

LARCHENKO, Anatoliy Afanas'yevich; SHATSILLO, O.I., inzh., red.; GVIRTS,  
V.L., tekhn.red.

[Automatic control of gas operated industrial and central-heating  
boiler systems] Avtomatizatsiia otopitel'nykh i promyshlennykh  
gazifitsirovannykh kotel'nykh. Leningrad, 1960. 25 p. (Lenin-  
gradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym  
opytom. Seriya: Energetika, vyp.1). (MIRA 14:3)  
(Automatic control) (Boilers)

BOJOCOVSKIY, D.Yu., inzh.; LARUCHENKO, A.A., inzh.

Compulsory minimum for automating systems of heat supply, ventilation,  
and boiler rooms. Sher. rab. lengiproekta:43-46 in '61.

(MIRA 17:12)

YANTSEVSKIY, A.V.; LAGHENKO, A.A.; ISS, Ye.N.

Continuous control of the vinyl acetate polymerization process.

Plast,massy no.6:1-2 '65.

(MIRA 18:8)

LARCHENKO, A.P.

Basic characteristics of the endogenic metallogeny in northeastern  
China. Trudy MGRI 37:235-259 '61. (MIRA 15:1)  
(China--Ore deposits)

LARCHENKO, I. F. Cand Tech Sci

Dissertation: "Investigation of the Effect  
of Fuel Physical Characteristics on the Quality  
of Fuel Spraying in Diesel Engines."

28/3/50

Moscow Order of the Labor Red Banner Petroleum Inst  
imani I. K. Gubkin.

SO Vecheryaya Moskva  
Sum 71

AID P - 1359

Subject : USSR/Engineering

Card 1/1 Pub. 78 /- 22/30

Author : Larchenko, I. F.

Title : Preheating of petroleum products in railroad tank cars.

Periodical : Neft. khoz., v.32, #12, 73-76, D 1954

Abstract : A new type of portable oil heater with steam semi-circular coils attached to the vertical collector pipes is described. The coefficient of heat transmission of this heater is about 65% higher than that of the conventional heater with continuous coils of the same diameter and total length. Two drawing and 7 Russian references (1941-53)

Institution: None

Submitted : No date

LARCHENKO, I. F.

Increasing the efficiency of heaters. Neft. khoz. 37 no.1:64-69 Ja  
'59. (MIRA 12:3)

(Heating)

LARCHENKO, I.F.; LARCHENKO, T.N.

Calculating pipe sizes for submerged heaters. Neft.khoz. 38  
no.2:60-64 F '60. (MIRA 13:8)  
(Heating pipes) (Petroleum--Transportation)



LARCHENKO, K.I.

25843. LARCHENKO, K.I. Razvitie i povedenie filloksery v zashehty. ot usloviy pitaniya. Trudy. Vsesoyuz. in-ta zashehty rasteniy, vyp. 2, 1949, S. 29-51

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

LARCHENNO, K. I.

26497 Zakonomernostii razvitiya ozimoy sovki (*Agrotis segetum schiff*). Izvestiya akad. nauk SSSR, Seriya Biol., 1949, No. 4. c. 470-94 - Bibliogr: c. 493-94

SO: LETOFIS' NO. 35, 1949

USSR / General and Special Zoology. Insects. P

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16213

Author : Larchenko K.I.

Inst : Not given

Title : Morphological Characteristics of Insect Metamorphosis. (Morfologicheskiye osobennosti metamorfosa nasekomykh.)

Orig Pub: Chteniya pamiati N. A. Kholodkovskogo, 1954-1955  
gg. M.-L. AN SSSR 1956, 24-31

Abstract: The fat tissue (FT) of the insect larvae growing under the most favorable conditions always develops successfully; only thus do the larvae pass into the adult stage. The FT of larvae growing under unfavorable feeding conditions is rather small or is completely absent. The less FT, the more there are free mesenchyme elements and cells of the blood, and vice versa. When the FT does not

Card 1/2

LARCHENKO, K.I.

