

LOGGINOV, G. I.

USSR/Engineering - Construction Materials, Oct 51  
Cement

245 "New Physicochemical Methods in Technology of Building Materials," Acad P. A. Rebinder, G. I. Logginov

"Vest Ak Nauk SSSR" No 10, p 47

Discusses effect of surface-active substances on structures and basic properties of cement clinker. Analyzes mechanism of adsorption. classifies adsorptive admixts and reviews publications on the subject, outlining possibilities for controlling technological processes and properties of binding materials in mortars and concretes.

222T27

LOGGINOV, G. I.

USSR/Chemistry - Structural Materials

Card 1/1 : Pub. 124 - 7/35

Authors : Logginov, G. I., Cand of Phys-Math. Sc.

Title : Hydration hardening of unslaked lime

Periodical : Vest. AN SSSR 7, 43-50, July 1954

Abstract : The possibility of direct utilization in construction of ground unslaked-lime by the application of the hydration-hardening method is discussed. It was established that, when mixed with water, the unslaked lime passes through the very same stages and very same sequence as gypsum or cement. The economical advantages derived by the application of hydration hardening of unslaked lime are listed. Tables; graphs.

Institution : .....

Submitted : .....

LOGGINOV, G.I., kandidat fiziko-matematicheskikh nauk.

Hydration hardening of quicklime. Vest. AN SSSR 24 no.27:  
43-50 J1 '54. (MIRA 7:8)  
(Lime)

LOGGINOV, G. I.

USSR/Chemistry - Chemical technology

Card 1/1 : Pub. 22 - 21/41

Authors : Logginov, G. I.; Lyubimova, T. Yu.; and Shishkovskaya, M. A.

Title : Use of radioactive isotopes for study of changes in the structure of cement stone during its periodic freezing

Periodical : Dok. AN SSSR 98/2, 247-250, Sep 11, 1954

Abstract : The use of the radioactive isotope method for the study of the causes, mechanisms and kinetics of changes in the structure of cement stone in concrete under the effect of periodic freezing and thawing is described. It is hoped that this new method will make it possible to approach a solution for one of the basic problems, namely, the manufacture of long-lasting concrete with high-freezing resistance. Tables; graphs.

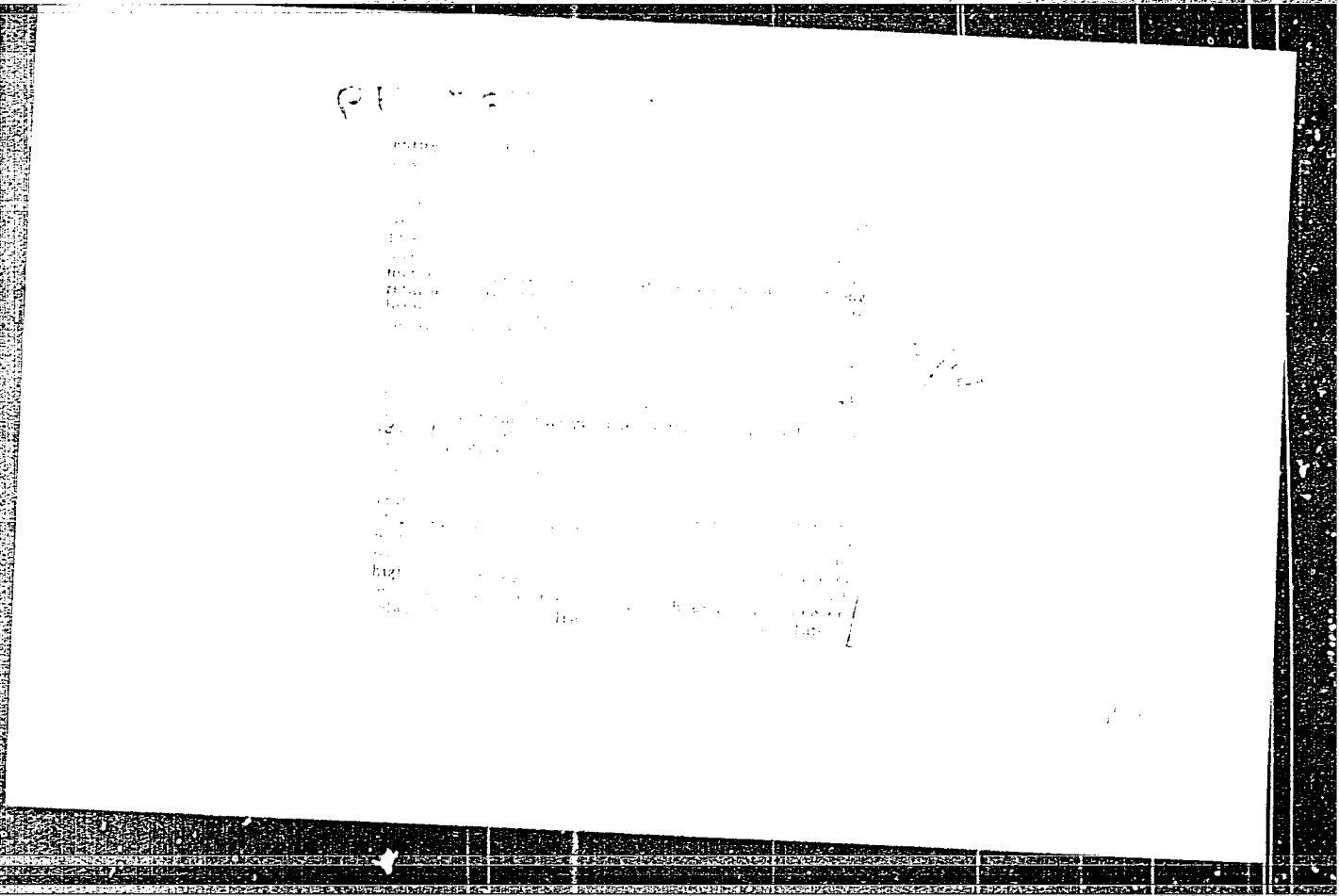
Institution : Acade. of Sc. USSR, Institute of Physical Chemistry and the All-Union Road Construction Scientific-Research Institute

Presented by : Academician P. A. Rebinder, June 4, 1954

U S S R .

