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Begin

5/2

SHISHKA, K.

SHISHKA, K.

New method of tibiotalar arthrodesis. Eksper.khir. 5 no. 3:3-8
My-Je '60. (MIRA 14:1)

(BONES---TUBERCULOSIS) (ANKLE---SURGERY)

SHIMKOVITS, I.; SHISHKA, K.; GUPKA, M.; VOL'F, Yu.; SMERCHANSKIY, V.;
SHNORRER, M.

Functional parameters of an apparatus made in Czechoslovakia
for artificial blood circulation. Eksp.khir.i anest. 6
no.3:13-20 '61. (MIRA 14:10)
(PERFUSION PUMP (HEART))

GUBKA, M.; SHISHKA, K.; SHIMKOVITS, I.; SMRECHANSKIY, V.; SHNORER, M.

Protection of the myocardium in cardiac arrest during intracardiac
interventions with artificial circulation. Khirurgia 38 no.5:
17-25 My '62. (MIRA 15:6)

1. Iz otdeleniya eksperimental'noy khirurgii (zav. - akad.
K. Shishka) Instituta eksperimental'noy meditsiny Slovatskoy
akademii nauk.

(HEART, FAILURE) (HEART—MUSCLE)
(BLOOD—CIRCULATION, ARTIFICIAL)

SHISHKA, K.; SHIMKOVITS, I.; GURKA, M.; SMRECHANSKIY, V.; S. NORRER, M.

Experience acquired in surgery by the use of an artificial heart
and lungs. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR
10:13-23 '62. (MIRA 16:2)

(PERFUSION PUMP (HEART))
(CARDIOVASCULAR SYSTEM--SURGERY)

SHIMKOVITS, I.; BOL'F, Yu.; SHISHKA, K.; GUEKA, M.; SMRECHANSKIY, V.;
SHNORRER, M.; ZIMA, P.

Apparatus fo Czech design for artificial blood circulation.
Trudy Inst.eksp.i klin.khir.i gemat. AN Gruz.SSR 10:25-34
'62. (MIRA 16:2)
(CZECHOSLOVAKIA--PERFUSION PUMP (HEART))

SMRECHANSKIY, V.; SHISHKA, K.; SHIMKOVITS, I.; SHNORRER, M.; GUEKA, M.

Some perfusion problems in artificial blood circulation. Trudy
Inst.eksp.i klin.khir.i gemat. AN Gruz.SSR 10:35-42 '62.

(MIRA 16:2)

(PERFUSION PUMP (HEART))

GUBKA, M.; SHISHKA, K.; SHIMKOVITS, I.; SMRECHANSKY, V.; SHNORRER, M.

Protection of the myocardium during the prevalence of asystole
in an intracardiac operation by the use of the apparatus for
artificial blood circulation. Trudy Inst. eksp. i klin. khir. i
gemat. AN Gruz. SSSR 10:57-65 '62. (MIRA 16:2)
(HEART--SURGERY) (BLOOD --CIRCULATION, ARTIFICIAL)

GUBKA, M.; SHISHKA, K.; SHIMKOVITS, I.; SMRECHANSKIY, V.; SHNORRER, M.

Care of the patient following a heart operation with the use
of artificial blood circulation. Trudy Inst. eksp. i klin. khir.
i genet. AN Gruz. SSR 10:67-72 '62. (MIRA 16:2)
(HEART--SURGERY) (BLOOD--CIRCULATION, ARTIFICIAL)
(POSTOPERATIVE CARE)

DOBRIYANIN, A.; SHISHKALOV, A.

Results of inoculations against tularemia in Brest Province.

Zdrav. Belor. 6 no. 10:53-54 0 '60.

(MIRA 13:10)

1. Iz brestskoy oblsanepidstantsii.

(BREST PROVINCE--TULAREMIA--PREVENTIVE INOCULATION)

SHISHKANOV, A.V., inzhener

Lengthening gravity water supply lines used by railroads. Tekh.
zhel.dor. 7 no.1:25-26 Ja '48. (MLRA 8:11)
(Railroads--Water supply)

SHISHKANOV, A.V. (Baku)

More attention to asbestos-cement water pipelines. Vod. 1
san. tekhn. no. 7:26-27 J1 '61. (MIRA 14:7)
(Water pipes) (Pipe, Asbestos-cement)

SHISHKANOV, G.F., inzhener,

Precast foundations for swelling soils. Trudy Khab. IIT no. 7:
212-223 '54. (MLRA 8:1)
(Bridges--Foundations and piers)

SHISHKANOV, G.F., inzhener; MATVEYEV, V.D., aspirant.

On laying foundations on frozen ground. Trudy Khab.IIT no.9:77-86
1956. (MLRA 9:12)

(Foundations) (Frozen ground)

DANILOVSKAYA, L.I., inzhener; MATVEYEV, V.D.; SHISHKANOV, G.F.

Experience with building precast slab houses on shallow foundations.

Trudy Khab.IIT no.9:87-93 '56.

(MLRA 9:12)

(Foundations) (Precast concrete construction)

GONCHAROV, Yu.M.; KIM, V.M.; SNEZHKO, O.V.; SHISHKANOV, G.V.