Features of the ontogenesis of insects. Trudy Zool. inst. 23:5-214 '56.  
(MIRA 10:3)

(Insects--Development) (Ontogeny)

LARCHENKO, K. I.

Features of insect ontogeny [with summary in English]. Ent.oboz.35  
no.3:510-517 '56. (MLBA 9:10)

1.Zoologicheskiy institut Akademii nauk SSR, Leningrad.  
(Insects--Development)

LARCHENKO, K. I.

P

COUNTRY : USSR  
GENERAL & SPEC. ZOOLOGY, INSECTS, Harmful Insects and Mites.

ISSUE: Izv. Vuzovskoye Biologii, No. 2, 1958, No. 7040

AUTHOR : Larchenko, K. I.  
INSTITUTION : Academy of Sciences USSR  
TITLE : Nutritional Conditions and Diapause of the Colorado Potato Beetle (*Leptinotarsa decemlineata* Say).

ORIG. PUBL. : V sb.: Koloradsk. zhuk i mery bor'by s nim, 2. M., AN SSSR, 1958, 36-52

ABSTRACT : In the development and aging of potatoes, an increase of from 0.7 to 2.8 in the lipocytic coefficient (LC) in the leaves decreased the number of mature beetles of the summer generation from 100 to 0%, and their preparation for diapause from 50-90 to 5-20 days. An evaluation of the quality of the food on the basis of the LC, with consideration given to the temperature, humidity, and day

*Done*

*Done*

1/4

COUNTRY :  
CATEGORY : GENERAL & SPEC. ZOOLOGY. INSECTS

ABS. JOUR : Ref Zhur -Biologiya, No. 2 , 1959, No. 7040

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB.:

ABSTRACT : length provides basis for determining physiological preparedness of the diapausing beetles and their survival during hibernation. The preparedness of the beetles is connected with the fat and water contents in their bodies. The minimum preparedness is connected with feeding on leaves with a low LC in hot, dry weather after laying a significant quantity of eggs and a prolonged preparation for diapause (over two months).

CARD: 2/4

COUNTRY :

CATEGORY : GENERAL & SPEC. ZOOLOGY, INSECTS

ABS. JOUR.: Ref Zhur - Biologiya, No. 2, 1959, No. 7040

Author :

IND. :

TITLE :

ORIG. PUB.:

ABSTRACT : and the preparedness is associated with feeding on old leaves with high LC in cool, humid weather, with the exception of sexual maturation and a short (5-25) days preparation for diapause. The feeding conditions which eliminate sexual maturity and shorten the preparation for diapause are formed essentially at the end of the summer and in the autumn, but depending on the weather, the potato variety and the planting times

CARD : 3/4

42



P

COUNTRY : USSR  
 GENERAL & SPEC. ZOOLOGY, INSECTS . Harmful Insects  
 and Mites.

ABST. JOURN: Entomol. obozr., 2, 1959, no. 7037

Author : Larchenko, K.I.  
 INST. : Academy of Sciences USSR  
 TITLE : The Duration of Development of the Colorado  
 Potato Beetle (*Leptinotarsa decemlineata*  
 Say) in Relation to Temperature.

ORIG. FCN: V sb.: Koloradsk. zhok i very bor'by s nim,  
 2. M., AN SSSR, 1959, 81-92

ABSTRACT : The development of the Colorado potato beetle  
 (*Leptinotarsa decemlineata* Say) (CPB) from  
 egg to larva requires a sum of effective  
 temperatures of 330° (325-335°), calculated  
 at a threshold of 11.5° on the basis of average  
 ten-day temperatures. For development of the  
 egg a temperature of 50° is necessary, for the  
 larvae of the first and the second instars  
 35°, third 40°, fourth 70°, for the pupa 100°.