The following is a summary of the  
 information received from the  
 source. The source is a high  
 ranking official of the  
 Ministry of Defense. The  
 information is classified as  
 secret. The source has provided  
 information regarding the  
 development of a new  
 missile system. The system  
 is designed to be capable of  
 striking targets at a range  
 of 10,000 kilometers. The  
 system is currently in the  
 development phase and is  
 expected to be ready for  
 service in the next few  
 years. The source has also  
 provided information regarding  
 the production of the  
 system. The production of  
 the system is currently  
 being carried out in a  
 secret facility. The source  
 has also provided information  
 regarding the testing of the  
 system. The testing of the  
 system is currently being  
 carried out in a secret  
 facility. The source has  
 also provided information  
 regarding the deployment of  
 the system. The system is  
 currently being deployed to  
 various locations in the  
 USSR. The source has also  
 provided information regarding  
 the maintenance of the  
 system. The maintenance of  
 the system is currently  
 being carried out in a  
 secret facility. The source  
 has also provided information  
 regarding the training of  
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 secret facility. The source  
 has also provided information  
 regarding the security of the  
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 maintained in a secret  
 facility. The source has  
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 discussed. The source has  
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 assessed. The source has  
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 facility. The source has  
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 regarding the cost of other  
 missile systems. The cost of  
 other missile systems is  
 currently being estimated.  
 The source has also provided  
 information regarding the  
 future of other missile  
 systems. The future of other  
 missile systems is currently  
 being discussed. The source  
 has also provided information  
 regarding the impact of other  
 missile systems. The impact  
 of other missile systems is  
 currently being assessed.

U S S R



LOGGINOV, G. I.

LOGGINOV, G. I.-"Investigation of the Physico-chemical Effect of the Exterior Medium on the Deformation Properties of Non-metallic Solids and Structural Materials." Acad Sci USSR, Inst of Physical Chemistry, Moscow, 1955 (Dissertations For the Degree of Doctor of Chemical Sciences)

SO:Knizhnaya Letopis' No. 26, June 1955, Moscow

Name: LOGGINOV, Gleb Iosifovich

Dissertation: Investigation of the physico-chemical  
influence of the external environment  
upon deformation properties of non-  
metallic solid bodies and building  
materials

Degree: Doc Chem Sci

Affiliation: [not indicated]

Defense Date, Plsce: 7 Jul 55, Council of the Inst of  
Physical Chemistry, Acad Sci USSR

Certification Date: 7 Jul 56

Source: BMVO 5/57



LOGGIN V, G.I.

19  
15  
6  
Radioactive isotopes for studying cements. Yu. M. Butk.  
I. Loggin, G. I. Khusinova, and M. G. Golok.  
Izvest. Akad. Nauk SSSR, No. 6, 19-21 (1956).—The decline of  
radioactivity of a  $\text{Na}_2\text{WO}_4$  salt, to which sand of known par-  
ticle size was adsorbed, was measured. The surface of sand  
covered by humic W adsorbed  $\text{Na}_2\text{WO}_4$  was calculated. The  
adsorption curves were obtained for the isotopes  
radioactive  $\text{Na}_2\text{WO}_4$  and  $\text{Ca}_2\text{O}_4$ .

10/16/60

~~LOGGINOV, G.I., KHUSAINOVA, O.M.~~

Radioactive isotope technique for determining specific surface area  
of building materials. Trudy Inst. fiz. khim. no.6:140-145 '57.

(MIRA 11:10)

(Building materials--Testing) (Porosity--Measurement)  
(Radioactive tracers)

LOGGINOV, G.I., kand. fiz.-mat. nauk; KHUSAINOVA, O.M., kand. tekhn. nauk.

Using radioisotopes for determining the specific surface of powders.  
Trudy NIISement no.10:48-55 '57. (MIRA 10:12)

(Cement--Testing)

(Radioisotopes--Industrial applications)

20-3-24/59

AUTHORS Abrosenkova, V.F., Logginov, G.I., Rebindor, P.A., 20-3-24/59  
Member of the Academy

TITLE Binding of Lime Into Calcium Hydrosilicate Under Normal Conditions.  
(Svyazyvaniye izvesti v gidrosilikat kal'tsiya pri normal'nykh  
usloviyakh - Russian)

PERIODICAL Doklady Akademii Nauk SSSR, 1957, Vol 115, Nr 3, pp 509-511 (U.S.S.R.)

ABSTRACT It is usually said that the formation of calcium hydrosilicate  
on the occasion of the interaction between limestone with silica  
in the water medium by hardening of the binding calcareous-sili-  
cious building materials can only take place by hydrothermal  
treatment in autoclaves at temperatures of an order of magnitude  
of 170°. At normal temperatures this process is assumed not to ta-  
ke place i.e. it is not expressed in a noticeable increase of  
strength of the formed production. Some building productions, as  
e.g. wall blocks, which are used more and more in low buildings,  
do not need the strength obtainable in autoclaves. On the other  
hand, the papers of the authors confirm the assumption that, be-  
sides a hydration hardening of the calcareous-arenaceous binding  
substance, the binding of the calcium hydroxide gradually develops  
in the surface strata of the sand grains. The better this surface  
was developed and the more it was activated in the common break-  
ing process, the greater is the quantity of limestone bound into  
calcium hydrosilicate. By means of the radioactive isotope Ca45  
(as Ca45(OH)2) it was determined that the bound quantity of cal-

Card 1/2

**Binding of Lime Into Calcium Hydrosilicate Under 20-3-24/59  
Normal Conditions.**

cium is proportional on coarse-dispersed sands of the specific surface of the sand. In the first stage the chalk binding has a character of the irreversible adsorption changing into a chemical surface reaction. In the present paper the kinetics of the constant calcium binding by the sand with better developed surfaces (up to 2,9 m<sup>2</sup>/g) from a saturated solution was studied by the same method. In the case of the introduction of fine-pulverized sand which was activated by simultaneous grinding with limestone the strength of the productions (with a reground sand filler) was increased more and more in the course of time. The strengthening is, under natural conditions, caused by two simultaneous processes: chalk binding: 1) into calcium hydrosilicate by silica and 2) by CO<sub>2</sub> into calcium carbonate. Both processes take place very slowly and are based upon a diffusion process. There are enough reasons for the assumption that the chalk carbonization takes place much more slowly than its silicization. This is especially confirmed by the radiostructural analysis. The line of the calcium monohydrosilicate appears after two years whereas the lines of the calcium carbonate are still lack. There are 2 figures, 2 tables, 5 Slavic references. Institute for Physical Chemistry of the Academy of Sciences of the (Institut fizicheskoy khimii Akademii nauk SSSR) USSR Library of Congress.