Classification of methods of construction in areas of widespread
permafrost. Osn., fund.i mekh.grun. 4 no.2:26 '62.
(Frozen ground) (Foundations) (MIRA 15:8)

KIM, M.V.; SHISHKANOV, G.F.

Drafting instructions for the design and construction of pile foundations
in permafrost soils. Stroi. v raion. Vost.Sib. i Krain.Sev. no.3:3-13
'62. (MIRA 17:12)

SHISHKANOV, G., kand. tekhn. nauk.

Experimental construction of large panel buildings on pile
foundations. Zhil. stroi. no.11:17-19 '64 (MIRA 18:2)

DOROKHOV, B.I.; SHISHMANU, G.V.

Effect of supplementary fertilization with zinc and manganese on
the intensity of photosynthesis in apple. Izv. AN M-1d. SSR no. 4:25-
32 1963. (MIRA 18:1)

SHISHKANOV, I.

First steps. Mast.ugl. 9 no.1:7-8 Ja '60. (MIRA 13:8)

1. Sekretar' Petrovskogo rayonnogo komiteta Ukrainy, g. Stalino.
(Donets Basin--Coal mines and mining)
(Communist Party of the Soviet Union--Party work)

OSIPENKO, T., otborshchitsa; RAZBITSKOVA, A., vagonetchitsa;
PASAL'SKAYA, M., vagonetchitsa; KALININA, M., sadchitsa;
MOSHAROVA, S., sadchitsa; SIDOROVA, S., inzh.; po ratsionalizatsii;
SHISHKANOVA, L.

Mechanization , the homemade way. Rabotnitsa 37 no.7:15
Jl '59. (MIRA 13:1)
(Moscow--Brick industry)

SHISHKANOV, L.I.

Accelerating the brick drying process at the Novo-Kotelsk plant. L. I. Shishkanova. Byull. Stroitel. Tekh. 1953, No. 8, 6; *Konstruktsii*, Khim. 1953, No. 7370. — The drying of green brick was accelerated by preheating the body and incorporating in the latter 3–4% boiler clinders and 10–12% sawdust. The preheating of the body was accomplished by using a mixer having a reticulate false bottom through which was passed steam. The brick was dried with waste gases of an annular kiln. M. H.

CHITIKANG, G.V.

Effect of soil conditions on the formation of phytochrome in
the apple tree. Izv. Vses. NII. N. S. S. R. no. 1: 45-49, 1961.

(MIRA 17-10)

SHISHKANU, G.V.

Effect of the pH soil on the functions of leaves in apple trees.
Vop.fiziol.i biokhim.kul't.rast. no.1:80-89 '62. (MIRA 16:1)
(Plants, Effect of hydrogen-ion concentration on)
(Apple)

SHISHKAREV, I.

19991 SHISHKAREV, I. Mis dolzhny rabotat' rentabe l'no. Selkhoz-vo Tadzhikishana, 1949, No. 3, s. 45-49.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

SHISHKAREV, V.A. (Novosibirsk)

Allowing for misalignments in reading track indicator tapes. Put' i put.
khoz. no.2:28 F '57. (MLRA 10:4)

(Railroads--Track)

ACC NR: AR6035428

SOURCE CODE: UR/0137/66/000/009/1076/1076

AUTHOR: Golovin, S. A.; Mokrov, A. P.; Shishkhanov, T. S.; Zapol', Yu. N.

TITLE: Study of physical and mechanical properties of deformed and annealed molybdenum

SOURCE: Ref. zh. Metallurgiya, Abs. 91513

REF SOURCE: Sb. Proiz-vo stali i splavov i vliyaniye obrabotki na ikh svoystva. Tula, 1965, 36-41

TOPIC TAGS: molybdenum, metal deformation, annealing, x ray scattering, metal rolling, crack propagation, metal hardening, metal aging, metal recrystallization

ABSTRACT: The authors studied the change in the microstructure, the mechanical (σ_b , H_p , δ) and physical properties (distortions of the second kind $\Delta a/a$ in the [100] direction, and dimensions of the regions of coherent scattering of x rays) of molybdenum as a function of the annealing temperature (300 - 1100°) at different rolling thicknesses (1.2 and 6 mm). At the instant of deformation by rolling, large microstresses develop, the magnitude of which in strongly deformed regions can exceed the σ_b of the material. The microcracks or microscopic incipient cracks which are produced in this manner can be one of the causes of the stratification of the rolled section. With increasing annealing temperature of the deformed molybdenum, hardening of the metal is observed in the interval 400 - 500° and is attributed to the deformation aging. Above ~600°, up to the recrystallization temperature, intense weakening is observed. With decreasing thickness of the rolled section, the temperature of the recrystallization drops (from

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UDC: 669.28: 620.17

ACC NR: AR6035428

1000 to 850°). In the recrystallized molybdenum, one observes separation of brittle phases which apparently are compounds of the impurities (C, N) with the molybdenum. The presence of such phases can also lead to microscopic incipient cracks during the process of hot rolling of the sheet, owing to the unequal coefficient of thermal expansion of the matrix and of the phase. I. Tulupova [Translation of abstract]

SUB CODE: 11

Card 2/2

DOC NO: A00035416

SOURCE CODE: UR/0137/66/000/009/G023/G023

AUTHOR: Shishkhanov, P. S.; Rabinovich, Ye. M.; Kudinova, K. G.; Sariadi, F. S.;
Kavanskaya, L. N.