CASO : 1/3

COUNTRY :  
CATEGORY : GENERAL&SPEC.ZOOLOGY,INSECTS

ABS. JOUR : Ref Zhur -Biologiya, No. 2, 1959, No. 7037

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB.:

ABSTRACT : Feeding the larvae with leaves of other solanaceous plants does not essentially affect the amount of heat necessary for the entire cycle of development. A sum of effective temperatures of  $335^{\circ}$  was estimated for CPE in Spain in 1943 at the same threshold of development (11.5). Consequently the amount of heat necessary for the development of CPE is constant on any territory of its areal. The dependance of the phenological develop-

CARD:

2/3

COUNTRY : USSR P  
 CATEGORY : GENERAL & SPEC. ZOOLOGY. INSECTS - Harmful Insects  
 and Hiles.  
 ABS. JOUR : Ref Zhur - Biologiya, No. 2, 1959, No. 7041  
 Author : Larchenko, K.I.  
 INST. : Academy of Sciences USSR  
 TITLE : Forecasting the Development Periods for  
 the Colorado Potato Beetle (*Leptinotarva  
 decemlineata* Say).  
 ORIG. PUB.: V sb.: Koloradsk. zhuk i mery bor'by s nim,  
 S. M., AN SSSR, 1958, 95-105  
 ABSTRACT : A forecast of the development periods of  
 the Colorado potato beetle (CPB) in all  
 provinces of Poland in 1958 showed that the  
 sums of effective temperature, calculated  
 at the threshold of development of 11.5°  
 according to 10-day mean temperatures,  
 reflect with an exactness sufficient for  
 practice the dates at which the beetle  
 enters each stage and the number of gener-

CARD : 1/4

COUNTRY :  
 CATEGORY : GENERAL & SPEC. ZOOLOGY. INSECTS  
 ABS. JOUR : Ref Zhur - Biologiya, No. 2, 1959, No. 7041  
 AUTHOR :  
 INST. :  
 TITLE :  
 ORIG. PUB.:  
 ABSTRACT : ations. The emergence of the hibernated  
 beetles from the soil began in the first  
 spring ten-day period at the average 10-day  
 temperature of 12° and higher, and only in  
 isolated instances earlier, during the first  
 warm days at a mean daily temperature of  
 more than 11.5°. The advent of the first  
 egg laying, larvae of the first to the fourth  
 instars, pupae and beetles of the first  
 generations usually coincide with the dates :

COUNTRY :  
SUBJECT: GENERAL & SPEC. ZOOLOGY, INSECTS

ABS. JOUR.: Ref. Zhur - Biologiya, No. 2, 1959, No. 7041

AUTHOR :  
INSTIT. :  
TITLE :

ORIG. PUB.:

ABSTRACT : when the following sums of effective temperatures are reached:  $20^{\circ}$ ,  $80^{\circ}$ ,  $115^{\circ}$ ,  $190^{\circ}$ ,  $260^{\circ}$  and  $360^{\circ}$ , respectively. One generation develops when the sum of effective temperatures is  $360^{\circ}$ - $720^{\circ}$ , while two occur when the sum is greater than  $720^{\circ}$ . The annual deviations in the times of initial and mass occurrence of each stage and the presence of one or two generations makes it necessary to inspect and carry out extermination

CARD : 3/4

44

COUNTRY : USSR P  
SUBJECT : GENERAL & SPEC. ECOLOGY, INSECTS, Harmful Insects  
and Mites.  
ABS. SOUR.: Ref Zhur-Biologiya, No. 2, 1959, No. 7036  
Author : Larchenko, K.I.  
INSTIT. : Academy of Sciences USSR  
TITLE : Phenological Periods of Development of the  
Colorado Potato Beetle (*Leptinotarsa decem-  
lineata* Say) and Their Connection with \*  
ORIG. PUB.: Koloradsk. zhuk i mery ber'by s nim. 2. M.  
AN SSSR, 1958, 106-115  
ABSTRACT : The number of generations and the hatching  
times of the beetles, calculated with the  
sums of effective temperatures, reflect  
with great precision the actual growth in  
number and settling down of the Colorado  
potato beetle. (CPE). The greatest growth  
and concentration occur during the develop-  
ment of two generations, that is, during  
the early reproduction of the beetles and a  
\*Distribution and Population Change.  
CARD : 1/4