ASSOCIATION

AVAILABLE  
Card 2/2

5(4)

207/69-21-4-12/22

AUTHOR: Logginov, G.I., Rebinder.P.A. and Abrosenkova, V.F.  
TITLE: The Interaction at Ordinary Temperatures of Calcium Hydroxide With Sand of Various Degrees of Dispersity  
PERIODICAL: Kolloidnyy zhurnal, 1959, Vol XXI, Nr 4, pp 442-448 (USSR)

ABSTRACT: This is a study of the interaction of calcium hydroxide with sand in aqueous solution. The experiments were carried out with the aid of isotope  $Ca^{45}$ , used in the form of  $Ca^{*}(OH)_2$ . The binding kinetics of the lime were studied with the chemical methods employed for the determination of free  $CaO$ . Object of the investigation was sand (quartz sand) of the Vol'sk deposit of different dispersity<sub>2</sub> (specific surface  $S_1$ ). The dispersity varied from  $S_1=0.11 \text{ m}^2/\text{g}$  (natural state) to  $S_1$  values equal to 0.62; 0.95; 2.6 and  $5.4 \text{ m}^2/\text{g}$  (finely ground).<sup>1</sup> The experiments, which continued for 6 months, were carried out at a temperature of  $17^{\circ} \pm 1^{\circ} \text{ C}$ . Figure 1 (graph) illustrates the binding kinetics of calcium ions from a saturated  $Ca(OH)_2$  solution with sand of the above-mentioned  $S_1$  values. The

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SOV/69-21-4-12/22

The Interaction at Ordinary Temperatures of Calcium Hydroxide With Sand of Various Degrees of Dispersity

curves show that independently of the dispersity of the sand, the binding process always consists of two stages: 1) chemisorption, which ends within one hour after the start of the interaction, and 2) a very long period of chemical binding of CaO at constant rates. The second process, evidently, is connected with the formation of calcium hydrosilicate, the latter being a new phase crystallized from the gradually formed supersaturated solution. According to K.G. Krasil'nikov, this process will finally result in the full binding of CaO in the hydrosilicate, which corresponds to a final concentration of  $\sim 0.006$  g/l, i.e. to a hydrolytic equilibrium of the calcium silicate in the solution. In the case of concentrated suspensions, this process results in the development of a solid crystalline hydrosilicate structure [reference 11], as is shown by the authors' experiments with small solid blocks of lime-sand binder. The specific surface of finely ground sand was determined on the basis of adsorption at low temperature. The medium values for

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SOV/69-21-4-12/22

The Interaction at Ordinary Temperatures of Calcium Hydroxide With Sand of Various Degrees of Dispersity.

each dispersity served for the calculation of the space occupied by a CaO molecule (table 1). The medium value ( $S_0$ ) of this space was found to be  $10.2 \text{ \AA}$ . On the basis of the medium value  $S_0$ , and the value of CaO sorption, the authors also calculated the values  $S_1$  of coarsely-dispersed sand, which cannot be determined on the basis of nitrogen adsorption. Both methods, i.e. the method of investigating the CaO binding process with the aid of isotope  $\text{Ca}^{45}$  and the method of determining the active specific surface of sand through chemisorption of the same isotope, permit determination of the surface of sands of any dispersity. Low-temperature adsorption of nitrogen serves only for the determination of the surface of highly-dispersed sands ( $> 1 \text{ m}^2/\text{g}$ ). The remaining part of the study can be summarized as follows. The dependence of the rate of CaO binding on the dispersity of sand is subject to the equation of the semicubical parabola (figure 2). The hardening of lime-silica binders

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BOV/69-21-4-12/22

The Interaction at Ordinary Temperatures of Calcium Hydroxide With Sand of Various Degrees of Dispersity.

can be intensified (by 50%) by activation processes, i.e. by passing the limesilica binder through a vibromill. The discovery of the mechanism of CaO binding opens new technological possibilities to increase the strength of lime-silica products by adding substances, which increase the rate of dissolving of silica in water. In addition to the above-mentioned scientist, the authors mention D.S.Sominskiy and G.S. Khodakov. There are 4 tables, 3 graphs and 16 references, 14 of which are Soviet and 2 English.

ASSOCIATION: Institut fizicheskoy khimii AN SSSR, Moskva  
(Institute of Physical Chemistry of the AS USSR, Moscow)

SUBMITTED: 15 November, 1958

Card 4/4

"The Rules Governing the Binding of Calcium Oxide with Quartz Sand."

report presented at the Section on Colloid Chemistry, VIII Mendeleev Conference of General and Applied Chemistry, Moscow, 16-23 March 1959.  
(Koll. Zhur. v. 21, No. 4, pp. 509-511)

LOGGINOV, G.I.; SUKHOVA, L.A.; KHEYKER, D.M.

Determination of the degree of fiberizing of chrysotile asbestos  
by means of radioactive isotopes. Trudy NIIAsbestsementa no.10:  
85-90 '59. (MIRA 16:8)  
(Radioisotopes--Industrial applications) (Asbestos cement)

KHIGEROVICH, M.I., doktor tekhn. nauk, prof.; LOGGINOV, G.I., doktor khim. nauk, prof.; MERKIN, A.P., inzh.; FILIN, A.P., aspirant; KITAYTSEV, V.A., kand. tekhn. nauk, ispolnyayushchiy obyaz. prof., retsenzent

[Vibration-inflated gas concrete; manufacture, macrostructure, and technical characteristics. Reports at the 22d Research Conference] Vibrovspuchennyi gazobeton; izgotovlenie, makrostruktura i tekhnicheskie svoistva. Doklady na XXI nauchno-issledovatel'skoi konferentsii. Moskva, 1962. 19 p.  
(MIRA 17:4)

1. Moscow. Inzhenerno-stroitel'nyy institut. 2. Zaveduyushchiy kafedroy tekhnologii teploizolyatsionnykh materialov Moskovskogo inzhenerno-stroitel'nogo instituta (for Kitaytsev). . .

LOGGINOV, G.I.; DOROFYEV, A.Ye.

Radioactive method of determining the homogeneity of mixtures  
of sand and cement. Sbor. trud. MISI no.50:5-10 '65.  
(MIRA 18:12).

LOGGINOV, G.I.; SHURUYEVA, G.V.

X-ray diffraction analysis of the carbonization of calcium oxide.  
Sbor. trud. MISI no.50:51-60 '65. (MIRA 18:12)

LOGGINOV, G.I.; IOFFE, Ye.M.

Solution of the components of serpentine with recovery of the reagent. Sbor. trud. MISI no.50:64-69 '65.

(MIRA 18:12)

LOGGINOV, G.I.; LISOV, A.A.

