SHEVERNITSKIY, V.V.

USSR/Engineering - Bridges, Welding Jul 51

"Construction Attachment for Transversal and Longitudinal Beams in All-Welded Bridges With Traffic Along Lower Surface," V. V. Shevernitskiy, Cand Tech Sci, V. I. Trufyakov, Sci Worker

"Avtomat Svarka" No 4 (19), pp 56-72

Describes method for attaching transversal beams to trusses and longitudinal beams to transversal ones in railroad bridges. Definite construction of attachments is suggested, being on static strength of joints and convenience of execution. Presents results of vibration tests for studying behavior of suggested joints under varied loads.

215T30

SHEVERNITSKIY, V.V.

Distr: 4E2c/4F1

Brittle Fracture of Welded Metal Constructions. V. V. Shevernitskii and G. V. Zhemchurkhnizov. [*Avtomaticheskaya Svarka*, 1955, (8), 19–29]. [In Russian]. The authors examine the effect of three factors on the static tensile strength of welds (notches, residual stresses, design). Although notches may reduce the static tensile strength, they do not reduce it below the specified limits for temperatures down to −60° C. Residual stresses must be present to cause further reduction in tensile strength. Brittle fracture can be largely avoided by good design.—B. S.

SHEVERNITSKIY, V. V.

USSR/ Engineering - Welding

Card 1/1 Pub. 11 - 1/3

Authors : Shevernitskiy, V. V., and Zhemchuzhnikov, G. V.

Title : Concerning the effect of non-fusions and cracks in welded seams on the static resistance of welded joints

Periodical : Avtom. svar. 8/1, 3-16, Jan-Feb 1955

Abstract : Five groups of welded joint specimens were extensively tested at low temperatures to determine the effect of non-fusions and cracks in welded seams on the static resistance of welded joints. A description is given of individual experiments together with an evaluation of residual stresses and test results. Seven references: 6 USSR and 1 USA (1937-1954). Illustrations; tables; drawings; graphs.

Institution : Academy of Sciences of the USSR, E. O. Paton Institute of Electric Welding

Submitted : September 15, 1954

SHEVERNITSKIY, V.V.; ZHEMCHUZHNIKOV, G.V.

The problem of brittle failure in welded metal structures.
Avtom. svar. 8 no.6:19-29 N-D '55. (MIRA 9:2)

1.Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki imeni Ye.O.Patona AN USSR.
(Metals--Brittleness) (Steel, Structural--Welding)

AID P - 5416

Subject : USSR/Engineering

Card 1/1 Pub. 11 - 6/13

Authors : Novikov, V. I., and V. V. Shevernitskiy

Title : Testing beams with various butt joints and stiffeners

Periodical : Avtom. svar., 5, 37-42, My 1956

Abstract : The authors present the results of static tests given to I-beam specimens to find the most efficient method of reinforcing them, and specifically to find the best method of fixing the stiffeners to the I-beam flanges. Five tables, 5 drawings and 1 photo.

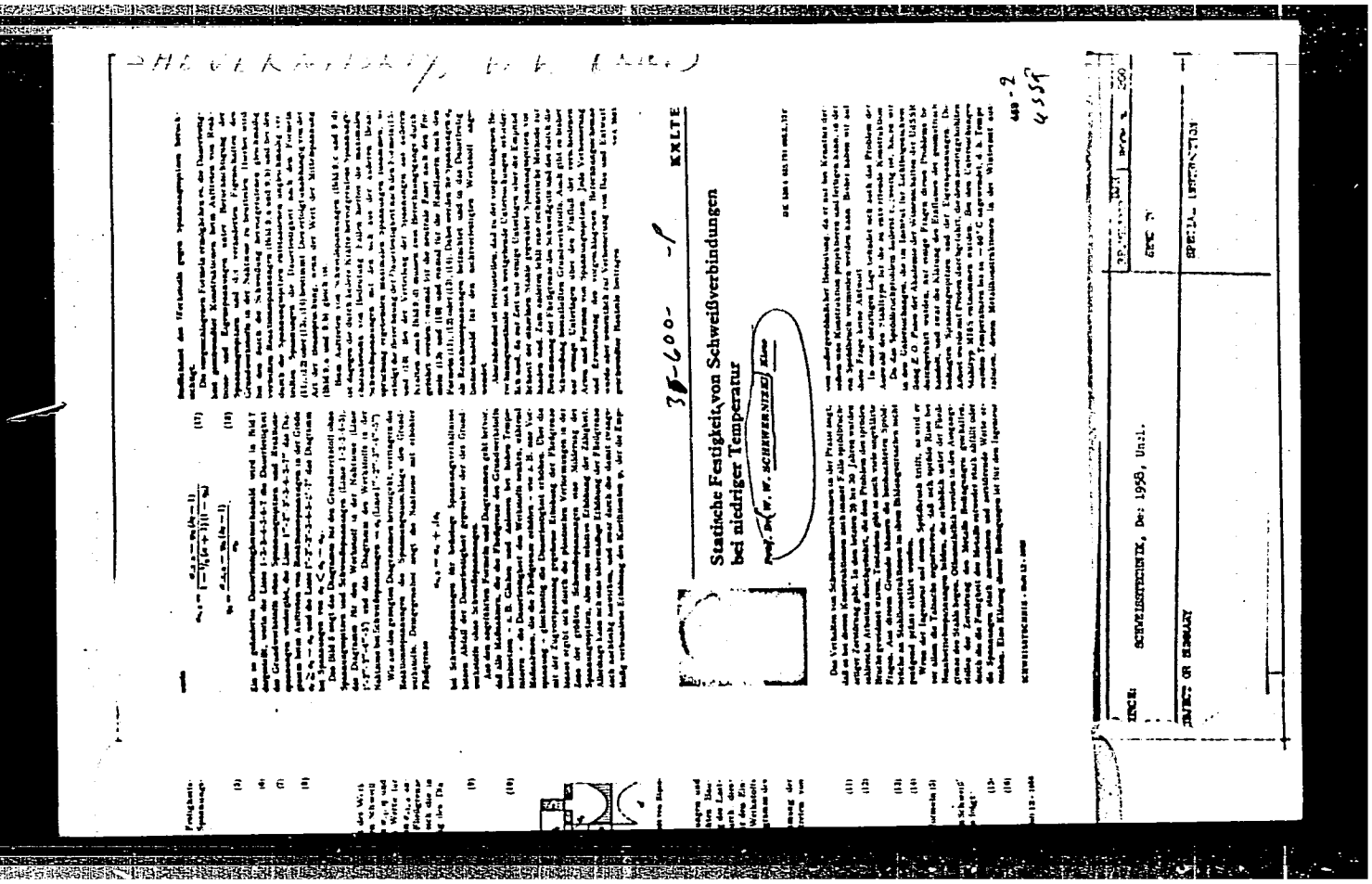
Institution : Electrowelding Institute im. Paton

Submitted : 15 0 1955

SHEVERNITSKIY, V.V.; ZHEMCHUZHNIKOV, G.V.

Welded joints in stretched elements of metal structures at low temperatures. Avtom. svar. 10 no.1:51-54 Ja-F '57. (MLRA 10:4)

1. Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O. Patona AN USSR.
(Structural frames--Welding) (Metals at low temperatures)



Statische Festigkeit von Schweißverbindungen bei niedriger Temperatur

AUTHORS: Shevernitskiy, V.V., Kovtunenko, V.A. SOV-125-58-8-13/16

TITLE: The Effect of Local Heat Treatment of Transverse Butt Welds of Pipes on the Magnitude of Residual Stresses (Vliyaniye mestnoy termoobrabotki poperechnogo stykovogo shva trub na velichinu ostatochnykh napryazheniy)

PERIODICAL: Avtomaticheskaya svarka, 1958, Nr 8, pp 79-83 (USSR)

ABSTRACT: The described experiments were carried out solely for the purpose of determining the effect of local heat treatment on residual stresses in transverse butt-welded pipes for one special case (arc welding), without any attempt to determine the effect on the mechanical properties. From the experiments carried out on two kinds of specimens, it was concluded that in this specific case local heat treatment can be useful in reducing transverse residual stresses in transverse butt-welded pipe joints. In the case of butt-joined plates local heat treatment does not reduce residual stresses, as confirmed by work carried out by V.I. Novikov from the Institute of Electric Welding.
There are 5 diagrams, 1 table and 1 Soviet reference.

Card 1/2

SOV-125-58-8-13/16

The Effect of Local Heat Treatment of Transverse Butt Welds of Pipes on the Magnitude of Residual Stresses

ASSOCIATION: Institut elektrosvarki imeni Ye.O. Patona, AN USSR (Institute of Electric Welding imeni Ye.O. Paton, AS UkrSSR)

SUBMITTED: May 27, 1958

1. Welds--Heat treating

Card 2/2

SHEVERNITSKIY, V.V., kand. tekhn. nauk; ZHEMCHUZHNIKOV, G.V., kand. tekhn. nauk.

