolay Nikolayevich; YAKOBSON, M.I., doktor med.nauk, Spets. red.; VESELKINA, A.A., red.; GOLICHENKOVA, A.A., tekhn.red.

[Labor protection in caisson work] Okhrana druda pri kassonnykh rabotakh. [Moskva] Izd-vo VTsSPS Profizdat, 1957. 150 p.
(Caissons) (Caisson-disease) (MIRA 11:7)

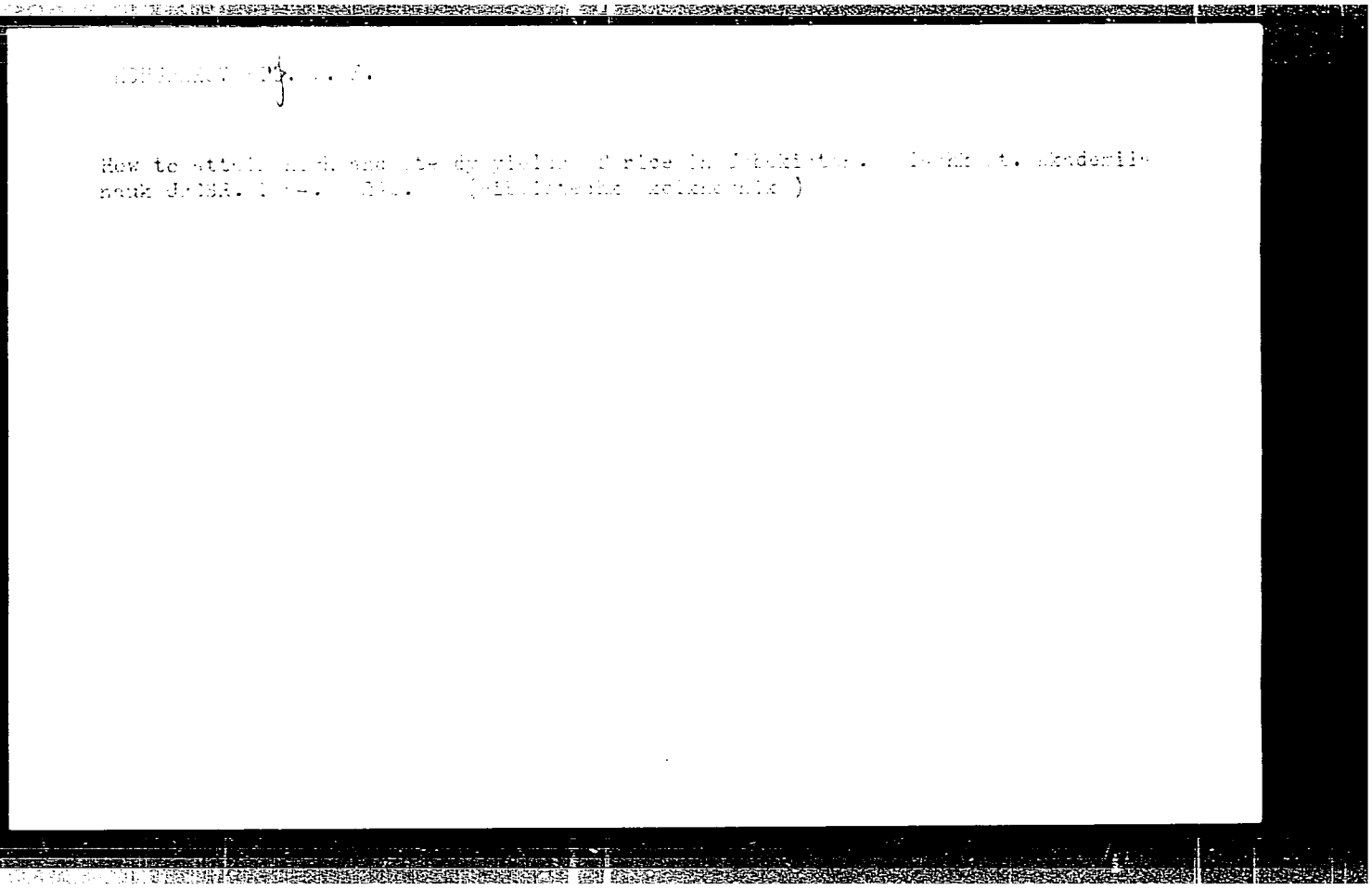
ALDYREVA, M.V.; MESHENGISSER, S.M.; MIRSKIY, M.Ya.; SHTOMBERG, M.S. (Moskva)