Determining the reduced significance of the limit shear stress  
of ceramic materials. Sbor. trud. MISI no.50:76-79 '65.  
(MIRA 18:12)



L 10349-67 EWT(m)

ACC NR: AT6016511 (A)

SOURCE CODE: UR/3065/65/000/050/0005/0010

AUTHORS: Logginov, G. I.; Dorofeyev, A. Ye. 15

ORG: none

TITLE: A radioactive method for determining homogeneity in a sand-cement mix

SOURCE: Moscow, Inzhenorno-stroitel'nyy institut. Sbornik trudov, no. 50, 1965. Fizicheskiye metody issledovaniya svoystv stroitel'nykh materialov mineral'nogo proiskhozdeniya (Physical methods of investigating the properties of building materials of mineral origin), 5-10

TOPIC TAGS: concrete, tracer study, radioactive agent

ABSTRACT: Previously used techniques of employing radioactive isotopes for determining homogeneity in aggregates are reviewed, and their defects are pointed out. These defects are: 1) clogging up the operation of the mixer, especially when cobalt is used; 2) necessity of using large quantities of activated material; and 3) operation with short-lived indicators (half-life of hours rather than days). The authors propose a method based on the selective adsorption of  $Sr^{89}$  on sand because of different degrees of contamination in the aggregate. In testing the material, crystalline sands of various grain sizes and different degrees of contamination with clay were used.  $Sr^{89}$  was added in an aqueous solution of strontium nitrate (beta-ray

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L-10349-67

ACC NR: AT6016514

energy of 1.463 Mev and half-life of 50.5 days). Samples were tested for radioactivity with a B-2 end-window counter or with a BFL-2 or MST-17 counter. Background was below 40 counts per minute. Graphs were plotted for counts per minute of tested samples against time from beginning of mixing. It was found possible to determine the degree of homogeneity of a two-component mix by means of standard deviation within six hours, and when a hydration inhibitor was used the time was considerably shortened. With this method the efficiency of the mixing operation may be determined without impeding or harming its activity or its production. Determinations are made from observation of the initial rate of decreasing standard deviation or the time its asymptotic value is reached. It is possible in this way to determine the amount of clay admixture in sand by the amount of adsorbed strontium on the clay particles. Orig. art. has: 3 figures and 1 formula.

SUB CODE: 11, 18/

SUBM DATE: none/

ORIG REF: 008

LOGGINOV, S.B.

Hematophagia of *Alfortia*, *Delafondia*, and *Triodontophorus*  
*serratus*. Trudy VIGIS 7:191-196. '59. (MIRA 13:11)  
(Worms, Intestinal and parasitic)

LOGGINOV, S.B.

Allergic reaction of foals to antigen from Alfortia. Trudy  
VIGIS 7:185-190 '59. (MIRA 13:11)  
(Horses) (Antigens and antibodies)  
(Worms, Intestinal and parasitic)

LOGGINOV, S.B.

Reaction of the cavity fluid of parascarids with the medium  
of their habitat. Trudy VIGIS 6:269-272 :59. (MIRA 15:5)  
(Ascarids and ascariasis)

LOGGINOV, S.B.

Toxicity of live parascarijs. Trudy VIGIS 6:273-281 '59.  
(MIRA 15:5)  
(Ascarids and ascariasis)  
(Toxins and antitoxins)

JUSTER, E., ing.; LOGHIN, A., ing. si candidat in stiinta tehnice;  
STANESCU, E., ing.

Realization of a calking veil in alluvial soils by means of injection  
method. Hidrotehnica 6 no.12:430-438 D '61.

(Alluvium) (Calking)

IFRIM, N.; MARCU, I., ing.; LOGHIN, I., ing.; IANUS, P., ing.

Suggestions, concrete achievements, prospects. Constr Buc  
16 no.741:3 21 Mr'64.



LOPIRIN, A.I. [Lopyrin, A.I.]; LOGHINOVA, N.V. [Loginova, N.V.]

On the problem of animal hybridization in the past. Analele  
biol 9 no.2:43-54 Ap-Je '54.

1. LOGIN, A.
2. USSR (600)
4. Gas and Oil Engines
7. Shortcomings of a book on breaking in and testing motors ("Breaking in and testing automobile and tractor motors." G.I. Trubnikov, reviewed by A. Login), MTS 13 no. 4, 1953.

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

L 939.6 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACC NR: AP5021830

SOURCE CODE: UR/0356/65/000/009/0074/0075

AUTHORS: Login, A. (Candidate of technical sciences); Razumov, M. (Engineer)

ORG: none

TITLE: Brake tests of engines on combines

SOURCE: Tekhnika v sel'skom khozyaystve, no. 8, 1965, 74-75

TOPIC TAGS: agricultural machinery, test stand, performance test, internal combustion engine, fuel consumption, T 4M hydraulic device, 1 APR 3 trailer

ABSTRACT: This article describes a method for brake tests of combine engines without their removal from the combines. The method was developed at the Novosibirskiy sel'skokhozyaystvennyy institut (Novosibirsk Agricultural Institute). The method employs a stand that permits stable loading over the entire range of loads and rpm's, and also fairly accurate measurement of load, rpm, and fuel consumption. The stand consists of a T-4M hydraulic brake, supply tanks with pipes, water-collecting headers, an evacuation pump, couplings, and a fuel-measuring device. The stand can be mounted on the chassis of a 1-APR-3 trailer. A splined clutch with a universal joint replaces the pulley on the shaft of the clutch that drives the thresher. This clutch is taken from a ZIL-150 or ZIL-164 automobile. The condition of the engine is determined after measuring power and fuel consumption in three different operating regimes. Preparation and testing took 1.5--2 hrs. The cost of the apparatus (72 rubles) is made up for by the cost of the removal of three engines (about 27 rubles each). Orig. has: 2 photographs and 2 formulas.

SUB CODE: 02 / SURM DATE: none

Card 1/1

UDC: 631.354.2-84.001.4

43  
B

KERENYI, A. Odon, iparagi fomenok; ALPAR, Imre, foenergetikus; LOGIN,  
Ferenc, foenergetikus

Achievements and present tasks of power economy in Hungary.  
Elektrotechnika 52 no.1/2:2-24 '59.

1. Nehezipari Miniszterium Villamosenergiaipari Igazgatóság  
(for Kerényi).
2. Elelmezesugyi Miniszterium (for Alpar).
3. Nehezipari Miniszterium Banyzszati Agazata (for Login).