34

COUNTRY :  
CATEGORY :GENERAL & SPEC.ZOOLOGY.INSECTS

ABS. JOUR : Ref Zhur-Biologiya, 2, 1959, No. 7036

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB.:

ABSTRACT: second generation. An increase in the number of CPB also occurs during the development of a single summer generation. The number of generations and the hatching times of the beetles, calculated for a large territory under various temperature conditions make it possible to predict the distribution routes of the beetles in various zones of Poland. The infestation of new territory is possible, if the first summer generation in neighbouring districts hatches early and the

END: 2/4

SUBJECT :  
SUBJECT : GENERAL & SPEC. ZOOLOGY, INSECTS

REF. JOUR.: Ref. Jour. - Biologia, No. 2, 1959, No. 7036

Author :  
INST. :  
TITLE :

ORIG. PUB.:

ABSTRACT : weather and feeding conditions favour the maturing and the migration of the bees.  
Large-scale reproduction of CPB is possible, if for two years in succession or more the development of two complete generations or a single late one take place. The growth and the change in the number of CPB in various zones and provinces of Poland over a ten year period are closely related to the conditions of temperature and hatching times

CARD : 3/4

USSR / General and Specialized Zoology - Insects.

P

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 20881

Author : Larchenko, K. I.

Inst : Not given

Title : Peculiarities of Development and Propagation  
of the Mallow Moth (*Pectinophora malvella*,  
Hb.) Under Conditions of the Uzbek SSR

Orig Pub : V sb.: Materialy Ob"yedin. nauchn. sessii po  
khlopkovodstvu. T.2. Tashkent. Gosizdat.  
UzSSR, 1958, 321-325

Abstract : *Pectinophora malvella* (PM) on wild mallow  
has long been known in Uzbekistan, with the  
exception of Khorezm and Kara-Kalpak regions.  
In 1936-1952 in the wastes of cotton gins,  
there were discovered only 1-4 caterpillars  
of the moth during 1936-1939. On the wild

Card 1/3



USSR / General and Specialized Zoology - Insects.

P

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 20881

moth in the foci of their mass propagation in the Tashkentskaya Oblast', shows that the mallow moth is encountered in great numbers. So far, the reasons for the moving of the mallow moth from the wild mallow to cotton are unknown. It is necessary to study the dependence of the mallow moth on its basic feed plant. Theoretically, the transfer of the moth from the wild mallow to cotton could happen (and did happen in the Norshenskiy Rayon of Azerbaydzhan and in Armenia) under the influence of cooler weather. -- A. P. Adrianov

Card 3/3

SKARRE, O.K.; TERESHKEVICH, M.C.; KURTOVA, T.S.; LARCHENKO, L.N.

Effect of the nature of cation on the mobility of oxygen  
atoms in anion in aqueous solutions. Part 3. Zhur. fiz. khim.  
37 no.4:879-881 Ap '63. (MIRA 17:7)

1. Dnepropetrovskiy gosudarstvennyy universitet.

ACC NR: AP6035834 (A,N) SOURCE CODE: UR/0413/66/000/020/0037/0037

INVENTOR: Dregval', G. F.; Samuilov, A. M.; Larchenko, L. N.

ORG: none

TITLE: Preparation of phosphonylcholine analogs. Class 12, No. 187021  
[Announced by Donetsk Branch of the All-Union Scientific Research Institute of Chemical Reagents and High Purity Chemicals (Donetskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh reaktivov i osobo chistykh khimicheskikh veshchestv)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 37

TOPIC TAGS: pesticide, phosphonylcholine analog, *phosphate, propanol*

ABSTRACT: To obtain phosphonylcholine analogs with pesticidal properties, e.g., phosphates of 1-propylamino-2-propanol, dialkyl chlorophosphates are treated with 1-propylamino-2-propanol alkoxides.