TITLE: Reduction of titanium-hydride with increased hydrogen content

SOURCE: Ref. zh. Metallurgiya, Abs. 90167

REF. SOURCE: Sb. Proiz-vo stali i splavov i vliyaniye obrabotki na nikh svoystva.
Tula, 1965, 31-35

TOPIC TAGS: titanium compound, metal hydride, chemical reduction, hydra-
tion

ABSTRACT: Titanium powder reduced by Ca hydride (IMTU 987-63), titanium sponge TG-00 produced by a magnesium-thermal process (MROU-14 no. 19-64), and electrolytic iron produced by the method of dissolved anodes, were all hydrated with H_2 of 99.99% purity containing $\leq 0.003\%$ of O_2 and $\leq 0.2 \text{ g/m}^3$ of moisture. The optimal hydration condition was determined, namely hydration temperature 650° , soaking at this temperature, flow of H_2 of $8 \text{ m}^3/\text{hr}$ until the end of absorption, and cooling in air at a flow of $H_2 \leq 0.5 \text{ m}^3/\text{hr}$. Introduction of these conditions in industry has ensured production of titanium hydride with a stable hydrogen content of $3.8 - 3.98\%$, and has improved the productivity of the plant. A. Shmeleva. [Translation of abstract]

SUB CODE: 11, 07

Card 1/1

UDC: 669.295.4

ACC NR: AR7004682

SOURCE CODE: UR/0277/66/000/010/0019/0019

AUTHOR: Golovin, S. A.; Mokrov, A. P.; Shishkhanov, T. S.; Zapol', Yu. N.

TITLE: Study of the physical and mechanical properties of formed and annealed molybdenum

SOURCE: Ref. zh. Mashinostroitel'nyye materialy, konstruksii i raschet detaley mashin. Gidroprivod. Abs. 10.48.116

REF SOURCE: Sb. Proiz-vo stali i splavov i vliyaniye obrabotki na ikh svoystva. Tula, 1965, 36-41.

TOPIC TAGS: molybdenum, metal physical property, molybdenum micro structure, molybdenum physical property, molybdenum mechanical property

ABSTRACT: Changes in the microstructure, physical and mechanical properties
(see 13.6) of molybdenum as a function of annealing temperature ranging
from 300 to 1100 C were studied for various gages of rolled material (1.2 and
6 mm). There are five illustrations and a bibliography of 3 titles. [DW]

[Translation of abstract]

SUB CODE: 13/

Card 1/1

UDC: 669.28

L 2682-66 EWT(m)/EPF(c)/EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AT5022897

UR/2775/65/000/0043/0135/0139

52
34

AUTHOR: Teplenko, V. G.; Kudinova, K. G.; Shishkhanov, T. S.

44.55

44.55

44.55

TITLE: Production technology of the hydrides of titanium and calcium

27

27

27

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metal-
lurgii. Sbornik trudov, no. 43, 1965. Poroshkovaya metallurgiya (Powder metal-

44.55 lurgy), 135-139

44.55

TOPIC TAGS: hydride, titanium, calcium, powder metallurgy, hydrogen

ABSTRACT: Techniques for the production of CaH_2 and TiH_2 , developed by the Laboratory of Powder Metallurgy, Central Scientific Research Institute of Ferrous Metallurgy, are described. Normally, CaH_2 is produced in the following sequence:

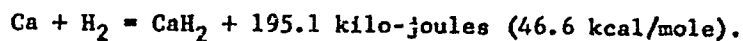
crushing of 45-50 kg blocks of double-distilled calcium metal into small (~150 mm) lumps of arbitrary shape by means of a 50-ton hydraulic press; charging of these lumps (which weigh ~2 kg each) into a stainless steel retort which is then hermetically covered; evacuation of air from the retort, connection of the retort to a water supply line via a rotameter; and placement of the retort in a furnace heated to 600°C. Within 30-40 min afterward the period of rapid

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ACCESSION NR: AT5022897

absorption of hydrogen by calcium sets in, following the reaction:



Since the reaction between Ca and H₂ is known to occur more completely at 300-400°C than at 800°C, the temperature of saturation with H₂ was experimentally reduced to 400-500°C on directly charging the entire calcium-metal block into the retort without first crushing the calcium. To reduce the amount of fused CaH₂, the consumption of H₂ in the subsequent experiments was lowered to 1.5 m³/hr. Ultimately, it was thus found possible to increase the yield of acceptable CaH₂ to 98%, while increasing the burden per retort to two 45-50 kg blocks of Ca metal. This new technique dispenses with the preliminary crushing of Ca blocks. As for TiH₂ it is produced with the same equipment as above. The titanium subjected to saturation with H₂ is taken in the form of either powder or sponge (wastes of the thermal reduction of magnesium). It was experimentally established that the process of the saturation of Ti with H₂ in the furnace can be safely reduced from 6 to 1 hr and, further, that adjusting the saturation temperature to 500°C and the rate of delivery of hydrogen to 4 m³/hr makes it possible greatly to increase

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L 2682-66

ACCESSION NR: AT5022897

furnace productivity and reduce power consumption. Orig. art. has: 3 tables.