LOGIN, Al'bert I'omnikovich; KOBYLYAKOV, L.M., redaktor; PERESYPKINA, Z.D.,  
tekhnicheskii redaktor

[The work of the tractor brigade] Rabota traktornoj brigady. Moskva,  
Gos. izd-vo selkhoz. lit-ry, 1956. 47 p. (MLRA 9:10)  
(Tractors)

USSR / Cultivated Plants. Commercial. Oil-Bearing. M-5  
Sugar-Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25157

Author : Login, A.D.

Inst : Not given

Title : The Two-Stage Harvesting of False Flax

Orig Pub: Mashino-trakt. stantsiya, 1957, No 7, 36-39

Abstract: No abstract.

Card 1/1

LOGIN, A.D.

"On New Methods of Harvesting Grain Crops";

dissertation for the degree of Candidate of Technical Sciences  
(awarded by the Timiryazev Agricultural Academy, 1962)

(Izvestiya Timiryazevskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2,  
1963, pp 232-236)

ALPAR, Imre; LOGIN, Ferenc

Remarks. Elektrotechnika 52 no.1/2:19-24 '59.

1. Az Elelmezesugyi Miniszterium foenergetikusa (for Alpar).
2. A Nehezipari Miniszterium Banyaszati Agazatanak foenergetikusa (for Login).



LOGIN, M.

25759, LOGIN, M. Konservirovannoe teplo. (O termitnoy svarke). Ill. M. Simakov.  
Znanie-sila, 1949, No. 7, s. 24-25.

SO: Letopis' Zhurnal' nykh Statey, Vol. 34, Moskva, 1949

AUTHOR: Kazhinskiy, B. and Login, M.

107-5-46/54.

TITLE: Damless Electric Power Station (Besplotinnaya elektrostantsiya)

PERIODICAL: Radio, 1956, Nr5, p. 57 col. 1-2 (USSR)

ABSTRACT: A description of a primitive floating hydro mover suitable for driving a 1-2 kw electric generator for small rural electrification. A number of wooden blades are attached to a crankshaft and immersed one by one into the river which should have the stream rate of 1 m/sec or more.

Two figures in the article.

AVAILABLE: Library of Congress.

Card 1/1

LOGIN, M.I.

Automatic and centralized switching on Moscow streetcar lines. Gor.khor.  
Mosk. 21 no.4:38-40 Ap '47. (MLRA 6:11)  
(Moscow--Electric railroads--Switches) (Switches--Electric railroads--  
Moscow)

1. IOGIN, M. I.
2. USSR (600)
4. Street railroads
7. Measures against radio disturbances in street car signaling, Gor. khoz. Mosk., 21, No. 11, 1947.

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

1ST AND 2ND ORDERS      PROCESSES AND PROPERTIES INDEX      1ST AND 4TH ORDERS

AS B SLA METALLURGICAL LITERATURE CLASSIFICATION

22B-451. New Method for Thermit Welding of Rail Junctions in Trolley Tracks. (In Russian.) V. V. Lapkin and M. I. Login. *Avtogennoe Beto (Welding)*, July 1949, p. 19-20.

Method is characterized by the fact that the molten thermit is applied inside a mold and does not touch the rail head. This method produces a very strong joint (able to withstand a static load of 45-60 tons).

COMMON ELEMENTS

MATERIALS NOTE

EXPLANATION

EXPLANATION

1. LOGIN, M. I.
  2. USSR (600)
  4. Street Railroads--Construction
  7. Automatic blocking of street car switches, Gor. khoz. Mosk., 23, No. 4, 1949.
- 
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

LOGIN, E. I. OVCHILNOKOV, V.V.

Perfected design of an electric drive for mechanized streetcar  
switches. Gor.khoz.Mosk. 25 no.6:36-37 Je '51. (MLRA 10:9)  
(Street railways--Switches)

LOGIN, M.I.; ROZANOV, L., redaktor; LAYKHTER, E., tekhnicheskij redaktor

[Automatic and centrally controlled tramway switches] Avtomaticheskie i tsentralizovannye tramvalnye strelki. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1953. 47 p. (MLRA 9:8)  
[Microfilm]

(Street railways--Switches)



LOGIN, M.I.

New method of manufacturing spring washers. Stan.i instr. 24 no.7:30-31  
Jl '53. (MLRA 6:8)  
(Springs (Machinery))

LOGIN, M.I.

Special lathe with automatic chuck for winding springs and coils. Stan.1  
instr. vol. 24 no.9:23 S '53.  
(MIRA 6:10)  
(Lathes)

LOGIE, M.I.

Thermite welding of manganese steel trolley rails. Gor.khoz.Mosk. 27 no.  
4:31. Ap '53. (MIRA 6:5)

(Street railroads--Construction)

LOGIN, M.I.

Improved design of concrete beds for street car tracks. Gor.khoz.Mosk. 27  
no.11:24-25 N '53.

(MLRA 6:11)

(Street railroads--Construction)

LOGIN, M.I.

LOGIN, M.I. Production of spring lock washers. Moskva, Gos. nauchno-tekhn, izd-vo mashinostroit. i sudostroit. lit-ry, 1954. 23 p. (55-28501)

TJ1320.16

TOKAREV, F.V., izobretatel', Geroy Sotsialisticheskogo Truda; SMIRNOV, I.V., izobretatel' v oblasti stroymaterialov; POKROVSKIY, G.I., professor, do'ktor tekhnicheskikh nauk; SHIRKOV, I.P., novator stroitel'noy industrii; CHIKIREV, N.S., novator; KOTOVA, S.A., novator, brigadir pryadil'shchits; LOGIN, M.I., izobretatel', inzhener; SLIVOCHKIN, F.P., ratsionalizator; MERKULOV, I.A., izobretatel', konstruktor dvigateley; KOSMATOV, N.V., izobretatel' v oblasti kino; KHLEBTSEVICH, Yu.S., izobretatel', kandidat tekhnicheskikh nauk; SHCHADILOV, V.I., ratsionalizator-naladchik.

"Inventor" has a proud ring to it! Tekh. mol. 25 no.3:l-3 Mr '57.  
(MLRA 10:6)

1. Deputat Verkhovnogo Soveta SSSR (for Shirkov). 2. Nachal'nik tsekha zavoda imeni Sergo Ordzhonikidze (for Chikirev). 3. Fabrika imeni Kalinina (for Kotova). 4. Termitnostrelochnyy zavod (for Login). 5. Zavod "Kauchuk" (for Slivochkin).

(Inventions)

LOGIN, M. I.

Street cleaning machine with a dust removing equipment, Gor.khoz.Mosk.  
33 no.2:40 F '59. (MIRA 12:3)  
(Street cleaning machinery)

LOGIN, M. I.