Improving labor conditions in intaglio shops of printing plants.
Gig.truda i prof.zab. 3 no.1:51-54 Ja-F '59. (MIRA 12:2)
(BENZENE--TOXICOLOGY)

SHCHUPAKOVSKIY, V. F.

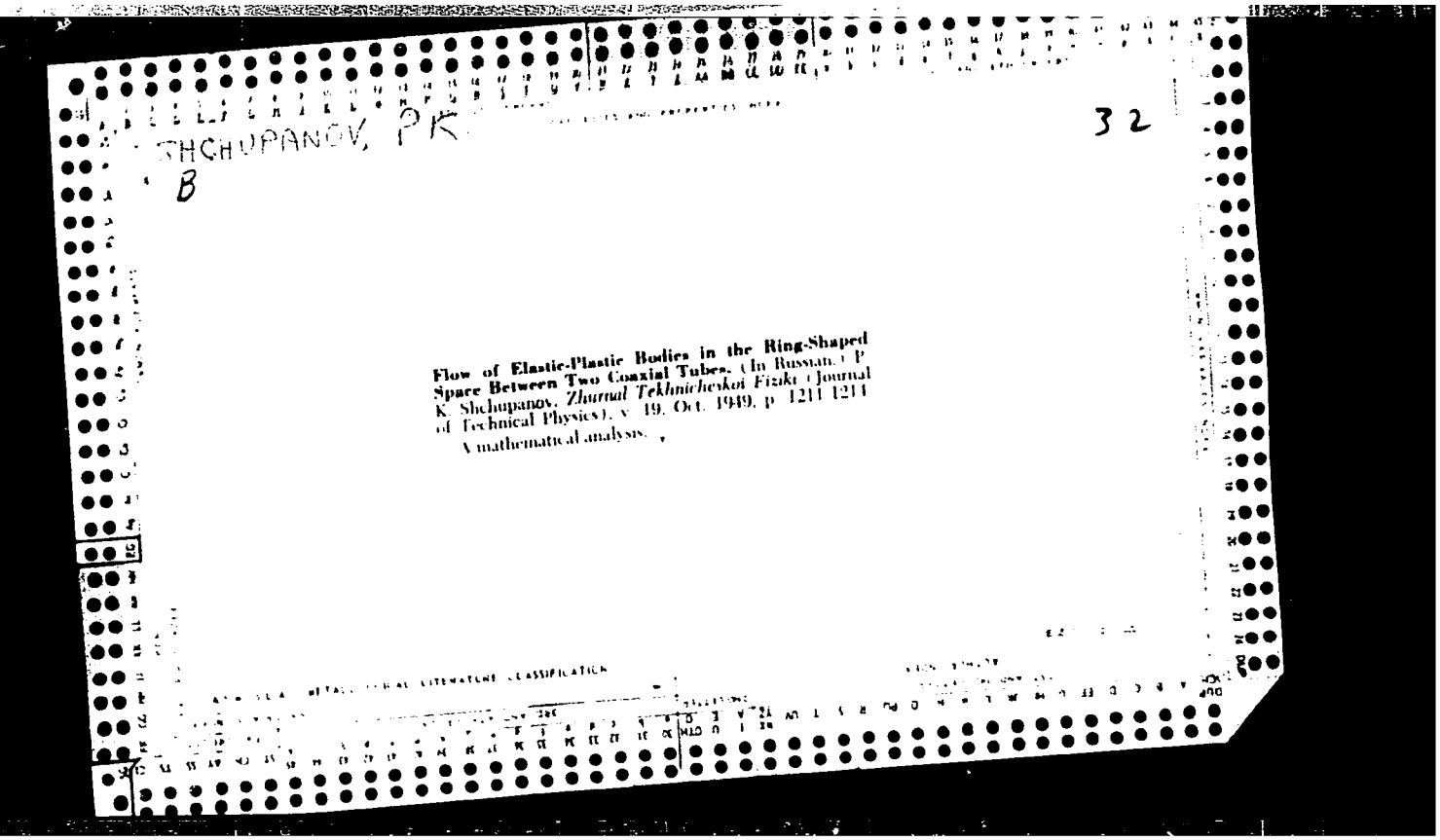
32585. O Kul'ture Malovadotrogovatel'nykh (Sukhodol'nykh) Soptov Risa v Uzgekistane. Sota. Sel. Uzbekistana. 1949 No. 3, 41-43