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 006

ENCL: 00

OTHER: 001

SUB CODE: MM, IE

Card

KL
3/3

SHISHKIN, A., veterinary vrach.

Prophylaxis and treatment of animals with a calcium hypochlorite solution in infectious and parasitic keratoconjunctivitis. Veterinariia 33 no.11:42-43 N '56. (MLRA 9:11)

1. Veterinarnyy otdel ispolkoma Moskovskogo gorsoveta.
(Eye--Diseases and defects) (Calcium hypochlorite)
(Veterinary medicine)

SHISHKIN, A.

Rally of students and personnel of the vocational and technical schools of Estonia. Prof.-tekh.obr. 19 no.1:7 Ja '62. (MIRA 15:1)

1. Nachal'nik Glavnogo upravleniya proftekhnobrazovaniya Soveta Ministrov Estonskoy SSR.

(Estonia--Vocational education--Congresses)

SHISHKIN, A., doktor tekhn.nauk .

Causes of breakdowns of series 1-4478 apartment houses. Na stroi.
Ros. 3 no.12:31-32 D '62. (MIRA 16:2)
(Apartment houses)

SHISHKIN, A., doktor tekhn.nauk; ARIYEVICH, E., kand.tekhn.nauk; TOLSTYKH,
L., kand.tekhn.nauk; SHIKUNOV, I., inzh.

Extending the life of steel braces in the walls
of large-panel buildings. Zhil. stroi. no.1:6-8 '62. (MIRA 16:1)
(Building—Details) (Corrosion and anticorrosives)

SHISHKIN, A.A., kand. tekhn. nauk.

Rapid boring with large feeding of locomotive wheel rims. Vest.
TSNII MPS 16 no.7:51-54 0 '57. (MLRA 10:11)
(Car wheels)

25(7)

PHASE I BOOK EXPLOITATION SOV/1215

Zobnin, Nikolay Pavlovich; Shishkin, Aleksey Alekseyevich; and Yudin, Daniil L'vovich

Oborabotka metallov rezaniyem (Metal Cutting) Moscow, Transzheldorizdat, 1958. 256 p. 6,000 copies printed.

Ed. (Title page): Zobnin, N.P., Doctor of Technical Sciences, Professor; Eds. (Inside book): Danilevskiy, V.V., Candidate of Technical Sciences, Docent, and Braylovskiy, N.G., Engineer; Tech. Ed.: Bobrova, Ye. N.

PURPOSE: This book is approved by the Ministry of Higher Education, USSR, as a handbook for railroad transport vuzes. It may also be useful to engineers and technicians in plants and in railroad repair shops for rolling stock, wheels and track.

COVERAGE: The book presents the theoretical fundamentals of metal cutting. The construction and operation of metal-cutting machinery

Card 1/10

Metal Cutting

SOV/1215

and instruments are described. The fundamentals of methods used in development of techniques of mechanical metal processing are discussed. The name of A.V. Gadolin is mentioned as having contributed to this field. There are 80 references, of which 74 are Soviet, 5 English and 1 German.

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SHISHKIN, A.A.

3-3-15/40

AUTHOR: Shishkin, A.A., Candidate of Technical Sciences

TITLE: Toward a more Active Solution of the Problems Set up by
 "Letter N - 100" (Aktivneye reshat' zadachi, postavlennyye
 "Pis'mom N - 100") Continuously Control Independent Work
 (Postoyanno kontrolirovat' samostoyatel'nyye zanyatiya)

PERIODICAL: Vestnik Vysshey Shkoly, March 1957, # 3, p 63-66 (USSR)

ABSTRACT: The article begins with the statement that a proper organization of student independent work is one of the most complicated questions that professors and instructors of VUZ institutions face. Such organization is difficult as there are no rules, and cannot be any, which can be applied to existing conditions. The author, an instructor at Penza Industrial Institute explains the pedagogic measures adopted by him to induce the students to work from the very beginning of the semester. Thus, for instance, preliminary colloquies have been introduced to increase student independence in carrying out laboratory work for which the Moscow Institute of Energetics (Moskovskiy energeticheskiy institut) has set the example. The methods used meet with the students' approval.

Card 1/2

SOV/112-57-6-12660

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 6, p 149 (USSR)

AUTHOR: Shishkin, A. A.

TITLE: Phase-Balance Bridge With a Resistive Output
(Fazobalansnyy most s aktivnym soprotivleniyem na vykhode)

PERIODICAL: Tr. Penzensk. industr. in-ta, 1955, Nr 3, pp 61-69

ABSTRACT: A phase-balance bridge circuit is analyzed which serves to obtain a DC voltage proportional to the error angle of 2 input sinusoidal voltages of the same frequency. A formula is developed which gives the relationship between the DC output voltage U_0 (see figure) and the input signal values e_1 and e_2 and the circuit parameters. Diode characteristics are assumed to be perfect (a constant forward resistance R_5 and an infinite backward resistance). With constants e_{1max} , e_{2max} and circuit parameters, the mean value of U_0 is directly proportional to the sine of the phase shift angle. An experimental study of the circuit with $R_1 = 30,900$ ohm, $R_3 = 14,700$ ohm, $R_H = 82,500$ ohm, $e_{1max} = 58$ v, $\frac{e_{2max}}{e_{1max}} = 0.39$, and with a 6X6 double diode revealed an agreement between the experimental and the estimated data within 3% or less for the error angles within $\pm 20^\circ$.