Manufacturing stopper elastic washers. Mashinostroitel' no.9:22-23  
S '60. (MIRA 13:9)

(Machine-shop practice)



LOGIN, M.I.; SHIROKINSKIY, B.K.

Noiseless vibratory conveyer. Mashinostroitel' no.11:8 N '61.

(MIRA 14:11)

(Conveying machinery)

LOGIN, M.I.

Noiseless vibratory conveyors for removing chips from machine tools, automatic lines and shops. Biul. tekhn.-ekon.inform.Gos. nauch.-issl.inst.nauch. i tekhn.inform. no.3:37-40 '63.  
(MIRA 16:4)

(Machine-shop practice)

LOGIN, M.I.

High-speed vises with a free-moving front jaw. Mashinostroitel'  
no.2224 F '65. (MIRA 183)

LOGIN, M.I.

Press for expanding pipes. Mashinostroitel' no.7:5 J1 '65.  
(MIRA 18:7)

LOGIN, M. Yu.; MANDZHYUK, H.I.

Diagnostic significance of Hakim's serum reaction in cancer.  
Vrach. delo no.8:120-121 Ag'63. (MIRA 16:9)

1. Kafedra propedeuticheskoy terapii (zav. - prof. M.S.  
Turel'taub) meditsinskogo fakul'teta Uzhgorodskogo univer-  
siteta.

(SERUM DIAGNOSIS) (CANCER-DIAGNOSIS)

~~LOGINEVSKAYA, N.F.~~

One-piece machine reamers. Standartizatsia 27 no.3:51-52 Mr  
'63. (MIRA 16:4)

(Reamers--Standards)

APPROVED

YAROSLAVSKIY, M., podpolkovnik; LOGINOV, A., kapitan; VOROB'YEV, V., kapitan.

Radiation and chemical reconnaissance in a tank company. Tankist  
no.4:35-36 Apr '58. (MIRA 11:5)  
(Tank warfare) (Chemical warfare) (Radioactive fallout)

LOGINOV, A., kand.pedagog.nauk; KOVACH, S.K. (g.Satanov, Khmel'nitskoy obl.); BAYEV, S.Ya., uchitel'; POPOVA, A.N., uchitel'nitsa; ZAMULIN, G.T.; YEMEL'YANOVA, T.I.; PYATNITSKIY, M.P.; YAROSHCHUK, N.A., uchitel'; CHISTYAKOV, V.M., uchitel'; LENSIN, A.S. (g. Novosibirsk); NOSKOV, V.I., (g.Feodosiya); RUD', K.A., uchitel'nitsa; VASIK, G.Ye., uchitel'; GAPONENKO, I.M.

Editor's mail. Khim. v shkole 15 no.3:73-78 My-Je '60. (MIRA 14:7)

1. Pedinstitut, g. Ulan-Bator (for Loginov).
2. Ordzhonikidzevskaya srednyaya shkola No.5, Stavropol'skiy kray (for Bayev).
3. Nikiforovskaya shkola sel'skoy molodezhi, Tambovskoy oblasti (for Popova).
4. Pedagogicheskiy institut g. Krasnodara (for Zamulin, Yemel'yanova, Pyatnitskiy).
5. Srednyaya shkola No.8, g. Vinnitsy (for Yaroshchuk).
6. Srednyaya shkola sovkhoza "Spartak" Saratovskoy obl. (for Chistyakov).
7. Srednyaya shkola No.14 g. Stalina (for Rud').
8. Shkola No.569 g. Moskvy (for Vasik).
9. Pedagogicheskiy institut, g. Novozybkov (for Gaponenko).

(Chemistry--Study and teaching)



LOGINOV, A.

Conference of members of the International Atomic Energy Agency on the  
use of atomic energy for the distillation of salt water. Atom. energ.  
19 no.1:90-93 J1 '65. (MIRA 18:7)

LOGINOV, A. A.

Effect of the cerebellum on carbohydrate metabolism in the skeletal muscle. Tr. Vsesoiuz. obsh. fiziol. no. 1:101-102 1952. (CML 24:1)

1. Delivered 27 September 1949, Baku.

LOGINOV, A.A.

MD

✓ Interoceptors and metabolism. II. The importance of the blood sugar level to the regulating function of interoceptors on the skeletal musculature. A. I. Karaev and A. A. Logincev. *Doklady Akad. Nauk Azerbaidzhan. S.S.R.* 9, No. 6, 343-7(1953)(in Russian); cf. *C.A.* 49, 14993a.---The peripheral part of the femoral nerve was electrically stimulated and the contractions of tibialis anterior (*TA*) recorded. Studies were made of the effect of stimulation of the interoceptors of the urinary bladder (*UB*) on *TA* under normal conditions and in hypoglycemia (*HG*). In 10 cases, stimulation of *UB* in normal animals depressed the *TA* contractions. In light or medium *HG* in 8 cases stimulation of *UB* enhanced the *TA* contractions, depressed them in 3 and produced no effects in 4 cases. In high *HG* the *TA* contractions were completely depressed.

III. The effect of stimulation of the chemoreceptors of the intestines on the skeletal musculature in the presence of low blood sugar. *Ibid.* No. 11, 083-8.---Twelve cats were used in the study of the effect of acetylcholine stimulation of the intestinal chemoreceptors on the skeletal musculature in the presence of insulin-produced *HG*. In *HG*, actuating *TA* reactions occurred in 4 and thigh muscle reactions in 6 instances. Within 1 hr. after the insulin administration the reactions became fixed. The time of appearance of actuating muscle reactions depends not so much upon the degree of *HG* as upon the rate at which the blood sugar is reduced. The chemoreceptors of the small intestine do not constitute the basic seat of visceromotor reflexes. Through *Referat. Zhur. Khim., Biol. Khim.* 1955, No. 1417, No. 1418. B. S. Leytne

①

LOGINOV, A.A.

Interoceptors and metabolism. Izv. AN Azerb. SSR no.12:71-80 D'54.  
(Receptors (Neurology)) (Metabolism) (MLRA 8:11)

LOGINOV, A.A.

Exclusion of hepatic function using the method of angiostomy. *Fiziol.*  
zhur. 40 no.6:745-748 N-D '54. (MLRA 8:2)

1. Kafedra fiziologii cheloveka i zivotnykh Azerbaydzhanskogo  
Gosudarstvennogo universiteta im. S.M.Kirova, Baku.  
(LIVER, surgery,  
exper. angiostomy)

LOGINOV, A. A.