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



SHCHUPAKOVSKIY, V.F.

[Cultivation of rice in the Uzbek S.S.R.] Agrotekhnika risa v Uzbekistane. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1954. 69 p.
(Uzbekistan--Rice) (MLRA 9:12)



SHCHUPANOV, P K

B

32

Flow of Elastic-Plastic Bodies in the Ring-Shaped Space Between Two Coaxial Tubes. (In Russian.) P K. Shchupanov. *Zhurnal Tekhnicheskoi Fiziki* (Journal of Technical Physics), v. 19, Oct. 1949, p. 1211-1214

mathematical analysis.

DERKACH, V.G.; BEL'SKIY, A.A.; SHCHUPANOVSKAYA, R.I.

Characteristics of magnetic fields of drum separators with closed circuit. Obog. rud. 3 no.3:26-32 '58. (MIRA 12:1)
(Magnetic separation of ores)

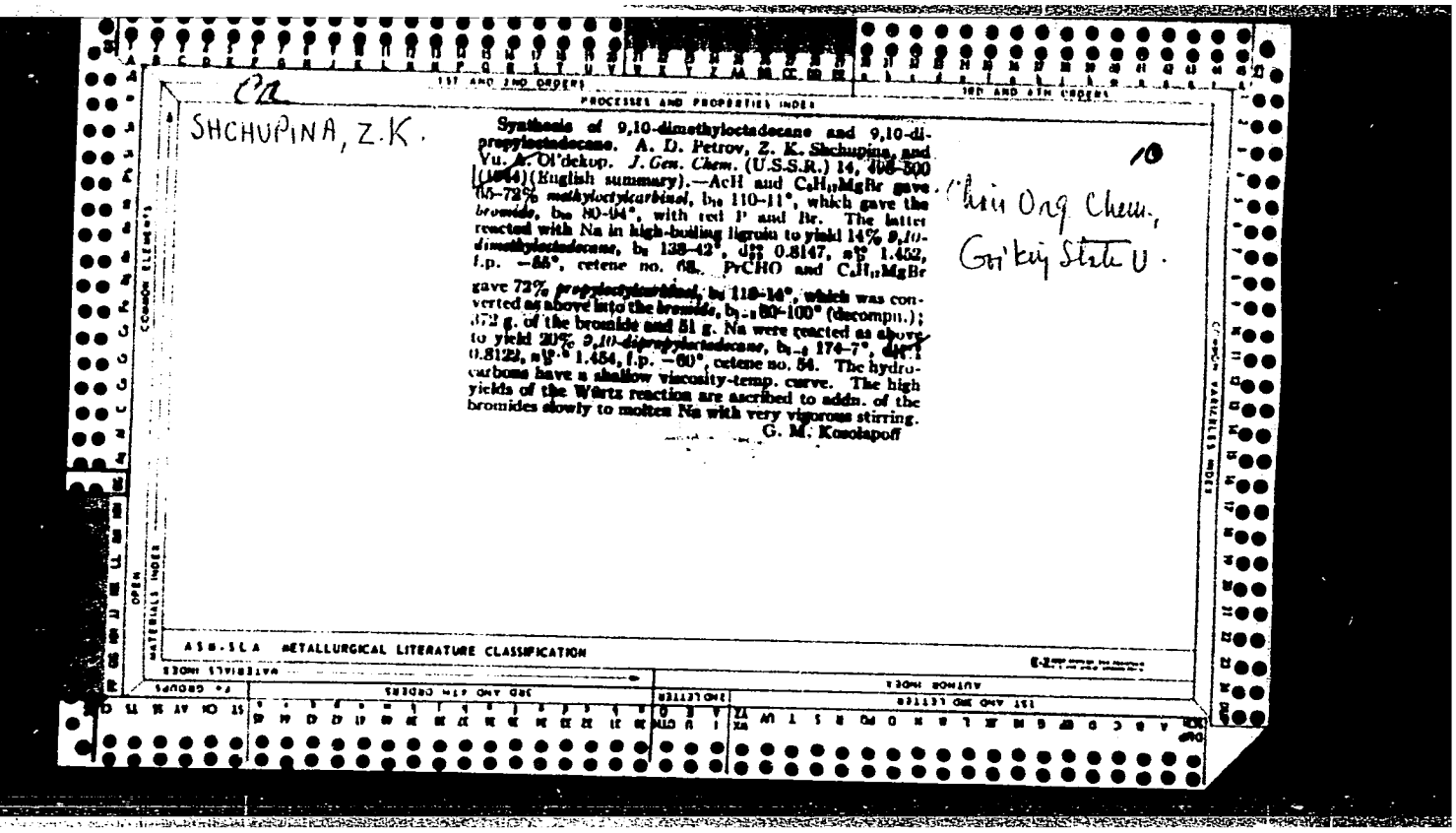
DERKACH, V.G.; SHCHUPANOVSKAYA, R.I.