V.A.B.

Card 1/1

SHISHKIN, A.A., kand.tekhn.nauk, dotsent

Surface quality of the parts of the cylinder group of diesel
locomotive engines. [Sbor.trud.] RIIZHT no.31:298 '61.
(MIRA 16:12)

AUTHOR: Shishkin, A. A.

SOV/20-123-2-10-50

TITLE: Eigenvalues and Eigenfunctions of Certain Fourth Order Differential Operators With a Small Parameter for the Highest Derivative
(Sobstvennyye znacheniya i sobstvennyye funktsii nekotorykh differentsial'nykh operatorov chetvertogo poryadka s malym parametrom pri starshey proizvodnoy)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 2, pp 249-251 (USSR)

ABSTRACT: On $[0, 1]$ let be given the linear selfadjoint operators

$$L_{\eta} \equiv -\eta^2 \frac{d^2}{dx^2} (p_2(x) \frac{d^2}{dx^2}) + L_0 \quad \text{and} \quad L_0 \equiv -\frac{d}{dx} (p_1(x) \frac{d}{dx})$$

where $p_1(x) > 0$ and i times continuously differentiable on $0 \leq x \leq 1$ ($i=1, 2$). The author considers the boundary value problems

$$(1) \quad L_{\eta}(u) = \lambda u, \quad u(0) = u(1) = 0, \quad u^{(\sigma)}(0) = u^{(\sigma)}(1) = 0, \quad \sigma = 1, 2$$

$$(2) \quad L_0(y) = \lambda y, \quad y(0) = y(1) = 0.$$

With the aid of a method of Glasko [Ref 1] the author obtains representations of the positive eigenvalues and eigenfunctions of (1) by the eigenvalues and eigenfunctions of (2). Besides it is shown that (1) has the eigenvalue zero for special values of

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Eigenvalues and Eigenfunctions of Certain Fourth Order SOV/20-123-2-10/58
Differential Operators With a Small Parameter for the
Highest Derivative

the parameter η .

There are 3 references, 2 of which are Soviet, and 1 American.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova
(Moscow State University imeni M.V. Lomonosov)

PRESENTED: June 17, 1958, by I.G. Petrovskiy, Academician

SUBMITTED: May 11, 1958

Card 2/2

KUZNETSOV, N.N. (Moskva); SHISHKIN, A.A. (Moskva)

A multidimensional problem in the theory of quasi-linear equations.

Zhur. vych. mat. i mat. fiz. 4 no.4(suppl.):192-206 1967.

(MIRA 18:2)

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
20 Properties of winter-built rubble construction made with additions of calcium chloride. A. A. Shishkin. <i>Strudel</i>. Prom. 24, No. 11/12, 30-1(1946).—Tests were made on bonding rubble with a cement to which CaCl_2 was added to det. the effect of CaCl_2 in reducing the influence of frost. The specimens, rubble bonded with a cement contg. 5% of CaCl_2, were exposed to temps. of -2 to -22° and then to -12°. The specimens were finally tested. The addn. of CaCl_2 (5%) to a 1:1 or 1:4 (cement:sand) cement permits use of the cement at temps. down to -10° without impairing the strength of the masonry. M. Hosh																																																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																																																			
REGIONAL BOWLING																																																			

SHISHKIN, A.A., kandidat tekhnicheskikh nauk.

On increasing the allowable load on thawing brickwork made with cement mortars. Stroi.prom.25 no.10:6-10 O '47. (MLRA 9:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut promyshlennykh sooruzheniy.

(Masonry--Cold weather conditions)

PA 26/49T39

USSR/Engineering
Construction Materials
Masonry

Sep 48

"Ways for Further Improvement of Winter
Masonry Technique," A. A. Shishkin, Cand
Tech Sci, Gen Sci Res Inst of Constr, Ltd,
4 pp

"Stroitel' Prom" No 9

Describes various methods suggested for
thawing stones and masonry in construction
operations under way during winter. Pre-
sents methods which gave best performance

26/49T39

USSR/Engineering (Contd)

Sep 48

with different types of building materials.

SHISHKIN, A. A.

26/49T39

SHISHKIN, A.A.

29629

Armirovannaya Putovayc kladm I Voemoshnost'yeye Ispol'eovaniyc v einnyem Stroityel'
stvye. Stroit. Prom-st: 1949, No.9, S.6-9

SO: Letopis' No.40

SHISHKIN, A.A., kand.tekhn.nauk

Standards for designing masonry construction elements in 1949.

Stroi.prom. 27 no.8:18-21 Ag '49. (MIRA 13:2)

(Building--Constructs and specifications)

C.A.