LOGINOV, A.A.; BRATKOVA, R.S.

~~Effect of stimulation of the receptors of the rectum and bladder~~  
Effect of stimulation of the receptors of the rectum and bladder  
on the amylolytic activity of blood. Uch.zap.AGU no.3:65-70 '55.  
(RECTUM--INNERVATION) (BLADDER--INNERVATION) (MLRA 9:12)  
(BLOOD--ANALYSIS AND CHEMISTRY) (DIASTASE)

LOGINOV, A.A.; YERHOVA, N.D.

Effect of the excitation of interoceptors on the correlation of  
blood protein fractions. Uch.zap.agu no.6:63-72 '55. (MLRA 9:11)  
(BLOOD PROTEINS) (RECEPTORS (NEUROLOGY))

LOGINOV, A.A.

Interceptors and metabolism. Dokl. AN Azerb. SSR 11 no.2:135-142  
'55. (MLRA 8:10)

1. Azerbaydzhanskiy gosudarstvennyy universitet im. S.M.Kirova.  
Predstavleno deystvitel'nym chlenom Akademii nauk Azerbaydzhanskoy  
SSR A.I.Karayevym.

(Receptors (Neurology)) (Metabolism)



LOGINOV, A.A.

Effect of the resection of a portion of the cerebellum on carbohydrate metabolism of skeletal muscles. Trudy Vses. ob-va fiziol., biokhim. i farm. 3:58-62 '56 (MLRA 10:4)

1. Kafedra fiziologii cheloveka i zhivotnykh Azerbaydzhanskogo universiteta im. S.M. Kirova; zaveduyushchiy kafedroy professor A.I. Karayev.  
(CEREBELLUM) (MUSCLE) (CARBOHYDRATE METABOLISM)

LOGINOV, A.A.

Interoceptive conditioned metabolic reflexes. Uch. zap. AGU no.7:  
55-62 '56. (MLRA 10:4)  
(CONDITIONED RESPONSE) (INTESTINES...INNERVATION)  
(BLOOD SUGAR)

1691111, A.

USSR/Human and Animal Physiology - Liver.

V-8

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4127

Author : A. Loginov

Inst : -

Title : Hepatic Changes in Patients with Polycytaemia

Orig Pub : Terapevt, arkhiv, 1956, 28, No 7, 61-67

Abstract : In a study of 72 patients with polycytaemia, liver enlargement was not present only in 16 people. The causes of hepatic enlargement are the following: overflowing of vessels with blood, hyperplasia of the reticulo-endothelial system, development of foci of hemopoiesis and of connective tissue, thrombosis of hepatic veins. The enlargement of the liver paralleled that of the spleen, and the degree of the enlargement depended on the duration of the disease. The hepatic functions were not normal in many of the patients. Histological studies of the liver tissue (Puncture) most often

Card 1/2

USSR/Human and Animal Physiology - Liver.

v-8

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4127

revealed protein dystrophy of the protoplasm of the hepatic cells. At autopsy, a marked blood-fullness of the hepatic vessels and capillaries, atrophy and deformation of the hepatic "beams" and dystrophic changes in the hepatic cells (cloudy swelling, fattening) were observed. The cause of the functional disorders is probably the albumin dystrophy; the last phase is cirrhosis. When the primary disease is treated (with radioactive P), hepatic functions improve.

Card 2/2

KARAYEV, A.I.; LOGINOV, A.A.

Effect of stimulation of the interoceptors on the chronaxy of the motor zone of the cerebral cortex. *Fiziol.zhur.* 42 no.9:752-757 S '56. (MLRA 9:11)

1. Kafedra fiziologii cheloveka i zhivotnykh Universiteta im. S.M. Kirova, g.Baku.

(CEREBRAL CORTEX, physiology,

chronaxy of motor zone, eff. of stimulation of bladder & rectum (Rus))

(RECTUM, physiology,

eff. of stimulation of cerebrocortical motor chronaxy (Rus))

(BLADDER, physiology, same)

USSR / Human and Animal Physiology. Nervous System. T  
General Problems.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102160.

Author : Karayev, A. I.; Loginov, A. A.

Inst : Azerbaydzhani University.

Title : The Peculiarities of Corrective Influences from  
the Receptors of the Urinary Bladder and Rectum  
on Contraction of Antagonistic Muscles.

Orig Pub: Uch. zap. Azerb. un-t, 1957, No 2, 105-110.

Abstract: Stimulation of the urinary bladder and rectum re-  
ceptors of cats by a pressure of 80-100 mm of  
mercury column produced reciprocal, and, according  
to their character, corrective influences on the  
concurrent contractions of the antagonist muscles  
m. tibialis anterior and m. gastrocnemius. The  
impulses from receptors which were stimulated first

Card 1/2

LOGINOV, A.A.

Mechanism of the regulation of relations between the fetus  
and mother. Uch.zap. AGU Biol.ser. no.1:53-60 '59.

(MIRA 13:7)

(PREGNANCY)

LOGINOV, A.A.

Technic of organ perfusion in physiological experimental investigations. *Fiziol.zhur.* 45 no.4:502-504 Ap '59.

(MIRA 12:6)

1. From the physiological laboratory, N.K.Krupskaja Research Institute for Maternity and Infancy Protection, Baku, Azerbaidzhan SSR.

(PERFUSION,  
technic (Rus))



LOGINOV, A. A., Doc Biol Sci -- (diss) "Mechanism of interoceptor exchange reflexes." Baku, 1960. 50 pp; with illustrations; (Academy of Sciences Belorussian SSR, Inst of Biology); 300 copies; price not given; bibliography at end of text (29 entries); (KL, 27-60, 151)

LOGINOV, A.A.

Effect of cholinergic substances on interoceptive exchange reflexes.  
Uch. zap. AGU. Biol. ser. no.1:51-60 '60. (MIRA 14:5)  
(PARASYMPATHOMIMETICS)

LOGINOV, A.A.; DADASHEV, A.G.

Effect of altitudinal conditions on interoceptive exchange reflexes.  
Trudy Sekt. fiziol. AN Azerb. SSR 3:74-77 '60. (MIRA, 13:10)  
(ALTITUDE, INFLUENCE OF) (INTESTINES—INNERVATION)  
(BLOOD SUGAR)

ALIYEV, R.K.; LOGINOV, A.A.

Abdulla Ismail-ogly Karaev; on his 50th birthday and 30th anniversary  
of his industrious life and scientific and pedagogical activities.  
Uch. zap. AGU/ Biol. Ser. no. 4:3-8 '60. (MIRA 14:5)  
(Karaev, Abdulla, 1910-)

LOGINOV, A.A.; RZA-KULIYEVA, Kh.M.