Effect of the magnetic system pole spacing and the speed of drum rotation on the dry separation process. Obog.rud 5 no.4:27-34 '60. (MIRA 14:8)

(Magnetic separation of ores)

SHCHUPIK, Yu.P.

Fifteenth anniversary of the Kiev Branch of the Ukrainian Scientific Society of Forensic Medicine Experts and Criminalists. Sud.-med. ekspert. 8 no.1:62-63 Ja-Mr '65. (MIRA 18:5)



SHCHUPINA, Z.K.

PROCESSES AND PROPERTIES INDEX

Synthesis of 9,10-dimethyloctadecane and 9,10-dipropyloctadecane. A. D. Petrov, Z. K. Shchupina, and Yu. A. Ol'dekop. *J. Gen. Chem.* (U.S.S.R.) 14, 495–500 (1944)(English summary).—AcH and $C_8H_{17}MgBr$ gave 65–72% *methyloctylcarbinol*, b_{16} 110–11°, which gave the *bromide*, b_{16} 80–84°, with red P and Br. The latter reacted with Na in high-boiling ligroin to yield 14% *9,10-dimethyloctadecane*, b_3 138–42°, d_{20}^{20} 0.8147, n_D^{20} 1.452, f.p. −55°, cetene no. 68. PrCHO and $C_8H_{17}MgBr$ gave 72% *propyloctylcarbinol*, b_{16} 118–14°, which was converted as above into the *bromide*, b_{16} 80–100° (decompn.); 172 g. of the bromide and 51 g. Na were reacted as above to yield 20% *9,10-dipropyloctadecane*, b_{-4} 174–7°, d_{20}^{20} 0.8122, $n_D^{20.6}$ 1.454, f.p. −60°, cetene no. 54. The hydrocarbons have a shallow viscosity-temp. curve. The high yields of the Würtz reaction are ascribed to addn. of the bromides slowly to molten Na with very vigorous stirring.
G. M. Kosolapoff

10

Chem Org Chem.,
Gor'kiy State U.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

L 8306-66 EWT(m)/EWP(j)/T RPL WW/DJ/RM
ACCESSION NR: AP5026432 SOURCE CODE: UR/0153/65/008/004/0691/0695

AUTHOR: Shchuplyak, I. A.; Taganov, N. I.; Kirillov, V. M.