20

Winter masonry with solutions containing antifreeze additives. A. A. Shishkin. *Stroitel. Prom.* 28, No. 9, 36 (1950). The freezing points of "masonry solns." (for mortar) are depressed by the addn. of NaCl and/or CaCl₂. The stability of the mortar is not affected by the admixture. Paul W. Howerton

SHISHKIN, A. A., Engineer

"Investigation of the Diagram of a Phase-Balanced Bridge." Sub 8 Jun 51, Moscow
Order of Lenin Power Engineering Institute V. K. Molotov

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

David T. ...

SHISHKIN, A. A., LAUREAT STALINSKOY PREMII KAND. TEKHN. NAUK

TSENTRAL'NYY NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT PROMYSHLENNYKH SOORUZHNIY (TSNIPS)

IZUCHENIYE Kladki na khlorigovannykh rastvorakh. PAGE 38

SB: SBORNIK ANNOTATSIY NAUCHNO-ISSLEDOVATEL'SKIKH RABOT PO STROITEL'STVU, MOSCOW, 1951

SHISHKIN, A.A., kandidat tekhnicheskikh nauk, laureat Stalinskoy premii.

Wintertime construction of multi-storied brick buildings. Gor.
khoz.Mosk. 25 no.12:20-25 D '51. (MLBA 7:11)
(Bricklaying--Cold weather conditions)

SHISHKIN, A. A.

"Consideration for the conditions in the winter stone construction projects," Construction Industry, 1952.

SHISHKIN., A. A.

Mortar

Proper use of new solutions for stone laying and facing work in winter. Stroi. prom.
30, no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 195~~8~~₂, Uncl.

SHISHKIN, A.A., kandidat tekhnicheskikh nauk, laureat Stalinskoy premii.

Using mortars with chemical admixturea for masonry work in winter.
Sbor.mat.o nov.tekh.v stroi. 15 no.10:24-25 '53. (MLBA 6:12)
(Masonry) (Mortar)

SKRAMTAYEV, B.G., professor; SHISHKIN, A.A., kandidat tekhnicheskikh nauk;
ORLYANKIN, N.M., inzhener; BUDILOV, A.A., inzhener.

Use of coarsely porous concrete for building walls under winter conditions.
Stroi.prom. vol. 31 no.9:20-21 S '53. (MLRA 6:9)
(Concrete construction--Cold weather conditions)

SHISHKIN, A.A., laureat Stalinskoy premii, kandidat tekhnicheskikh nauk.

Introducing modern technique into the practice of stone construction during
winter. Stroi.prom. 31 no.10:4-8 0 '53. (MLRA 6:11)
(Masonry--Cold weather conditions)

SHISH IN, A. A.

243

Primeneniye Khimicheskikh Dobavok Pri Zimnikh Kamennykh, Betonnykh i
Shtukaturnykh Rabotakh, Pod Red. P. N. Grigor'yeva. M., Gos. izd. Lit.
Po Stroitel'stuy i Arkhitekture, 1954. 80 Sill. 20 SM. (M-vo Stroitel'stva
Predpriyatiy Metallurgich. i Khim. Prom-sti SSSR. Tekhn. Upr. Tsent.
Nauch.-Issled. In-t Prom. Sogoruzheniy TSNIIPS. Nauch. Soobshcheniya. Vyp.
16). 4.000 ekz. 2r 95K-(54-14490ZH)

691.5 t 693":24"

SO: Knizhnaya, Metopis, Vol. 1, 1955

SHISHKIN, A.A.,

SHISHKIN, A.A., kandidat tekhnicheskikh nauk, laureat Stalinskoy premii.

Characteristics of combined use of brick walls and ceramic facing.
Stroi.prom. 32 no.8:20-25 Ag '54. (MLRA 7:8)
(Walls)

SHISHKIN, A. A.

U S S R .

Destruction of mortars with a high concentration of chlorides under winter conditions. A. A. Shishkin. *Straitel. Prom.* 32, No. 8, 18-21 (1954).— With outside temps. falling to -24° to -40° , concrete made with 18% CaCl_2 and 5% NaCl disintegrated because of pptn. of ice crystals from the CaCl_2 soln. Other examples are described. J. D. Cat

SHISHKIN, A.A.

TOKMAKOVA, I.A., kandidat tekhnicheskikh nauk; SHISHKIN, A.A., kandidat tekhnicheskikh nauk; BOGATYREV, I.I., kandidat tekhnicheskikh nauk.

Wintertime laying of cement mortars with added potash. Stroi.prom.
32 no.10:17-21 0 '54. (MIRA 7:11)
(Mortar) (Potash)

Name: SHISHKIN, Aleksandr Aleksandrovich
Dissertation: Studies of the Physical and Mechanical
Properties of Winter Brick-Laying
Degree: Doc Tech Sci
Affiliation: [Not indicated]
Defense Date, Place: 20 Jun 56, Council of Central Sci Res
Inst of Industrial Constructions
Certification Date: 29 Sep 56
Source: BMVO 6/57

SHISHKIN, A.A., laureat Stalinskoy premii, kandidat tekhnicheskikh nauk.