Brittle fracture of welded structures. Vest. mash. 39 no.1:24-28 Ja '59. (MIRA 12:1)
(Welding) (Steel--Brittleness)

S/125/60/000/012/003/014
A161/A030

AUTHORS: Shevernitskiy, V.V.; Kovunenko, V.A.

TITLE: Static Strength of Longitudinal, Transverse and Combination Welds in Joints from AMg6 Alloy

PERIODICAL: Avtomaticheskaya svarka, 1960, No. 12, pp. 22 - 27

TEXT: The AMr6 (AMg6) aluminum alloy is one of preferred structural aluminum alloys. The purpose of the investigation was to determine the variations in the strength of welds of this alloy with varying length and cross section area, and in different combinations of longitudinal and transverse fillet welds. The AMg6 alloy is not heat-susceptible. The composition of specimens used in tests was: 0.69% Mn; 6.86% Mg; 0.1% Si; 0.11% Fe; 0.02% Cu; 0.14% Ti. The shape of the specimens is shown (Fig. 3); a 300-ton "Baldwin" test machine was used for tests in room temperature. The test results are given in six tables. Conclusions: 1) The nominal destructive stresses in longitudinal fillet welds do not change with increasing length to 50 weld legs in 8 x 8 mm welds, and to 33 legs in 12 x 12 mm welds. No data have been obtained for longer welds. 2) In longitudinal 8 x 8 and 12 x 12 mm fillet welds the minimum nominal destructive stress is 15.0 kg/mm^2, and

Static Strength of Longitudinal, Transverse and Combination Welds in Joints From AMg6 Alloy

this value can be used for calculations. 3) Transverse 12 x 12 mm fillet welds have a slightly higher strength than transverse 8 x 8 mm welds. But in the tests the welds were not fractured along the calculated plane, and a resistance value cannot yet be recommended for calculations. 4) In combined work of longitudinal and transverse fillet welds the nominal destructive stresses dropped, but further investigations are yet necessary before calculation values can be recommended.

ASSOCIATION: Ordena Trudovogo Krasnogo znameni Institut elektrosvarki im. Ye.O. Patona AN USSR (Electric Welding Institute "Order of the Red Banner of Labor" imeni Ye.O. Paton of the AS UkrSSR)

SUBMITTED: August 31, 1960

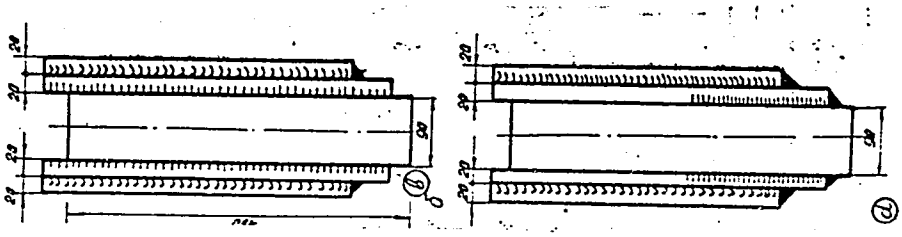
S125/60/000/012/003/014
A161/A030

Static Strength of Longitudinal, Transverse and Combination Welds in Joints From AMg6 Alloy

Figure 3:

Test specimens:

a) Specimen for lateral seams, type 4K with a length of 100 mm, 200 mm; face seams with a length of 100 mm, and combined seams with a length of 100 mm, of both the lateral and face seams; b) specimen for lateral seams with a length of 300 and 400 mm; c) specimen for face seams with a length of 200 mm; d) specimen for combined seams with lateral seams 200 mm long and face seams 100 mm long.



шов 100 мм, комбинирован-
ных для фланговых швов
г — тип образца для комби-
х 100 мм.

Card 3/4

S/125/60/000/012/003/014
A161/A030

Static Strength of Longitudinal, Transverse and Combination Welds in Joints From AMg6 Alloy.

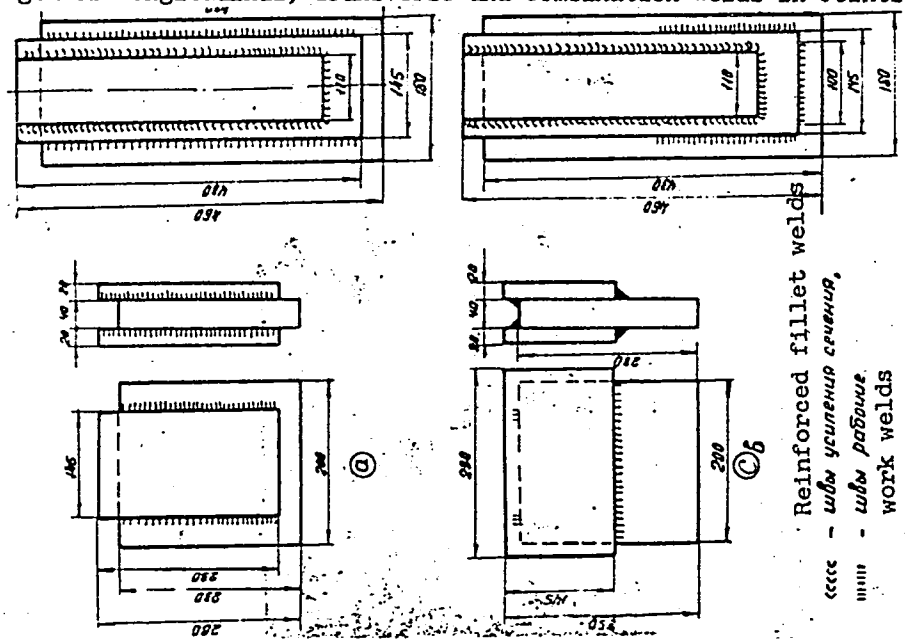


Рис. 3. Образцы для испытаний:
а — тип образца для фланговых швов 4К, 100 мм, 200 мм, лобовых — 100 мм; б — тип с длиной фланговых по 100 мм и лобовых — 100 мм; в — тип с длиной 200 мм; г — тип образца для лобовых швов длиной 200 мм; д — тип образца для лобовых швов длиной 300 и 400 мм; е — тип образца для лобовых швов длиной 200 мм с длиной фланговых швов 200 и 300 мм.

Card 4/4

S/125/60/000/010/001/015
A161/A133

AUTHOR: Shevernitskiy, V.V.

TITLE: Static Strength of Welded Structures

PERIODICAL: Avtomaticheskaya svarka, 1960, No. 10, pp. 3-10

TEXT: The causes of brittle failure in welded low-carbon steel joints are discussed and practical recommendations are given to designers. As it has been discovered in latest investigations, an abrupt drop in resistance below the yield limit in mild steel occurs incases of unfavorable combination of three factors: 1) high local stresses from concentrated load, deformation, or residual stresses; 2) the presence of a sharp stress concentrator; 3) low temperature. The combination is unfavorable if the stress concentration is located in the zone of high local stresses and at right angles to them, and the steel temperature makes the metal brittle. Test specimens are shown, including those used by H.E. Kennedy (Ref. 8). The essence of measures preventing brittle failure consists in using joint designs with the most uniform work stress curves, and avoiding geometrical stress concentrators. Two steel bands can be joined by using five types of butt plates (Fig. 7), and it can be seen in the included curves that the best for the

Card 1/7

beam (A-A section) is the rectangular butt plate attached with flank and butt end welds, whereas for the butt plate the rhomb shape is the most advantageous. In a joint between two U-bars (Fig. 8) the strength is very low on account of the gap perpendicular to the forces path and residual stresses in the flank seams. To raise the strength of this joint, either the gap between the butt ends of the elements must be increased to 40-50 mm, or the flank seams must not reach the element butt ends. It would be still better to use no butt joint plates at all. Angle bars should be attached to a gusset (Fig. 9) by flank and front welds, and the space between the welds a fixing one and the other bar, the distance should not be less than 30-40 mm. It is better to cut off the reinforcement sheet on a T-beam (Fig. 10), and to attach a tubular element to a gusset as shown in Figure 11 a. The presence of weld defects is not dangerous provided they are not located in high stress spots. There are 12 figures and 8 references: 7 Soviet-bloc and 1 non-Soviet-bloc.

S/125/60/000/010/001/015
A161/A133

Static Strength of Welded Structures

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O. Patona AN USSR (the "Order of the Red Banner of Labor" Electric Welding Institute im.Ye.O. Paton of the UkrSSR Academy of Sciences)

SUBMITTED: April 13, 1960

Card 3/7

22237
S/125/61/000/001/006/016
A161/A133

1.2300

AUTHORS: Shevernitskiy, V.V., Zhemchuzhnikov, G.V.