ORG: Department of Machines and Instruments for the Chemical Industries, Leningrad Technological Institute im. Lensovet (Kafedra mashin i apparatov khimicheskikh proizvodstv, Leningradskiy tekhnologicheskiy institut)

TITLE: Study of the sealing capacity of gaskets from polymeric materials

SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 8, no. 4, 1965, 691-695

TOPIC TAGS: hermetic seal, polyvinyl chloride, polyethylene, polytetrafluoroethylene

ABSTRACT: The conditions under which the tightness of flanged joints is achieved by using polymer gaskets were studied experimentally by using a special stand with an oil pump. The investigated materials were polytetrafluoroethylene (VTU M-172-54), polyethylene VD (VTU MKhP 4138-55), and gasket PVC plasticized resin (VTU MKhP 1535-47). A mathematical treatment of the experimental data yielded an equation expressing the relationship

UDC: 62164-762.42

ACCESSION NR: AP5026432

between the initial compressive stress of the gasket and its dimensions, internal pressure of the medium, and the modulus of compression, taken as the main characteristics of the physicomechanical properties of the gasket material. The equations obtained can be used for practical calculations of this nature. Orig. art. has: 2 figures, 1 table, and 15 formulas.

SUB CODE: 11 / SUBM DATE: 06Jul64 / ORIG REF: 007 / OTH REF: 002

SHCHUPLYAK, I.A., inzh.; TAGANOV, N.I., doktor tekhn.nauk, prof.

Calculating the density of flanged joints with polymer packings. Vest.mashinostr. 46 no.1:32-34 Ja '66. (MIRA 19:1)

SHCHUPLYAKOV, S.I.; POZDNYAKOVA, G.L., red. izd-va; MIKHAYLOVA, V.V., tekhn. red.

[Mechanization of the maintenance and repair of motor vehicles and the reconditioning of tires] Mekhanizatsiia tekhnicheskogo obsluzhivaniia i remonta avtomobilei i vosstanovlenie avtomobil'nykh shin; sbornik materialov po tematicheskoi vystavke. Pod red. S.I.Shchupliakova. Moskva, 1962. 237 p. (MIRA 15:7)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR.
(Motor vehicles--Maintenance and repair)
(Tires, Rubber--Retreading and recapping)

ACC NR: AP6030537 SOURCE CODE: UR/0413/66/000/017/0145/0145

INVENTOR: Tkachev, F. C.; Skulanov, B. S.; Shchuplyakov, Yu. N.; Chernyshev, L. N.

ORG: none

TITLE: Parachute. Class 62, No. 185708

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 17, 1966, 145

TOPIC TAGS: parachute, airdrop equipment, aircraft escape equipment

ABSTRACT: An Author Certificate has been issued for a parachute which has better aerodynamic characteristics and greater safety due to the fact that it combines such well-know features as the x-shaped canopy, a conical spring mechanism the built into the polar section of the canopy, and a central shroud line passing through the spring mechanism. Orig. art. has: 1 figure.

SUB CODE: 01/ SUBM DATE: 23Feb65/

Card 1/1 UDC: 629.13.01/06

[redacted] nauk, PROKOPENKO, L.I.; SHCHUR, A.G.

[illegible] of the pouring of steel. Avtom. i prib. no.1; [illegible] (MIRA 18:8)

VRUBLEVSKIY, V.I., inzh.; KRYZHANOVSKIY, O.M., inzh.; PANASYUK, L.S., inzh.; RAVICH, K.S., inzh.; SHCHUR, A.G., inzh.; GARNAZHENKO, I.O., inzh.; LEBEDEV, Ye.I., inzh.; PSAREV, A.M., inzh.; SALATSINSKIY, V.V., inzh.; SHOKAREV, V.A., inzh.