Method for studying the state of reception of the vagina and  
cervix uteri under normal and pathological conditions. Akush.  
i. gin. 36 no.1:95-100 Ja-P '60. (MIRA 13:10)  
(UTERUS—BLOOD SUPPLY) (VAGINA—BLOOD SUPPLY)  
(PLETHYSMOGRAPHY)

LOGINOV, A.A., KANBAY, Kh.G.

Effect of stimulation of the fetus on the blood sugar level in the mother in cases of experimental craniocerebral injury and asphyxia of the fetus. Dokl.AN Azerb.SSR 16 no.4:407-410 '60.  
(MIRA 13:7)

1. Nauchno-issledovatel'skiy institut okhrany materinstva i detstva Minsdrava AzerSSR. Predstavleno akad. AN AzerSSR.  
A.I. Karayevyn.

(FETUS--DISEASES)

(BLOOD SUGAR)

LOGINOV, A.A.

Features of reflex influences from the fetus on the blood sugar level of the mother. Dokl. AN Azerb.SSR 16 no.7:687-701 '60 (MIRA 13:9)

1. Fiziologicheskaya laboratoriya Nauchno-issledovatel'skogo instituta okhrany materinstva i detstva Minzdrava Azerbaydzhanskoy SSR. Predstavleno akad. AN AzerSSR A. I. Karayevym.  
(PREGNANCY) (BLOOD SUGAR)

LOGINOV, A.A.

Reflex influences from the body of the fetus on the blood sugar  
level of the mother. Akush.1 gin. 36 no.4:112-113 JI-Ag '60.

(BLOOD SUGAR)

(FETUS)

(MIRA 13:12)



LOGINOV, A.A.

Effect of bromine and caffeine on interoceptive metabolic reflexes.  
Uch. zap. AGU. Biol. ser. no. 5:57-66 '59.  
(BROMINE) (CAFFEINE) (BLOOD SUGAR) (MIRA 15:5)

LOGINOV, A.A.; DADASHEV, A.G.

Effect of the stimulation of rectal receptors on the calcium content  
of blood. Trudy Sekt. fiziol. AN Azerb. SSR 4:55-62 :60.  
(RECTUM\_INNervation) (CALCIUM METABOLISM) (MIRA 15:1)

ALIYEV, G.K.; GADZHIYEV, A.A.; LOGINOV, A.A.; ATLAS, V.V.; KAZIMOVA, M.N.;  
KASUMZADE, Z.N.

Effect of potentiated local anesthesia, using ganglion-blocking  
drugs and intramuscular hexenal injections, and the total protein  
content and the ratios of protein fractions in blood serum in certain  
surgical interventions. Azerb. med. zhur. no.7:9-16 JI '61.

(MIRA 15:1)

1. Iz khirurgicheskoy kafedry (zav. - zasluzhennyy deyatel' nauki  
prof. G.K.Aliyev) Azerbaydzhanskogo instituta usovershenstvovaniya  
vrachey (direktor - prof. A.M.Aliyev).

(AUTONOMOUS DRUGS)

(HEXOBARBITAL)

(BLOOD PROTEINS)

LOGINOV, A.A.

Morphophysiological structure of the arc of an interoceptive  
metabolic reflex. Izv.AN Azerb.SSR.Ser.biol.i med.nauk no.4:  
107-119 '62. (MIRA 15:12)

(REFLEXES)

(METABOLISM)

LOGINOV, A.A.

Method of study of the functions of isolated organs. Vop.fiziol.  
5:164-168 '62. (MIRA 16:5)  
(VISCERA) (PHYSIOLOGY--RESEARCH)

ALIYEV, G.K.; GADZHIYEV, A.A.; LOGINOV, A.A.

Effect of Lytic cocktails on the content of proteins and protein reactions in the blood serum; an electrophoretic study. Azerb. med. zhur. 40 no.5:11-17 My '63. (MIRA 17:9)

1. Iz kafedry khirurgii Azerbaydzhanskogo instituta usovershenstvovaniya vrachey.

LOGIC, etc. (1971, p. 100)

... of the ... relations in the ... influence in ...  
... (1971, p. 100)

(MIRA 17:10)

ALIYEV, G.K.; GADZHIEV, A.A.; LOGINOV, A.A.; KNABENGOP, V.G., GADZHIEV, I.M.

Motor chronaxis in premedication for local anesthesia with  
neuroplegic mixtures. Azerb. med. zhur. 42 no.4:15-20 Ap '65.

(MIRA 18:9)

1. Iz kafedry khirurgii (zav.- zasluzhennyy deyatel' nauki prof.  
G.K. Aliyev) Azerbaydzhanskogo instituta usovershenstvovaniya  
vrachey imeni Aliyeva (rektor - kand. med. nauk B.M. Agayev).



DEMENT'YEV, B.A.; LEPILIN, R.S.; LOGINOV, A.A.

Investigation of the hydrodynamics of bubbling of the steam and water mixture at high altitudes. Nauch.dokl.vys.shkoly; energ. no.2:251-262 '59. (MIRA 13:1)

1. Rekomendovana kafedroy atomnykh elektrostantsiy Moskovakogo energeticheskogo instituta. (Hydrodynamics) (Bubbles)

DEMENT'YEV, B.A.; LEPLIN, R.S.; LOGINOV, A.A.

Investigation of the hydrodynamics of water volume under conditions of great heights of the bubbling layer. Nauch.dokl. vys.shkoly; energ. no.2:263-274 '59. (MIRA 13:1)

1. Rekomendovana kafedroy atomnykh elektrostantsiy Moskovskogo energeticheskogo instituta.  
(Hydrodynamics) (Bubbles)

BIRYUKOV, Vasiliiy Kuz'mich; LOGINOV, A.A., red.; VOLCHOK, K.M., tekhn.  
red.

[Marine internal combustion engines] Sudovye dvigateli vnutren-  
nego sgoraniia. Leningrad, Izd-vo "Rechnoi transport," 1961. 344 p.  
(MIRA 15:7)

(Marine engines)

DEMENT'YEV, B.A., kand.tekhn.nauk; LOGINOV, A.A., inzh.; RYABOV, V.M., inzh.

Study of a cyclone separator in a loop with natural circulation.  
Teploenergetika 8 no.5:52-57 My '61. (MIRA 14:8)

1. Moskovskiy energeticheskiy institut.  
(Separators (Machines))