TITLE: Butt joint design for two angle bars

PERIODICAL: Avtomaticheskaya svarka, no. 1, 1961, 44-47

TEXT: It is not clear to designers what is the proper butt joint design between two angle bars under action of axial force. Such butt joints are avoided for two reasons - assembling of a butt joint with a definite gap is difficult, and weld defects are possible if the operator is not sufficiently skilled. Experiments were carried out to find the optimum joint design. All test specimens were made of Ст.3кп (St.3kp) steel (rimmed) and welded manually with УОНИ-13/45 (UONI-13/45) electrodes and subjected to tensile tests at 50-55°C after freezing in a gasoline bath cooled with dry carbonic acid. The five different joint types are illustrated. The joint by single butt weld (1) proved very good (when sound), and the rupture was tough and at some distance from the butt weld. The strength was somewhat lower in one such joint with cavities taking up 5-7% of the total cross section area. The

Card 1/4 2

22237
S/125/61/000/001/006/016
A161/A133

Butt joint design for two angle bars

joint (2) with butt faces put together without a gap was weak. The nominal ultimate stress in it was below the yield limit, and the rupture was brittle. The other three joints (3,4 and 5), with a gap of 20 mm and wider, or with the angle fishplate attached with the aid of flank and face seams, were good. It was thus proven that joints with angle fishplate fixed by flank seams only and with narrow gap should not be used. An additional face seam in such joints is very advisable. Of the fishplate joints the (5) is to be preferred, but the (1) type is better, provided that skilled operators are available, and assembly and gap adjustment not too difficult. It requires a minimum of metal, parts and weld metal. The test results may be applied for other bar shapes like U-bars, double-T, etc. There is 1 figure and 2 Soviet-bloc references.

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im.Ye. O. Patona AN USSR ("Order of the Red Banner of Labor" Electric Welding Institute im.Ye.O.Paton AS UkrSSR)

SUBMITTED: May 26, 1960

Card 2/4 2

OSTROVSKIY, S.A., kand. tekhn. nauk; RABKIN, D.M., kand. tekhn. nauk; MAKARA, A.M., kand. tekhn. nauk; SHEVERNITSKIY, V.V., kand. tekhn. nauk; ASNIS, A.Ye., kand. tekhn.nauk; POKHODNE, I.K., kand.tekhn. nauk; PODGAYETSKIY, V.V., kand.tekhn.nauk; PATON,B.Ye., laureat Leninskoy premii, akademik, doktor tekhn. nauk; BEL'FER,M.G., inzh.; MANDEL'BERG,S.L., kand.tekhn.nauk; MEDOVAR,B.I., doktor tekhn.nauk; GUREVICH,S.M., kand.tekhn.nauk; LATASH,Yu.V., kand.tekhn.nauk; KIRDO, I.V., kand.tekhn.nauk; SOROKA,M.S., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn.red.

[Technology of electric fusion welding]Tekhnologiia elektricheskoi svarki plavleniem. Moskva, Mashgiz, 1962. 663 p. (MIRA 15:12)

1. Nauchnyye sotrudniki Instituta elektrosvarki imeni Ye.O.Patona (for all except Soroka, Gornostaypol'skaya).
(Electric welding)

Shevernitskiy V. V.

L 11881-63 EWP(k)/EWP(q)/EWT(m)/BDS AFFTC/ASD Pf-4 JD/HM

PHASE I BOOK EXPLOITATION SOV/6330

74
59

Paton, B. Ye., Lenin Prize Winner, Academician, ed.

Tekhnologiya elektricheskoy svarki plavleniyem (Technology of Electric Fusion Welding) Moskva, Mashgiz (Southern Dept.), 1962. 663 p. Errata slip inserted. 25,000 copies printed.

Ed.: M. S. Soroka; Tech. Ed.: M. S. Gornostaypol'skaya; Chief Ed.: V. K. Serdyuk, Engineer.

Review: Department of Welding, Leningrad Polytechnic Institute; and Department of Welding, Moscow Higher Technical Institute imeni Bauman.

PURPOSE: This handbook is intended for students of schools of higher education who specialize in welding. It may also be used by engineering personnel of scientific research organizations and plants.

Card 1/17 3

L 11881-63
Technology of Electric Fusion (Cont.) SOV/6330

COVERAGE: The book reviews the basic principles of the technology of electric fusion welding of various metals and their alloys. Classification of welding processes and comparative characteristics of mechanized and manual welding methods are presented. Weldability problems and causes of defects in welded joints are discussed. Information on materials, equipment, and conditions of welding and surfacing of various metals, alloys, and structures is given. Brief information on the use of heat sources employed in special types of welding and on safety precautions is also given. The Introduction, Chapter I (except the part headed "Arc Welding" in section 1), Chapter II (except the part headed "Cold Cracks" in section 5, the part on methods of determining resistance to brittleness in sections 6, 7, 8, 9, 11, and 14) are the work of S. A. Ostrovskaya, Candidate of Technical Sciences. The part entitled "Welding Arc" in paragraph 1 was written by Ostrovskaya in cooperation with D. M. Rabkin, Candidate of Technical Sciences. A. M. Makara, Candidate of Technical Sciences, wrote the parts entitled "Cold Cracks" in

Card 2/2

L 11881-63
Technology of Electric Fusion (Cont.) SOV/6330

12

section 5 and 20. The part on methods of determining the temperature of transition to brittle behavior in section 6 is the work of V. V. Shevernitskiy, Candidate of Technical Sciences. Section 10 was written by A. Ye. Asnis, Candidate of Technical Sciences. I. K. Pokhodnya, Candidate of Technical Sciences, wrote section 12 and Chapter IX, while section 13 and Chapter XI were written by V. V. Podgayetskiy, Candidate of Technical Sciences. Chapter V is the joint effort of B. Ye. Paton and M. G. Bel'fer, Engineer. S. L. Mandel'berg, Candidate of Technical Sciences, is author of Chapter VI and section 19. Section 21 was written by B. I. Medovar, Doctor of Technical Sciences, and section 22 by Rabkin. Section 23 is the work of Yu. V. Latash, Candidate of Technical Sciences, while Chapter X was written by I. V. Kirdo, Candidate of Technical Sciences. The authors thank Doctors of Technical Sciences N. O. Okerblom and G. A. Nikolayev, respective heads of the reviewing departments, for their valuable comments. There are 31 references, all Soviet.

Card 3/13

TROCHUN, I.P.; SHEVERNITSKIY, V.V., kand. tekhn. nauk, retsenzent; OREL, I.V., inzh., red.; YEVSTAF'YEVA, N.P., red.izd-va; MAKAROVA, L.A., tekhn. red.

[Internal stresses and deformations during welding] Vnutrennie usiliia i deformatsii pri svarke. Moskva, Mashgiz, 1964. 246 p. (MIRA 17:3)

PATON, B.Ye., akademik, otv. red.; ASNIS, A.Ye., doktor tekhn. nauk, red.; KAZIMIROV, A.A., kand. tekhn. nauk, red.; KASATKIN, B.S., doktor tekhn. nauk, red.; RAYEVSKIY, G.V., doktor tekhn. nauk, red.; TRUFYAKOV, V.I., kand. tekhn. nauk, red.; SHEVERNITSKIY, V.V., kand. tekhn. nauk, red.[deceased]; GILELAKH, V.I., red.

[Design of welded structures; reports] Proektirovanie svarnykh konstruktsii; doklady. Kiev, Naukova dumka, 1965. 426 p. (MIRA 18:6)

1. Vsesoyuznaya konferentsiya po proyektirovaniyu svarnykh konstruktsii, Kiev, 1963.

SHEVERSTOV, V.I.

Sheverstov, V. I. and Sheverstova, G. Ye. "Catalytic effect of silver during oxidation of amino-oxide producing benzol," report 70, Trudy NIKFI (Nauch.-issled. kino-foto-in-t), Issue 7, 1947 (column title: 1944), p. 101-07 - Bibliog; 12 items

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

PANFILOV, P.F.; POMOMAREV, V.D.; OMAYEV, I.A.; POLYNSKAYA, A.M.; SHEVERTALOV, F.T.

Effectiveness of depleting converter slags from the Karsakpay Copper Smelting Plant. Trudy Inst. met. i obog. AN Kazakh. SSR 9:39-42 '64. (MIRA 17:9)

SHEVERTALOV, I. T.

"Problems Relating to the Complex Utilization of Power Resources of the Iliy River Basin," Iz. Ak. Nauk SSSR, Otdel Ekon i Prava, No.6, 1949

Abstract, W-8558, 6 Mar 50

SHEVES, G. [G.]