Over-all mechanization and automation of the compsition of charge. Mashinostroenie no.6:45-47 N-D '62. (MIRA 16:2)

1. Institut liteynogo proizvodstva, AN UkrSSR (for Vrublevskiy, Kryzhanovskiy, Panasyuk, Ravich, Shchur). 2. Toretskiy mashinostroitel'nyy zavod (for Garnazhenko, Lebedev, Psarev, Salatsinskiy, Shokarev).
(Cast iron--Metallurgy) (Automation)

SHCHUR, G.I.

Crane for mounting elevated tanks. Mekh. sil'. hosp. [8] no.12: 26 D '57. (MIRA 10:12)

1. Piryatins'ka mashinno-traktorna stantsiya, Poltavs'koi oblasti.
(Cranes, derricks, etc.)

YUKHIMCHUK, P.P., doktor sel'skokhozyaystvennykh nauk; SHCHUR, M.I.

Lupine in the Polesye. Zemledelie 27 no.3:47-53 Mr '65.
(MIRA 19:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut zemledeliya.

GRINBERG, A.; SHCHUR, V.

Problems of changing record keeping in corn milling. Muk.-elev. prom. 26 no.6:23-24 Je '60. (MIRA 13:12)

1. Zamestitel' nachal'nika Nikolayevskogo oblastnogo upravleniya Goskhlebinspektsii (for Grinberg). 2. Starshiy bukhgalter Komratskogo khlebopriyemnogo punkta Moldavskoy SSR.
(Corn milling)

Shchurak R. D.

Gasoline from shale oil. I. Kh. Stoler, I. A. Usk, and R. D. Shchurak. U.S.S.R. 106,400, July 25, 1957. Gasoline from shale oil is refined with H_2SO_4, redistd. at a temp. not exceeding 120°, and washed with a NaOH soln.

M. Hosch

SHCHURAKOVSKIY, V.

A good example. Prof.-tekh. obr. 14 no.5:31 My '57. (MLRA 10:6)

1. Rukovoditel' oblastnoy metodicheskoy sektsii obshchetekhnicheskikh distsiplin (g. Zaporozh'ye).
(Technical education)

SHCHUREOV, S.

Acute renal insufficiency in distal nephron nephrosis. Khirurgiia, Sofia 11 no.5-6:546-548 1958.

1. Iz Urologichnoto otdelenie na Okruzhnata bolnitsa--Pleven.
(ACUTE RENAL FAILURE,
lower nephron nephrosis (Bul))

SHCHURENKO, M.A., inzhener.

Tightening of threaded joints by means of socket wrenches attached with a dynamometer. Vest.mash. 33 no.11:100-103 N '53. (MLRA 6:12)
(Wrenches)

Shchurenko, M.A.

USSR/ Engineering - Threaded joints

Card 1/1 Pub. 128 - 5/33

Authors : Shchurenko, M. A.

Title : Measuring of stresses during the tightening of threaded joints

Periodical : Vest. mash. 36/1, 16-19, Jan 1956

Abstract : A new type dynamometric wrench incorporating a dial-type indicator for measuring stresses occuring during the tightening of threaded joints, is described. Test results obtained by means of the above mentioned wrench are given. Seven USSR references (1945-1954). Illustration; drawings; diagrams.

Institution : .....

Submitted : .....

AUTHOR: Shchurenko, M.A. SOV/122-58-12-2/32

TITLE: The Change in the Friction Torque of a Screw Thread After Tightening (Izmeneniye momenta treniya v rez'be posle zatyazhki)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 12, pp 8-10 (USSR)

ABSTRACT: The often made assumption is challenged, that shear stresses due to the friction torque in the tightening of screw fastenings are not important for bolt strength and/or are released soon after tightening. Tests are reported, wherein a stud of 18 mm diameter, with a 22 x 1.5 mm metric thread at each end, was screwed into an end plate and tightened with a bronze nut through a set of spherical seat steel washers, spigotted in another end plate with a thick sleeve between the two end plates. The torsional and axial stiffnesses of the sleeve exceeded those of the pin by factors of 370 and 17, respectively. An Amsler torsion testing machine was used to apply torque with a maximum scale reading of 50 kgm. Every 0.5 kgm, readings were taken on 2 dial indicators showing the twists of the pin relative to the sleeve.