Effect of the first freezing of brick mortar on its physical and
mechanical properties. Stroi. prom. 34 no.9:23-27 S '56.
(MLRA 9:10)

(Bricklaying--Cold weather conditions) (Mortar)

SHISHKIN, A.A., doktor tekhnicheskikh nauk.

Experience gained from accidents with base stone pillars. Stroi.
prom.34 no.12:12-1, D '56. (MLRA 10:2)
(Columns, Brick) (Reinforced concrete construction)

SHISHKIN, A.A., doktor tekhn.nauk.

Improving the quality of winter masonry work. Stroi.prom. 35
no.9:2-4 S '57. (MIRA 10:10)
(Masonry--Cold weather conditions)

SHISHKIN, A., doktor tekhn.nauk

Constructing buildings with masonry walls under winter conditions
in Moscow. Na stroi. Mosk. 1 no.10:1-5 0 '58. (MIRA 11:12)
(Moscow--Building--Cold weather conditions)

SHISHKIN, A.A.

Careful labor organization leads to success in work. Transp. stroi.
8 no.11:7 N '58. (MIRA 12:1)
(Building)

SHISHKIN, A.A., doktor tekhn.nauk; KLIMOVA, G.D., red.izd-va; EL'KINA,
E.M., tekhn.red.

[Temporary instructions for building residential and public
buildings under winter conditions using gas and petroleum gas
heating] Vremennye ukazaniia po stroitel'stvu zhilykh i ob-
shchestvennykh zdani v zimnikh usloviakh s ispol'zovaniem gazo-
vogo i neftegazovogo progrevva. Moskva, Gos.izd-vo lit-ry po stroit.,
arkhit. i stroit.materialam, 1959. 35 p. (MIRA 13:3)

1. Akademiya stroitel'stva i arkhitektury. Institut stroitel'nykh
konstruktsii. 2. Tsentral'nyy nauchno-issledovatel'skiy institut
stroitel'nykh konstruktsiy Akademii stroitel'stva i arkhitektury
SSSR (for Shishkin).

(Building--Cold weather conditions)

SHISHKIN, A., doktor tekhn.nauk

Correct method for determining the strength of thawing masonry
structures built under winter conditions. Na stroi.Mosk. 2
no.3:18-19 Mr '59. (MIRA 12:5)

(Bricklaying--Cold weather conditions)

SHISHKIN, A., doktor tekhn.nauk

Concerning the article "Freezing characteristics of mortars used in sealing of seams." Na stroi. Mosk. 2 no.11:22
N '59. (MIRA 13:3)
(Mortar--Cold weather conditions)

SHISHKIN, A., doktor tekhn. nauk

Concreting joints in exterior walls of large-panel buildings.
Na stroi. Mosk. 2 no.12:17-7.0 D '59 (MIRA 13:3)
(Concrete blocks)

SHISHKIN, A., doktor tekhnicheskikh nauk.

Gas heaters for heating and drying buildings. Zhil.stroi. no.11:
9-12 '59. (MIRA 13:4)

(Apartment houses) (Drying apparatus)

SHISHKIN, A.A., kanl.tekhn.nauk laureat Stalinskoy premii

Reinforced rubble masonry and possibilities for its use
in winter construction. Stroi.prom. 27 no.9:6-9 S '59.
(MIRA 13:2)

1. TSentral'nyy nauchno-issledovatel'skiy institut promy-
shlennykh sooruzheniy.
(Masonry---Cold weather conditions)

SHISHKIN, A., doktor tekhn.nauk

Assembling buildings in cold weather conditions. Na stroi. Ros.
no.3:29-30, 33-34 D '60. (MIRA 14:6)
(Building—Cold weather conditions)

SHISHKIN, A. A , doktor tekhn.nauk

Effect of thawing on the strength and stability of walls of
industrial buildings laid in winter. Prom. stroi. 38 no.9:43-46
'60. (MIRA 13:9)
(Walls) (Building, Brick--Cold weather conditions)

SHISHKIN, A., doktor tekhnicheskikh nauk; RAZYKOV, R., inzh.

Vertical joints in exterior walls of panel buildings. Zhil. stroi.
no.2:6-9 F '61. (MIRA 14:1)
(Walls) (Concrete slabs)

SHISHKIN, A.A., prof., doktor tekhn.nauk; MATKOV, N.G., kand.tekhn.nauk

International symposium on grouting of prestressed concrete
elements. Bet.1 zhel.-bet. 8 no.9:427-433 S '62. (MIRA 15:12)
(Prestressed concrete--Congresses)

ZOBNIN, Nikolay Pavlovich, prof., doktor tekhn.nauk; YUDIN, Daniil L'vovich, dots., kand.tekhn.nauk; SHISHKIN, Aleksey Alekseyevich, dots.,kand.tekhn.nauk; ROGOV, Aleksandr Yakovlevich, dots., kand.tekhn.nauk; REKUDANOV,P.N., kand.tekhn.nauk,retsenzent; SARANTSEV,Yu.S., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Metal cutting] Obrabotka metallov rezaniem. Izd.2. Moskva, Transzheldorizdat, 1962. 299 p. (MIRA 15:6)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta (for Zobnin, Yudin, Rogov). 2. Rostovskiy institut inzhenerov zheleznodorozhnogo transporta (for Shishkin).
(Metal cutting)

SHISHKIN, A.A., doktor tekhn.nauk, prof.; BRAVINSKIY, E.A., mladshiy nauchnyy
sotrudnik

Sealing joints of panel-type buildings in wintertime with concrete and
an addition of sodium nitrite. Bet.i zhel.--bet. 9 no.12:537-540 D '63.
(MIRA 17:2)

SHISHKIN, A.A., doktor tekhn. nauk, prof.