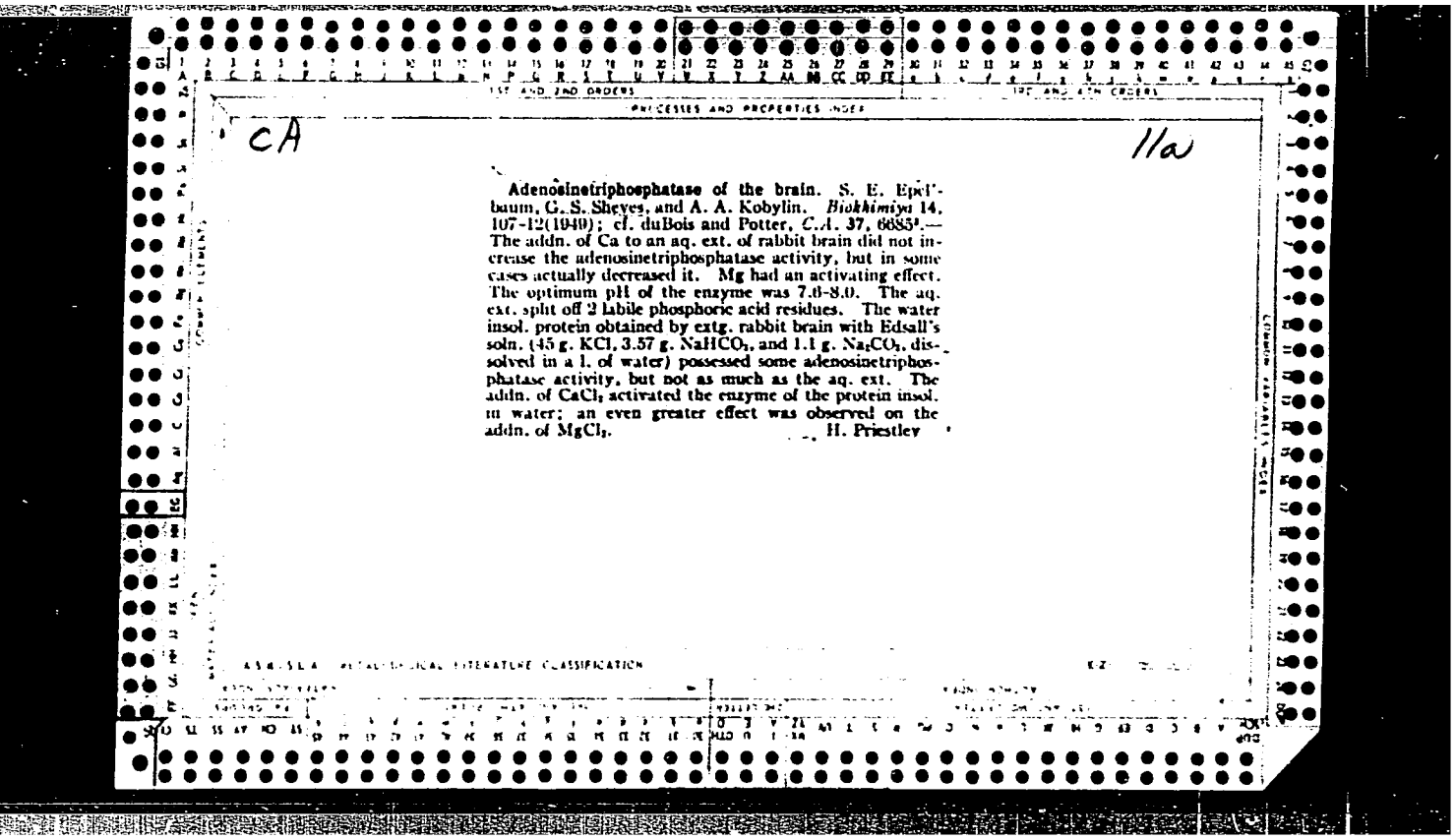
"Cathepsin and Glutathione in the Liver of Normal Rabbits, and in Hyperthyreosis," B. Gol'shteyn, M. Gintzburg, and G. Scheves (Ukr. Biochem. J., 1938, 12, 385-411)

The cathepsin activity of extracts of the liver of rabbits fed with thyroid gland is greater than in normal rabbits. H_2S lowers the activity of Fresh extracts, to a greater extent in the former than in the latter group. The activity of the extracts falls with time, and such extracts are then activated by H_2S to a greater extent in thyroid-fed animals; this effect is not paralleled by disappearance of reduced glutathione from the extracts. The presence of activators of cathepsin other than glutathione is postulated.

SHEVES, G. S.

32428. SHEVES, G. S. O formakh askorbinovoy kisloty (vitamina S) v organakh ryb. Trudy Ural'skogo otd-niya (Vsesoyuz. nauch.-issled. int ozer. i rech ryb khoz-va.), t. IV, 1949, s. 289-94.

SO: Letopis Zhurnal'nykh Statey, Vol. 44



CA

11a

Adenosinetriphosphatase of the brain. S. E. Epel'baum, G. S. Sheyes, and A. A. Kobylin. *Biokhimiya* 14, 107-12(1949); cf. duBois and Potter, *C.A.* 37, 6885⁵.—The addn. of Ca to an aq. ext. of rabbit brain did not increase the adenosinetriphosphatase activity, but in some cases actually decreased it. Mg had an activating effect. The optimum pH of the enzyme was 7.6-8.0. The aq. ext. split off 2 labile phosphoric acid residues. The water insol. protein obtained by extg. rabbit brain with Edsall's soln. (45 g. KCl, 3.57 g. $NaHCO_3$, and 1.1 g. Na_2CO_3, dissolved in a l. of water) possessed some adenosinetriphosphatase activity, but not as much as the aq. ext. The addn. of $CaCl_2$ activated the enzyme of the protein insol. in water; an even greater effect was observed on the addn. of $MgCl_2$. H. Priestley

116

CA

Adenosinetriphosphatase of rabbit liver during the normal state and during hyperthyroidism. G. S. Sheves and A. A. Kobylin (Med. Inst., Molotov). *Biokhimiya* 16, 128-32 (1951).—Adenosinetriphosphatase (I) belongs to the class of enzymes whose activity is dependent on sulfhydryl (SH) groups. Thyroid hormone causes an increase in the SH groups of myosin. Hyperthyroidism in rabbits induced by feeding thyroidin increases the liver activity of I by 30%. This increase in activity is partly responsible for intensification of the biochem. processes in hyperthyroidism. H. P.

1951

SHEVES, G.S.

Effect of denervation and tenotomy on pyrophosphatase and adenosinetriphosphatase activity. Biokhimiya 18, 63-70 '53. (MLRA 6:1) (CA 47 no.15:7626 '53)

1. Med. Inst., Molotov.

SHEVES, G.S.

Intensity of proteolysis and rate of inclusion of radioactive methionine in muscle proteins following denervation and tenotomy. Biokhimiia 20 no.2:152-157 Mr-Ap '55. (MLRA 8:8)

1. Kafedra biokhimii Molotovskogo meditsinskogo instituta.
(METHONINE,
radiosulfur labeled, binding by musc.proteins after denervation & tenotomy)
(MUSCLE PROTEINS, metabolism,
methionine, labeled with radiosulfur, binding & proteolysis, eff. of denervation & tenotomy)
(SULFUR, radioactive,
labeled methionine, binding by musc.proteins after denervation & tenotomy)
(MUSCLES, physiology,
eff. of denervation & tenotomy on protelysis & binding of labeled methionine by musc.proteins)

Translation NIH in/M

SHEVES, G.S.; EPEL'BAUM, S.Ye.; RYUMINA, V.I.

Protein metabolism and oxidation processes in denervated muscles in hypotheroid animals. [with English summary in insert] Biokhimiia, 21 no.1:71-77 Ja-F '56. (MLRA 9:7)

1. Kafedra biokhimii Molotovskogo meditsinskogo instituta
(METHIONINE, metabolism,
musc., eff. of denervation & hypothyroidism in animals (Rus))
(MUSCLES, metabolism,
metionine, eff. of denervation & hypothyroidism in animals (Rus))
(HYPOTHYROIDISM, experimental,
eff. on methionine in denervated musc. (Rus))

SHEVES, G. S

The effect of denervation on the intensity of oxidative processes in white and red muscles. G. S. Sheves and V. A. Ryumina. *Biokhimiya* 21, 385–8(1956).—Unilateral neurotomies were performed on rabbits at the level of the upper third of the femur. The muscles on the unoperated side were used as controls. At different time intervals after the operation animals were decapitated, the gastrocnemius and the soleus muscles were dissected out, freed from tendon and fascia and comminuted. Muscle oxidation was studied by the Warburg method. O consumption by the denervated white muscle (gastrocnemius) is increased and of the red muscle (soleus) is decreased. The same is true of the activity of pyrophosphatase. The glutathione of the white muscle is decreased and is unchanged in the red muscle. Catalase activity following denervation is considerably increased in both types of muscles, but to a much greater extent in the white muscle. It is concluded that the maintenance of the metabolic levels of muscles is a neuro-function.