Card 1/3

The Change in the Friction Torque of a Screw Thread after Tightening

Every 5 kgm, the rig was unloaded and the readings of twist and axial extension taken. Prior calibrations converted these readings into axial forces and torques, respectively. Fig 1 shows the friction torque and axial force proportional to the tightening torque. At 45 kgm the force is 8 tons and the friction torque 16.8 kgm. After unloading the tightening torque, the friction torque drops to 15.7 kgm. The tightened assembly was then placed in a tension testing machine and axially loaded, gripping by the end plates. A slowly varying loading cycle between zero and a maximum was applied. Flat curves in Fig 1 show the drop in the friction torque against the number of cycles. A typical value in loading to a tension peak of 6 tons is a friction torque drop of 0.25 kgm after the first cycle, 0.4 kgm after 5 cycles and no further drop up to 17 cycles. Fig 2 shows the friction torques in the connecting rod bolt of a tractor engine. Here, with a tightening torque of 18.5 kgm, the friction torque drops from 10.3 to 3.2 kgm. The difference between the two cases is due to the comparable

The Change in the Friction Torque of a Screw Thread after Tightening

stiffnesses in the engine bolt case of the components bolted together and the bolt. The friction coefficient between a steel bolt and a bronze nut was found to be 0.15-0.18. When both components were of oxidised steel, the friction coefficient rose to 0.44. Cadmium plating provides a metallic lubricant preventing seizure. In practice, cadmium plated bolts and nuts have sometimes led to failures because, using the same tightening torque as with cadmium, the bolt was overstressed.

There are 2 graphs and 11 Soviet references

[illegible], P. A., Cand Tech Sci -- (diss) "Measurement of loads by way of the tightening of threaded connections."Kuybyshev, 1960. 14 pp; (Ministry of Higher and Secondary Specialist Education USSR, Kuybyshev Industrial Inst im V. V. Kuybyshev); 150 copies; price not given; (KL, 24-60, 109)

MOROZOV, A., starshiy prepodavatel'; SHCHURENKO, Yu.; SOKOLOVSKIY, V.

Practical application of the self-synchronization method on seagoing tugboats of the "Urup" type. Mor.flot 19 no.3:26-28 Mr '59. (MIRA 12:4)

1. Dal'nevostochnyy politekhnicheskiy institut (for Morozov). 2. Starshiye inzhenery-elektriki Ministerstva transportnogo stroitel'stva Dal'nevostochnogo parokhodstva (for Shchurenko, Sokolovskiy).
(Electricity on ships) (Tugboats)

SHCHURENKO, Yu.; OSTROVSKIY, M.; SHPRINTSIN, V., dots.

Alternating-current electric dirve for cargo winches on "Andizhan"-type vessels. Mor. flot 20 no.11:24-27 N '60. (MIRA 13:11)

1. Starshiy inzhener-elektrik mekhaniko-sudovoy sluzhby Dal'nevostochnogo parokhodstva (for Shchurenko). 2. Nachal'nik elektrootdela Dal'nevostochnogo parokhodstva (for Ostrovskiy). 3. Dal'nevostochnyy politekhnicheskiy institut imeni Kuybysheva (for Shprintsin).
(Winches--Electric driving) (Electricity on ships)

SHCHURENKOV, M.P.; LIPSKAYA, A.A.

Improving the assortment and quality of glassware. Leg.prom. 14 no.6:6-9 Je '54. (MLRA 7:8)

1. Nachal'nik proizvodstvennogo otdela Glavstekla (for Shchurenkov) 2. Glavnyy khudozhnik Glavstekla (for Lipskaya).
(Glassware)

SHCHURENKOVA, A.I., podpolkovnik meditsinskoy sluzhby.

Prevention of malaria by drugs among troops in a hot climate. Voen.-med. zhur. no.5:25-33 My '50. (MLRA 9:9)
(MALARIA--PREVENTION)

SHCHUKENKOVA, A.I., zasluzhennyy deyatel' nauki Tadzhikskoy SSR.