Considering and studying the technical causes of failure and damage of construction elements. Anal. prich. avar. i povr. stroi. kon. no.2:6-22 '64.

Causes of failure in standard brick buildings with longitudinal bearing walls and measures to eliminate them. Ibid.:23-55 (MIRA 18:5)

SHISLEIN, A.A., doctor techn. nauk, prof. SPASHINA, G.D., kand. tekhn.

Study of the causes of early crack formation in exterior brick walls
with local bulges. Anal. prikl. aviar. i govr. stroi. kon. no. 3:56-77
(MIRA 18:5)

SMISHKIN, A.I., doktor tekhn. nauk; BRUSHNIN, N.A., inzh.

Causes of early crack formation during the "dry" placement of
floors on wall panels. Anal. prich. avar. i povr. stroi. kon.
no.2:102-120 '64. (MIRA 12:5)

DERGACHENY, Yury Leonidovich, inch.; BLAGOVESHCHENY, Yury Leonidovich, inch.;
 LEVITSKY, Yury, inch.; PAVLOV, Yury, inch.; KOSTOMAROV, Yury, inch.;
 inch.; PAVLOV, Yury, inch.; SHCHERBA, A.A., inch.;
 doktor tekhn. nauk, rets. ment; DROZDOV, A.G., inch.;
 rets. ment; LUKASHCHEV, S.I., inch.; rets. ment; SHCHERBA, A.I., inch.;
 rets. ment; KIRILLOV, Yury, inch.;
 rets. ment; KIRILLOV, Yury, inch.;
 LUKASHCHEV, S.I., inch.; rets. ment.

[Large-scale policy (refugees) is being conducted in the
 Moscow (Russia) area. The following are mentioned in the report.
 [By] IULYANOV, Yury Leonidovich, Moscow, SU, 1985, 1986.
 10 p.

SHISHAIN, A.A., doktor tekhn. nauk; SMIRNOV, V.P., kand. tekhn. nauk
BRAVINSKIY, E.A., kand. tekhn. nauk

Winter sealing of precast structures without heating. Prot. stroi.
43 no.10:7-10 '65. (MIRA 18:11)

31735

S/081/61/000/021/062/094
B138/B101

11.71✓0

AUTHORS: Grinberg, D. M., Leontovich, L. V., Ruchkin, V. M.,
Shishkin, A. F.

TITLE: Apparatus for measuring the moisture content of ammonium
nitrate explosives

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1961, 391, abstract
214446 (Bezopasnost' truda v prom-sti, no. 4, 1961,
23 - 24)

TEXT: The article describes a portable electrical instrument ПЭВ (PEV) designed for the rapid measurement of the moisture content of ammonium nitrate explosives and of ammonium nitrate. The instrument measures the electrical resistivity of samples of the substance. This value is a function of humidity. To calibrate the PEV, the resistivity of several samples is measured, and at the same time their moisture content is determined by the oven-drying method. The PEV consists of an electric circuit for measuring resistance, and a transmitting unit which is a

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S/081/61/000/021/062/094
B138/B101

Apparatus for measuring the moisture...

cylindrical plastic container with an inside diameter of 65 mm and depth of 27 mm. It has two aluminium electrodes in the shape of rectangular plates 27 mm in length and 10 mm wide. The test substance, in powder form, is placed in the transmitting unit, resistivity is measured, and the moisture content is found from the calibrating curve. With the appropriate calibration, the instrument can be used to measure the moisture content of various different substances which have high electrical conductivity, e.g. mineral salts and fertilisers. [Abstracter's note: Complete translation.]

Card 2/2

X

KLYUYEV, G.M., kand.tekhn.nauk; YUNITSKAYA, Ye.I., starshiy inzh.;
RYAKOVA, E.Ya.; Prinimali uchastiye: PETROV, A.M.; SHISHKIN, A.F.;
KNAUS, O.M.; RUSAKOVA, R.A.; STEPANOVA, L.G.; KALINKIN, V.F.;
GOPKALOVA, N.K.; SACHKOV, V.F.; FROLOV, M.F.; LUKASHOVA, T.T.;
SAVKIN, P.S.

Grain-size distribution in the material produced by crushing rock.
Sbor. trud. NIIZhelezobetona no.3:69-90 '60. (MIRA 15:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut zhelezobeton-
nykh izdelii, stroitel'nykh i nerudnykh materialov (for Petrov,
Shishkin, Knaus, Rusakova, Stepanova, Kalinkin, Gopkalova, Sachkov,
Frolov, Lukashova, Savkin).

(Stone, Crushed)