B. S. Levine

Chair of Biochem, Molotov Med. Inst.

SHAVLS, G. S.

The effect of denervation on the intensity of oxidative processes in white and red muscles. G. S. Shaves and V. I. Ryumina. *Biochemistry* (U.S.S.R.) 21, 380-92(1956)(English translation).—See C.A. 50, 17069e. B. M. R.

2

D

T-2

USSR/Human and Animal Physiology (Normal and Pathological). Metabolism. Nitrogen Metabolism.

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74471

Author : Sheves, G.S.
Inst : -
Title : Investigation by Means of Radioactive Amino Acids of the Restoration of Amino Acids of Proteins of Muscles After Denervation.

Orig Pub : Tr. Molotovsk. med. in-ta, 1957, vyp. 26, 175-179.

Abstract : In rabbits and rats, a neurotomy was performed on the sciatic nerve at the level of the upper third of the hip; the intact extremity served as a control. In different periods after the operation, methionine-S35 (I) or glycin-C^{14} (II) from a calculation of 5000 pulses/min per 1 g weight (for rabbits) and 10,000 pulses/min per 1 g (rats) were introduced subcutaneously in the animals. In 17-20 hours, the animals were sacrificed and the rate of

Card 1/3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74471

denervation the inclusion of I in the P of muscles of DE increased as compared to the control. Stimulating synthesis of P after denervation is conditioned by an increase of the acidic processes in the denervated muscle. -- D.S. Gurovich.

SHEVES, G.S.

Glutathione and ascorbic acid in the tissues of rats in experimental hypothyreosis induced by the introduction of radioiodine J131 and 6-methylthiouracil [with summary in English]. Biokhimiia 23 no.1:80-86 Ja-F '58. (MIRA 11:3)

1. Kafedra biokhimii Permskogo meditsinskogo instituta.
(GLUTATHIONE, metabolism,
in exper. hypothyroidism (Rus)
(VITAMIN C, metabolism,
same)
(HYPOTHYROIDISM, experimental,
eff. on glutathione & vitamin C metab. (Rus)

SHEVES, G.S.: SKACHEDUB, G.Ye.; DERGOUSOVA, Ye.A. (Perm')

Protein metabolism following simultaneous administration of 6-methylthiouracil and insulin. Probl.endok.i gorm. 5 no.5: 78-84 S-O '59. (MIRA 13:5)

1. Iz kafedry biokhimii Permskogo meditsinskogo instituta.
(INSULIN pharmacol.)
(PROTEIN metab.)
(THIOURACIL rel. cpds.)

SHEVES, G.S.

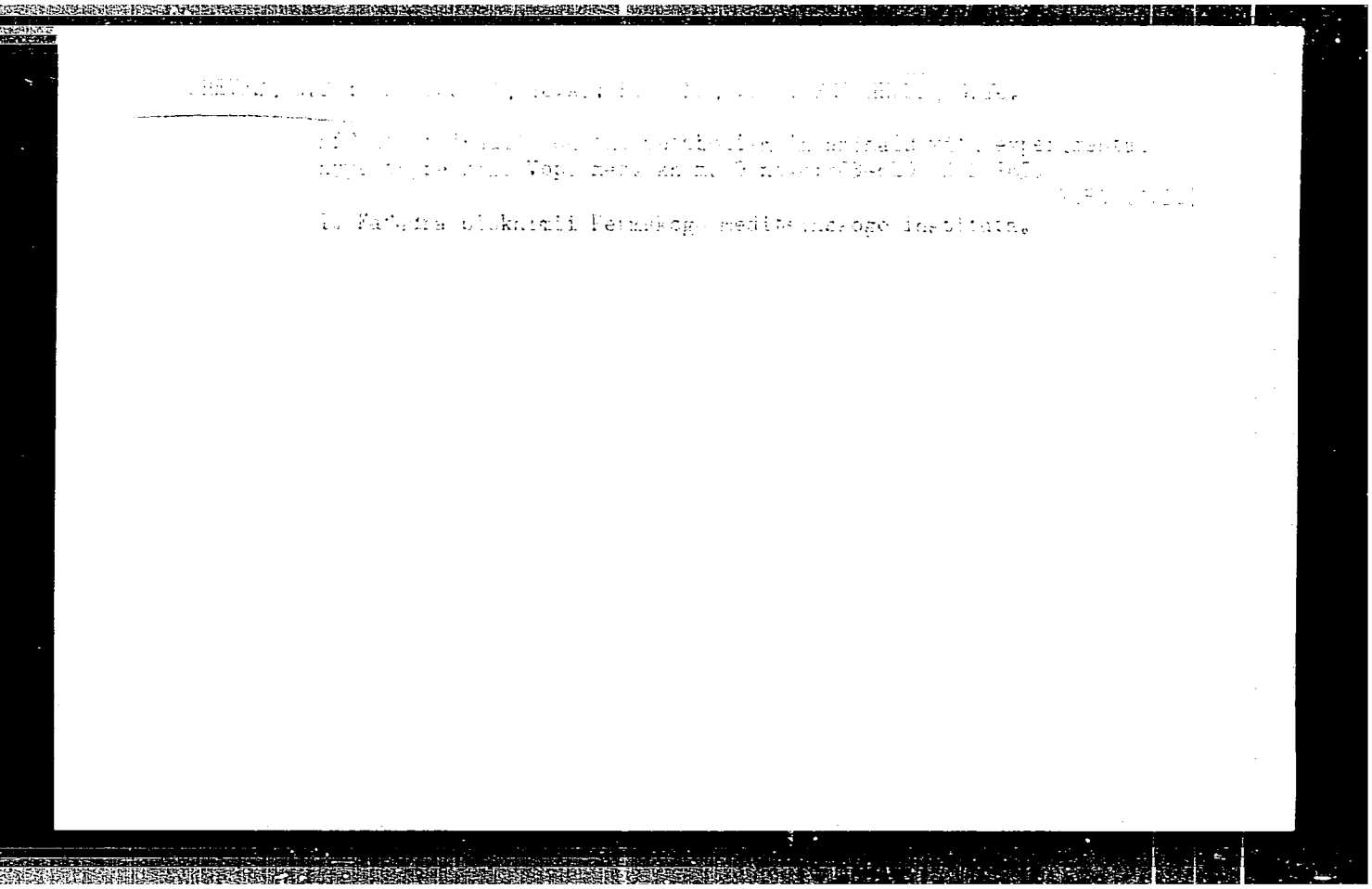
Insulin inactivating properties of denervated and tenotomized muscles. Ukr. biokhim. zhur. 33 no.3:332-339 '61. (MIRA 14:6)

1. Kafedra biokhimii Permskogo meditsinskogo instituta.
(INSULIN) (MUSCLES—INNERVATION)
(TENOTOMY)

SHEVNS, G.S. [Shevens, H.S.]

Regulation of the hexokinase reaction of muscles. Ukr. biokhim. zhur. 35 no.5:669-675 '63. (MIRA 17:5)

1. Department of Biochemistry of Farm Medical Institute.



AFANAS'YEVA, Tamara Dmitriyevna; RYBALKA, Nikolay Ivanovich; SHEVEYKO, A., red.; URBISINOV, A., tekhn. red.

[Grain storage and drying] Khranenie i sushka zerna. Alma-Ata, Kazsel'khozgiz, 1963. 67 p. (MIRA 17:1)

FEDOROV, Aleksandr Iosifovich, prof. doktor sel'khoz. nauk; SHEVEYKO, A., red.

[Conservation and use of natural resources] Okhrana i ispol'zovanie prirodnykh resursov. Alma-Ata, Kazsel'-khozgiz, 1964. 135 p. (MIRA 18:5)

BAKAYEVA, Yekaterina Vasil'yevna; CHERNOGOLOVIN, Vasiliy Petrovich; SHEVEYKO, A.S., red.; URBISINOV, A., tekhn. red.

[Soybean in Kazakhstan] Soia v Kazakhstane. Alma-Ata, Kaz-sel'khozgiz, 1963. 35 p. (MIRA 17:1)
(Kazakhstan--Soybean)

SHEVSZ, M.

"On the Problem of Unstationary Distribution of Air Temperature near the Underlying Surface," Dok. AN, 40, No. 4, 1943. Mor., Main Geophysics Observatory, -1943-.

SAVIKOV, Iv. BULGARIA

[Academic Degrees]

[Affiliation] Scientific collaborator on Virusology with the [illegible]

[Source] Sofia, Hrvden Veditsinski Rabotnik, No 5, 1962, pp 30-31.

[Data] "Specific Prophylatics With the Mumps."

L 42123-65 EWG(v)/EWT(1)/FS(v)-3/FSS-2 Pe-5/P1-4/Po-4/Pq-4/Pae-2 TT/GW
ACCESSION NR: AP5009639 UR/0293/65/003/002/0231/0236

AUTHOR: Shevin, A. D.