Some results of a study on parasitic diseases of man in Tajikistan. Zdrav.Tadzh. 4 no.6:23-30 N-D '57. (MIRA 11:4)

1. Zamestitel' direktora Stalinabadskogo instituta epidemiologii i gigiyeny.
(TAJIKISTAN--PARASITOLOGY)

SHCHURENKOVA, A.I., dotsent, zasluzhennyy deyatel' nauki

Participation of nonprofessional medical workers in research work. Zdrav.Tadzh. 6 no.2:7-11 Mr-Ap '59. (MIRA 12:9)
(TAJIKISTAN--MEDICAL RESEARCH)

SHCHURENKOVA, A.

Academician Evgenii Nikanorovich Pavlovskii. Zdrav.Tadzh. 6 no.2:55 Mr-Ap '59. (MIRA 12:9)
(PAVLOVSKII, EVGENII NIKANOROVICH, 1884-)

SHCHURENKOVA, A.I. (Stalinabad)

"Problems of immunity and specific prophylaxis in Borovskii's disease" by N.F. Rodiakin. Reviewed by A.I. Shchurenkova. Zdrav. Turk. 4 no. 3:45-47 My-Je '60. (MIRA 13:10)
(DELHI BOIL)

SHCHURENKOVA, A.I., zasluzhennyy deyatel' nauki

International Conference on the Problems of Eliminating Parasitic and Infectious Diseases. Zdrav. Tadzh. 8 no.6:43-47 N-D '61. (MIRA 15:1)

(COMMUNICABLE DISEASES--CONGRESSES)
(PARASITOLOGY--CONGRESSES)

SHCHURENKOVA, A.I.

Use of the method of "skin windows" for studying the cytomorphology of inflammatory exudate. Lab. delo 8 no.2:46-47 F '62. (MIRA 15:2)

1. Meditsinskiy institut, Dushanbe.
(INFLAMMATION) (DIAGNOSIS, CYTOLOGIC)

SHCHURENKOVA, A.I., zasluzhennyy deyatel' nauki

Visceral leishmaniasis; disgnosis, treatment, and prevention.
Zdrav. Tadzh. 9 no.1:9-22 Ja-F '62. (MIRA 15:4)

1. Zaveduyushchiy kafedroy biologii Dushanbinskogo meditsinskogo instituta imeni Abuali Ibni Sino.
(KALA-AZAR)

SHCHURENKOVA, A.I., zasluzhennyy deyatel' nauki

Method of "skin windows" and its application in practice. Zdrav. Tadzh. 8 no.4:38-42 Jl-Ag '61. (MIRA 14:10)

1. Zaveduyushchiy kafedroy biologii Stalinabadskogo meditsinskogo instituta imeni Abuali ibni Sino.
(BLOOD--ANALYSIS AND CHEMISTRY)

SHCHURENSKII, V.Ye., Cand. of Vet. Sciences
All-Union Institute of Experimental Vet. Medicine
"Pathologo-histological changes in hyperimmunized horse-producers, healthy and ill with infectious anemia."
SO: Vet. 26 (10) 1949, p. 52

SHCHUREVSKIY, V.Ye., Cand. of Vet. Science; POPOVYANTS, M.N.
All-Union Institute of Experimental Veterinary Medicine
"Test of allergy preparation "Anemin VIEV" on horses, healthy and ill with infectious anemia."
SO: Vet. 27 (8) 1950, p. 16

1. SHCHUKINSKIY, M.Ye, KUDRYAVTSEVA, T.P.

2. USSR (600)

4. Brucellosis

7. Pathomorphological characteristics of virulent and immunogentic properties of the Br.suis 61 strain., Trudy Vses.inst.eksp.vet., 19, No.1, 1952

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

1. SHCHUDEVSKIY, V.YE.

2. USSR (600)

4, Swamp Fever

7. Pathohistological changes in hyperimmunized serum producing horses, both those affected by and those free of infectious anemia. Trudy vses.inst.eksp.vet. 19, no.1, 1952

9.

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