[WA-50; CBE No. 14]

[PS]

SUB CODE: 07/ SUEM DATE: 29May65

Card 1/1

UDC: 547.26'118.07

BELYAKOV, P.K., gornyy inzh.; LARCHENKO, M.B., gornyy inzh.; SHAPOVAL, N.A.,  
gornyy inzh.; PETRENKO, Ye.V., kand.tekhn.nauk

Controlling roofs by complete caving with mechanized knocking-out  
of supports. Ugol' Ukr. 7 no.6:14-15 Je '63. (MIRA 16:8)

1. Artemovskiy ugol'nyy kombinat.

Name: LARCHENKO, Mikhail Grigor'yevich

Dissertation: Formation and development of realism  
in the Belorussian literature of the  
19th Century

Degree: Doc Philological Sci

Affiliation: [not indicated]

Defense Date, Place: 27 Dec 55, Council of Belorussian  
State U imeni Lenin

Certification Date: 30 Jun 56

Source: BMVO 5/57

ZAYTSEVA, N., studentka; LARCHENKO, N., studentka

Accuracy of the solution of poorly conditioned systems of linear algebraic equations. Trudy MIIZ no.10:173-186 '60. (MIRA 16:12)

1. Moskovskiy institut inzhenerov zemleustroystva.

LARCHENKO, N.T.

Case of hyperchromic anemia in a patient with artificial esophagus following caustic soda poisoning. Terap. arkh. 26 no.2:77-79  
Mr-Apr '54. (MLRA 7:8)

1. Iz 1-y terapevticheskoy kliniki (dir. prof. B.A.Chernogubov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.V.Vladimirskogo.

(ESOPHAGUS, stenosis,

\*caustic, surg., artif. esophagus, postop. hyperchromic anemia)

(ANEMIA, HYPERCHROMIC,

\*after surg. form. of artif. esophagus in caustic stenosis)

LARCHENKO, N.T.; YUDIN, Yu.g.

Lethal outcome in bronchial asthma. Trudy mol. nauch. sotr.  
MONIKI no.1:178-181 '59 (MIRA 16:11)

1. Iz 2-y terapevticheskoy kliniki (zav.prof. N.A. Al'bov)  
i patologo-anatomicheskogo otdela (zav. prof. S.B. Vaynberg)  
Moskovskogo oblastnogo nauchno-issledovatel'skogo kliniches-  
kogo instituta imeni Vladimirskego.

\*



L 31281-65 EWT(d)/IJP(c)  
ACCESSION NR: AR5004810

S/0044/64/000/011/B118/B118

SOURCE: Ref. zh. Matematika, Abs. 11B508

15  
B

AUTHOR: Larchenko, N. Ya.

TITLE: On conditionality criteria for matrices and the accuracy of solutions of systems of normal equations

CITED SOURCE: Tr. Mosk. in-ta inzh. zemleustroystva, vyp. 22, 1964, 57-65.

TOPIC TAGS: matrix function, approximation method, normal equation, conditionality criterion

TRANSLATION: It is noted that the conditionality of matrices of systems of normal equations is connected with the vanishing of the significant figures on the left when approximate numbers that are close to one another are subtracted. It is shown that in the case

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1/3

L 31281-65

ACCESSION NR: AR5004810

of a poorly conditional system, the influence of the irreducible error and the accumulation of round-off errors increase greatly. Methods are analyzed for determining the conditionality of matrices by calculating a normalized determinant, by calculating the Turing and Todd numbers. It is noted that a normalized determinant does not give a quantitative characteristic of the influence of the conditionality of matrices on the accuracy of the solution. The conditionality numbers make it possible to distinguish between a well conditioned system and a purely conditioned one, but are insufficiently sensitive to reflect the degree of conditionality. Assumption made is...

ciently sensitive to reflect the degree of conditionality. The as-  
sumption made is confirmed by means of examples. It is shown that  
a more correct idea of the degree of conditionality can be obtained  
by calculating the angles between hyperplanes. A quantitative con-  
nection is established between this criterion of conditionality and  
the loss of significant figures when solving a system by the Gauss  
method. Corresponding recommendations are made with respect to  
expanding equations in poorly conditioned systems. Bibliography,

Card      2/3

L 31281-65

ACCESSION NR: AR5004810

5 titles. Ye. I.