TITLE: Use of artificial satellites and rockets to measure the X-, Y-, Z-components of the geomagnetic field

SOURCE: Kosmicheskiye issledovaniya, v. 3, no. 2, 1965, 231-236

TOPIC TAGS: magnetic field component, magnetometer, satellite orbit, inclination angle, terrestrial equator, deflection angle, magnetic field

ABSTRACT: The northern X-, eastern Y-, and vertical Z-components of the geomagnetic field are measured with a magnetometer mounted on a probe of triaxial orientation system. This is connected to a rocket or satellite in a polar or equatorial orbit. At other angles of orbit inclination to the terrestrial equator, X- and Y-components must be reduced according to formulas for the defection angle. When no orientation system of the satellite is used, the reduction can be done by using spherical trigonometric formulas to compute angles between

Card 1/2

L 42123-65
ACCESSION NR: AP5009639 0

the directions of the satellite and the earth, the satellite and the sun, and the satellite and the vector of the geomagnetic field. The magnetometer mounted on the satellite measures the total vector of the magnetic field. The X_e-, Y_e-, and Z_e-components of the reduced system can be computed from the measured scalar value of the intensity of the total field T, using cosine formulas. These components can be transformed into components oriented in geographical directions. Orig. art. has: 6 figures, 1 table, and 17 formulas. [EG]

ASSOCIATION: none

SUBMITTED: 12Mar64 ENCL: 00 SUB CODE: AA,SV

NO REF SOV: 003 OTHER: 000 ATD PRESS: 3237

Card 2/2 CC

TAYTCV, M.; SHEVKALENKO, S.

Tractors - Repairing

Repair work according to new technological methods; MTS 11 no. 12, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1952 xxxxx, Uncl.

SHEVKIN, V.S.

Pedagogika D.D'yi na sluzhbe sovremennoi amerikanskoi reaktsii (Pedagogics of J.Dewey in the service of present-day American reaction). Moskva, Uchpedgiz, 1952. 144 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

30977. SHEVKO, A. D., SHOGAN, A. N.,AND RASHAP, B. YA.

Nekotorye fiziologicheski aktivnye veshchestva v krovi donorov. Trudy Ukr. psikhonevrol. In-ta, t. XXV, 1949, s. 31-36

31076. SHEVKO, A. D.

Legkogidrolizuemye fosfornye soedin eniya venoznoy krovi bol'nykh shizofreniey. Trudy Ukr. psikhonevrol. in-ta t. XXV, 1949, s. 59-o7

KHIL'CHENKO, A.Ye. [Khil'chenko, A.IE.]; MOLDAVSKAYA, S.I. [Moldavs'ka, S.I.]; SHEVKO, G.N. [Shevko, H.M.]

Comparative characteristics of the mobility of basic nervous processes in various analysors in man. Fiziol. zhur. [Ukr.] 9 no.4:437-442 Jl-Ag '63. (MIRA 17:10)

1. Laboratory of Higher Nervous Activity of Man and Animals of the A.A. Bogomoletz Institute of Physiology of the Academy of Sciences of the Ukrainian S.S.R., Kiev.

L 31932-66 EWT(1) SCTB DD

ACC NR: AP5018347 SOURCE CODE: UR/0245/65/000/004/0133/0139

AUTHOR: Khil'chenko, A. Ye.; Moldavskaya, S. I.; Kol'chenko, N. V.; Shevko, G. N.

ORG: Institute of Physiology im. A. A. Bogomol'ts, AN UkrSSR, Kiev (Institut fiziologii AN UkrSSR)

TITLE: The effect of hypnopedic (natural sleep) teaching methods on the efficiency of the cerebral cortex

SOURCE: Voprosy psikhologii, no. 4, 1965, 133-139

TOPIC TAGS: hypnopedia, psychologic stress, conditional reflex

ABSTRACT: This study verifies the effect of hypnopedic teaching on the efficiency of the cerebral cortex as expressed by reactions to two sets of visual stimuli: simple geometric figures and short, written words. The experiment was carried out under standard conditions on fifteen subjects in the same age group, having the same educational background, and being taught by hypnopedic methods; a control group of fifteen subjects being taught by conventional methods was tested simultaneously. In the experiments, subjects were instructed to press buttons in response to simple geometric figures (circle, square, triangle). This test was considered to determine the responsiveness of the primary signal system. A second visual test involved pressing buttons to classify simple words according to whether they designated objects belonging to the

Card 1/2

L 31932-66

ACC NR: AP5018347

animal, vegetable or mineral kingdom. This experiment was designed to test responsiveness of the secondary signal system. The authors took the maximum speed at which subjects made no more than three errors per fifty stimuli as a criterion for nerve responsiveness. Efficiency of the cerebral cortex was taken to stand in inverse relationship to the number of errors per set of eight hundred stimuli. Both groups of subjects were tested three times: the experimental group at the beginning of, immediately after, and a month and a half after hypnopedia; the control group before and immediately after examinations and once again a month and a half later (after rest). Reaction time of the experimental group was also tested on the same three occasions. It was found that nerve responsiveness and cerebral cortex efficiency were not significantly altered in either group in regard to the primary signal system. With respect to the secondary signal system, however, statistically significant changes were noted: nerve responsiveness was reckoned at 0.977 for the experimental and 0.970 for the control group, cerebral cortex efficiency at 0.811 for the experimental and 0.784 for the control group. Responsiveness and efficiency returned to pre-experimental levels in both groups after a rest period of one and a half months. The authors therefore conclude that two months of hypnopedia has no specific harmful effect on brain function and in particular involves no more cerebral stress than intensive study by conventional methods. Orig. art. has: 3 figures.

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 009/ OTH REF: 001

Card 2/2

L 9978-65 EWT(l)/EWG(v)/FCC/EEC-4/EEC(t)/EWA(h) Pc-4/Pe-5/Pq-4/Pae-2/Peb/
P1-4 RAEM(a)/AFWL/ESD(c)/SSD/ESD(t) GM/WS
ACCESSION NR: AP4046293 S/0203/64/004/005/0951/0954

AUTHOR: Potapova, N.I., Shevko, M.L.

TITLE: Height of the sporadic E layer

SOURCE: Geomagnetizn i aeronomiya, v. 4, no. 5, 1964, 951-954

TOPIC TAGS: ionosphere, upper atmosphere, ionospheric E layer, sporadic E layer

ABSTRACT: A study has been made of the height of the E_s layer of the ionosphere on the basis of data obtained by vertical sounding. The investigation was largely concerned with the two daytime types observed near the maximum of the E layer (types c and h). In contrast to other types of E_s (1, f), for the two mentioned types there is a great difference between the virtual (h') and true (h) heights. A study was made of N(h) - profiles on Regular World Days and also on 10 magnetically quiet days in each season during the IGY period at Moscow. The determined diurnal variation of the median values hE_s (true height of reflection from E_s), as indicated by 1957-1958 data for different seasons, is shown in Fig. 1 of the Enclosure. In the summer the maximum hE_s were observed in the morning and evening hours and the minimum during the daytime. At the equinoxes the diurnal variation also shows a tendency to an increase of E_s in the morning and

Card 1/6

evening hours. In winter there is a clearly defined h_{E_s} variation with a maximum near midday. The medium distributions of ionization in the E region were determined for 1100, 1200 and 1300 hours (LT) and compared with the height of E_s during this period. It was found that the considered types of E_s occurred for the most part at heights where the electron density was more than 80% of the maximum electron density for the E region. The E layer in summer is lower than in winter and since E_s of types c and h is formed near the maximum of the E layer, the rise near midday in the seasonal variation in winter apparently can be attributed to the seasonal change of the height of the E layer maximum. In summer, at midday, when the E layer is lower, E_s is formed at lesser heights; in winter, with a greater height of the E layer, the height of E_s increases. In order to determine the probability of the appearance of E_s at a particular height histograms were constructed showing the distribution of h_{E_s} at all hours of the day for different seasons. Fig. 2 of the Enclosure shows histograms for all hours (including disturbed periods) for summer (top), equinox (middle) and winter (bottom). The most reliable histogram for summer shows not only a principal maximum at heights of 100-105 km, but also an increase in the probability of the appearance of E_s at heights

of 113, 121 and 129 km. At the equinox there is an increase in the probability of the appearance of E_s at heights of 107, 113, 119 and 125 km. It is difficult to draw reliable conclusions for winter, but it is possible to note an increase in the probability of the appearance of E_s at heights of 107 and 129 km. The histograms for summer, constructed separately for the near-midday and transitional hours, show a more detailed distribution of hE_s. At the near-midday hours there are clear maxima at heights of 103, 113 and 121 km, and at the transitional hours — at 101, 105, 119, 123 and 128 km, with the main maximum at 109 km. On the one hand, E_s has a tendency to maintain its height under certain conditions, but it can also change discontinuously. Discontinuous change hE_s may be caused by the appearance of new formations at another level, rather than a change in the height of particular formations. A study of the stability of hE_s would require that observations be made more than once each hour. "In conclusion the authors wish to thank T.S. Kerbly for valuable advice and assistance in preparing the article". Orig. art. has: 1 table, 3 figures and 1 formula.

ASSOCIATION: Institut zemnogo magnetizma, ionosfery*i rasprostraneniya radiovoln AN SSSR (Institute of Terrestrial Magnetism, the Ionosphere and Radio Wave Propagation, AN SSSR)

L 9978-65

ACCESSION NR: AP4046293

SUBMITTED: 15Oct63 ENCL: 02 SUB CODE: ES

NO REF SOV: 003 OTHER: 005

Card 4/6

ACCESSION NR: AP4046293 ENCLOSURE: 01

L 9978-65

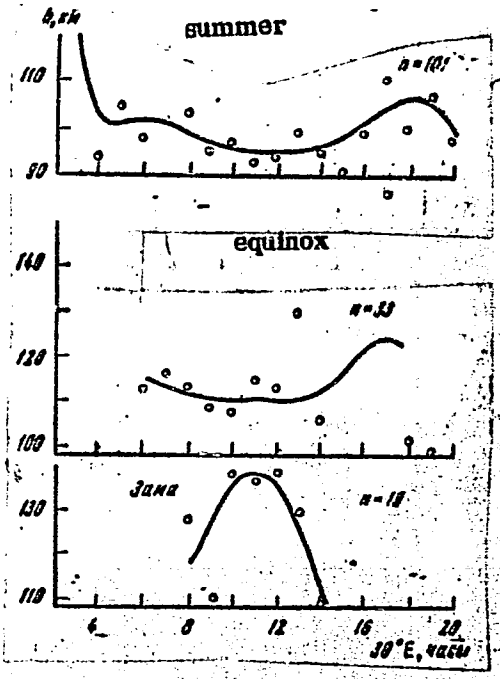


Fig. 1.
Diurnal variation in the median values h_{E_s}.

Card 5/6

L 9978-65
ACCESSION NR: AP4046293

ENCLOSURE: 02

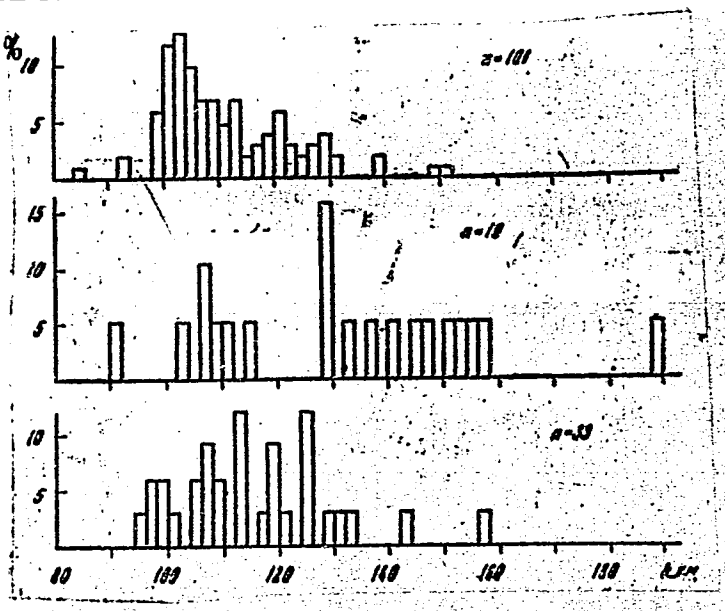


Fig. 2. Histograms showing the distribution of h_{E_s} with height at all hours of the day for summer (top), equinox (middle) and winter (bottom).

Card 6/6

SHEVKO,Ye.I.; SHADURSKIY,I.N., redaktor; LEUTA,V.I., redaktor; RUDENSKIY,Ya.V., tekhnicheskiy redaktor

[Windmills] Vetrodvigateli. Kiev, Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, Ukrainskoe otd-nie, 1955. 114 p. (Windmills) (MLRA 9:2)

SHEVKO, Ye. I.

Ties between schools and agriculture. Fiz. v shkole 15 no.6:92 N-D '55. (MLRA 9:2)

1.Metodist Ukrainskoy stantsii yunykh tekhnikov, g. Kiyev.
(Agricultural education)

SHEVKO, Ye. I. [Shevko, IE.I.], inzh.-mekhanik

New high-capacity machines. Mekh.sil'.hosp. 9 no.11:29-30 N '58.
(MIRA 11:12)

(Agricultural machinery)

SHEVKO, Ye.I. [Shevko, IE.I.], inzh.-mekhanik

Implement for soil cultivation. Mekh.sil'.hosp. 10 no.7:
31-32 Jl '59. (MIRA 12:11)
(Agricultural implements)

SHEVKO, Ye.I. [Shevko, IE.I.], inzh.

Wood instead of metal. Mekh. sil'. hosp. 12 no. 1:29 Ja '61.
(MIRA 14:1)
(Wood)

POROYKOV, I.V., prof.; POPOV, M.F. [deaceased], starshiy nauchnyy sotrudnik, FROLOV, A.V.; SHEVKOLOVICH, O.V.

Method for measuring large doses. Trudy TSentr. nauch.-issl. inst. rentg. i rad. 10:190-196 '59. (MIRA 12:9)
(X RAYS--MEASUREMENT)

KRONGAUZ, A.N.; FROLOVA, A.V.; SHEVKOLOVICH, Yu.V.

Dosimetric characteristics of X-ray tubes with beryllium windows.
Vest.rent. i rad. 31 no.5:74-79 S-O '56. (MLRA 10:1)
(ROENTGENOGRAPHY, apparatus and instruments
roentgen pipe with beryllium windows, dosimetric characteristics)

KRONGAUZ, A.N.; BRODOVSKIY, N.P.; SHEVKOLOVICH, Yu. V.; KIRSANOV, B.A.

Stand for measuring external gamma irradiation in radioactive preparations. Vest. rent. i rad. 33 no.6:64-69 N-D '58. (MIRA 12:1)

1. Iz dozimetricheskogo otdela (zav. - dots. A.N. Krongauz) Gosudarstvennogo instituta rentgenologii i radiologii (dir. - dots. I.G. Legunova) Ministerstva zdravookhraneniya RSFSR.
(RADIOLOGY, appar. & instruments
stand for measurement of external gamma rays of isotope-enclosing containers (Rus))

MARGOLIS, Ye.I.; SHEVKOPLYAS, A.G.

Simultaneous microdetermination of carbon, hydrogen, and nitrogen in nitro compounds. Vest.Mosk.un.Ser. 2: Khim. 15 no.1:73-78 '60. (MIRA 13:7)

1. Kafedra organicheskoy khimii Moskovskogo universiteta.
(Carbon--Analysis)
(Hydrogen--Analysis)
(Nitrogen--Analysis)

SHVKOPLYAS, G.I., Cand Tech Sci --(diss) "Design of machine parts for durability based upon the strength of metals." Stalino, 1959. 14pp; 2 sheets of tables (Min of Higher Education USSR. Odessa Polytech Inst), 150 copies (KL,32-59, 104)

-32-

L 23519-66 EWT(1)/T RO/JK

ACC NR: AP6008727 (A) SOURCE CODE: UR/0356/65/000/011/0016/0016

37

AUTHOR: Shevkoplyas, Ya.

ORG: Novovasil'yevsk Regional Division of "Sel'khoztekhnika", Zaporozhskaya Oblast (Novovasil'yevskoye rayonnoye otdeleniye "Sel'khoztekhniki", Zaporozhskoy oblasti)

TITLE: Filling the PF-1,0 unit with fumigants

SOURCE: Tekhnika v sel'skom khozyaystve, no. 11, 1965, 16

TOPIC TAGS: chemical spray tank, agricultural machinery, pump

ABSTRACT: Considerable labor is involved in loading the PF-1,0 unit with poisons which are delivered to the field in 200 liter barrels. All fumigants have a specific weight of more than one which makes it difficult to use ordinary centrifugal pumps. The author reports on a special unit developed by the Novovasil'yevsk Regional Division of "Sel'khoztekhnika" specially for loading the PF-1,0 machine. The unit, which is mounted on a two-wheel hand truck, consists of a discarded UG-13SB pump which is operated by direct chain drive from a ZID-4.5 gasoline engine. The pump empties a 200 liter barrel of fumigant in a minute and may be used for pumping other liquids.

SUB CODE: 02,13/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000

UDC: 632.982.6

Card 1/1

SHEVKOVA, K.P.

Occupational pyoderma in a milkmaid. Vest. derm. i ven. no.2: 69-70 '64. (MIRA 17:11)

1. Klinika kozhnykh i venericheskikh bolezney (zav. - chlen-korrespondent AMN SSSR prof. V.A. Rakhmanov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

YUGOSLAVIA / Farm Animals. Swine Q-4

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12141

Author : Shevkovich Neman'a
Inst :
Title : Anemia in Young Pigs under Our Conditions (Anemiya u porosyat v nashikh usloviyakh)

Orig Pub: Acta veterin., 6, No 2, 65-89

Abstract: Observations carried out in the vicinity of Belgrade during a period of two years on 387 young pigs of the Mangalitza breed, under different conditions, showed that hemoglobin concentration in newborn pigs was 14,252-18,246 g.% (average 16,158 g.%), and at the end of the 6th month constituted 19,540 g.%; erythrocyte count in the newborn was 5,129-5,935, and at weaning time it was 5.5-6.2 million. The anemia limit in suckling pigs was 8 g.% of Hb. The

Card 1/2

SHEVKUN, A.N.

Concerning the "Norms and specifications for planning outside water pipelines of industrial plants and workers settlements attached to them." Vod. i san. tekh. no.3:31-32 Je '55. (MLRA 8:12)
(Water pipes)

SHEVKUN, A.N.

"Norms and specifications for designing outside sewage systems for industrial plants and settlements near them." Ved.i san. tekh. no.5:26-28 Ag '55. (MLRA 9:2)
(Sewerage)

SHEVKUN, A.N.

Planning small-scale sewage purification plants for purifying household waste under natural conditions. Vod.i san.tekh. no.3:28-31 Mr '56. (MLRA 9:7)
(Sewage--Purification)

SHEVKUN, A.N.

"Norms and technical specifications for planning sewer systems in populated areas." Vod. i san. tekh. no.3:1-5 Mr '57. (MLRA 10:6)
(Sewerage--Contracts and specifications)

SHEVKUN, A.N.

Specifications for laying large-diameter sewage pipes. Vod.i san.tekh. no.6:39 Je '57. (MLRA 10:7)

1. Gosstroy SSSR.

(Sewer pipe)

SHEVKUN, B.T.

Some characteristics of the indices of the strength of sawed limestone. Sbor. trud. Kish. otd. NIISMI no.4:76-84 '64. (MIRA 18:2)

GALANIN, K[illegible], kand. tekhn. nauk; SHEVKUN, B.F., FENOV, Yu.A.; MALASH, R., red.

[Optimal cutting conditions and the geometry of disk cutters of stonecutting machines] Optimal'nye rezhimy rezaniia i geometriia reztsov diskov kamnereznykh mashin. Kishinev, Kartia moldovenieske, 1964. 103 p. (MIRA 18:9)

SHEVKUN, I. A.

Sheep

Work of leaders in sheep raising on the "Kul'turnik" Collective Farm. Sots. zhiv., 14, No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

BELYAYEV, V.P.; KALINICHENKO, V.R.; KUZ'MIN, N.M.; YAKIMENKO, L.N.; ARS[illegible], V.M.; RUBENCHIK, Yu.I.; SHEVKUN, I.G.; SHKLOVER, L.P.; BURAVLEV, Yu.M.; PEREPELKINA, M.A.; USTINOVA, V.I.; NEUYMINA, G.P.; ENGEL'SHT, V.S.; TRAPITSYN, N.F.; BULANOV, Yu.A.

Exchange of experience. Zav.lab. 28 no.6:685-687 '62. (MIRA 15:5)

1. Khimicheskiy zavod imeni Voykova (for Shklover). 2. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov (for Buravlev, Perepelkina, Ustinova, Neuymina). 3. Kirgizskiy gosudarstvennyy universitet (for Engel'sht, Trapitsyn, Bulanov). (Spectrum analysis)

38630

S/076/62/036/006/004/011
B101/B144

18.1141

AUTHORS: Polukarov, Yu. M., Rastorguyev, L. N., and Shevkun, I. G. (Moscow)

TITLE: Study of the magnetic properties and structure of cobalt - tungsten alloys deposited electrolytically

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 6, 1962, 1299-1305

TEXT: The production of high-coercive coatings for magnetic recording by electrodeposition of Co-W alloys was studied. Experiments were made with two solutions. Solution 1 containing 12.5 g/l of cobalt sulfate, 39 g/l of sodium tungstate, 66 g/l of citric acid (pH = 7.1, 70°C), yielded deposits with only low saturation magnetization and low coercive force, in which the B_r/B_m ratio was 0.05 - 0.1. These deposits had crypto-crystalline surfaces showing only indistinct radiographic reflexes. Solution 2, which proved to be ideal, contained: 110 g/l of cobalt sulfate, 25 g/l of sodium tungstate, 200 g/l citric acid (pH = 9.1 - 9.8; addition of NH_4OH). The coercive force of the deposits

Card 1/2

SHEVKUN,P.A., inzhener; KORNEYEV,M.P.

Construction of bridge supports on high pile grillage. Transp. stroi. 5 no.5:8-10 Jl'55. (MLRA 8:12)
(Bridges--Foundations and piers)

SHEVKUN, V. (Kiyev)

New features in the organization of a bakery. Sov. torg. 36 no.4: 45-47 Ap '63. (MIRA 16:5)

(Darnitsa—Bakeries)

VASIL'YEV, L. (g. Tyumen'); CHICHKO (g. Kiyev); STARODUB, D. (g. Kiyev); KALUZHSKIY, G. (g. L'vov); SMIRNOV, V.; EREMENIN, A.; ORLOV, I.; FERUK, V. (Kuybyshev); BYCHININ, I. (Kuybyshev); BASHKO, V.; SHEVKUN, Yu. (Khar'kov); ISTYUFEYEV, V. (Leningrad); GATSAHYUK, P. (Chernigovskaya obl.); SKURKO, L.; BABYUK, M.; GUBANOV, L. (Krasnodar); TISHCHENKO, D. (st. V. Sadovaya); YEFIMOV, M.S. (Leningrad); FEDOROV, V.; SUKHOV, A.; TIMOSHENKO, I. (Omskaya oblast'); KRIVTSUN, B. (Khar'kov); BARANTSEV, N. (Fedosiya).

Exchange of experience. Radio no.1:31,32,35,39,40. Ja '59.. (MIRA 12:3)

(Radio)

SHEVKUNENKO, V.N.

DECEASED 1952

see ILC

Medicine

1. SHEVKUNOV, G. I., Engr.

2. SSSR (600)

4. Mine Haulage

7. Replacing cable haulage.
Mekh. trud. rab. 6 No. 10, 1952

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

SHEVKUNOV, V. I.

Coal Mines and Mining

Replacing surface cable hauling of coal with belt conveyer. Ugol' 27 no. 4 (1952)

9. Monthly List of Russian Accessions, Library of Congress, August 1953, Uncl.

SHEVKUNOV, G.

Utilizing production potentialities to a fuller extent. Mast.ugl. 3 no.5:8 My '54. (MLRA 7:6)

1. Pomoshchnik glavnogo inzhenera shakhty im. OGPU kombinata Voroshilovgradugol'. (Coal mines and mining)

SHEVKUNOV, G.

SHEVKUNOV, G.

Double planning and cumbersome accounting. Mast. ugl. 3 no.6:23 Je '54.

1. Pomoshchnik glavnogo inzhenera shakhty im. Ob"yedinennogo gosudarstvennogo politicheskogo upravleniya.
(Coal mines and mining--Accounting)

SHEVKUNOV, G.

An unnecessary link. Mast.ugl. 3 no.11:31 N'54. (MLRA 8:3)

1. Pomoshchnik glavnogo inzhenera shakhty im.OGPU kombinata Voroshilovgradugol'.
(Coal mines and mining)

SHEVKUNOV, G.I., inzhener.

Remarks on V.G. Shelomentsev's article "Marking of mining machines." Ugol' 29 no.2:45 F '54. (MLRA 7:1)

1. Shakhta im. OGPU tresta Lisichanskugol'.
(Mining machinery) (Shelomentsev, V.G.)

SHEVKUNOV, G.

Improve planning in mines. Mast.ugl.6 no.2:23 F '57.
(MLRA 10:4)

1.Pomoshchnik glavnogo inzhenera shakhty imeni OGPU tresta Lisichanskugol'.

(Coal mines and mining)

SHEVKUNOV, G., inzh.

Improving waste dump cones. Mast. ugl. 6 no.12:11-12 D '57.
(MIRA 11:1)

(Coal mines and mining)

SHEVKUNOV, K.

The enterprise has changed its face. Mias. ind. SSSR 32 no.1: 28 '61. (MIRA 14:7)

1. Sukhumskiy myasokombinat.
(Sukhumi—Meat industry)