SUB CODE: MA

ENCL: 00

Card

3/3

KRAVCHENKO, A.A.; PASTERNAK, A.Ye.; LARCHENKO, R.M.; SOKOLOVA, L.I.

Diseases of the upper respiratory tract and ears in workers  
at the Serpukhov textile mills. Gig. i san. 24 no.6:48-51  
Je '59. (MIRA 12:8)

1. Iz Moskovskogo oblastnogo nauchno-issledovatel'skogo kliniche-  
skogo instituta imeni Vladimirovskogo, Moskovskogo nauchno-issledov-  
vatel'skogo instituta sanitarii i gigiyeny imeni F.F.Erismana  
i ob"yedinennoy bol'nitsy imeni Semashko Serpukhova.

(OCCUPATIONAL DISEASES

ear & upper resp. tract dis. in textile workers (Rus))

(EAR, dis.

occup., in textile workers (Rus))

(RESPIRATORY TRACT, dis.

same)

LARCHENKO, R.M.

Abscesses of the nasal septum in children. Vest. otorin. 23  
no. 2:46-49 F '61. (MIRA 14:4)

1. Iz kafedry bolezney ukha, nosa i gorla (zav. - prof. I.I. Scherbakov) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.  
(NOSE—DISEASES)

LARCHENKO, I.F.; LARCHENKO, T.N.

Calculating pipe sizes for submerged heaters. Neft.khoz. 38  
no.2:60-64 F '60. (MIRA 13:8)  
(Heating pipes) (Petroleum--Transportation)

VASIL'YEV, Yu.K., kand. tekhn. nauk; RYBAN'CHENKO, Yu.I.; LARCHENKO, V.I.

Stepping-type reducing motors. Avtom. i prib. no.3:49-52  
J1-S '64. (MIRA 18:3)



VASIL'YEV, Yu.K., kand.tekhn.nauk; PROKOF'YEV, Yu.A.,kand.tekhn.nauk;  
RYBAL'CHENKO, Yu.I., inzh.; LARCHENKO, V.I., inzh.

Stepping reducer motors and semigraphical method for their  
design. Elektrotehnika 36 no.12:11-16 D '65. (MIRA 19:1)

L 35840-66 EWT(1)

ACC NR: AP6015344

SOURCE CODE: UR/0119/66/000/005/0024/0026

AUTHOR: Vaynberger, G. Ya. (Engineer); Vasil'yev, Yu. K. (Candidate of technical sciences); Karpenko, B. K. (Candidate of technical sciences); Kabkov, G. Ya. (Engineer); Larchenko, V. I. (Engineer); Rybal'chenko, Yu. I. (Engineer) u1  
B

ORG: none

TITLE: Stepping motors *ga*

SOURCE: Priborostroyeniye, no. 5, 1966, 24-26

TOPIC TAGS: stepping motor, micromotor, servomotor / RShD gear stepping servomotor, EShD stepping servomotor 26

ABSTRACT: A very brief description is supplied of (1) RShD reactive-rotor gear stepping motor intended for smaller steps and higher speeds and (2) EShD

Card 1/2

UDC: 621.313.13 - 133.4

L 35840-66

ACC NR: AP6015344

permanent-magnet-rotor two-stator stepping motor intended for larger steps, higher torques, and quick response. They were developed in the Kiev Institute of Automatics. An RShD-10-FD-IV motor is intended for operation at a fixed frequency of  $100 \pm 2$  cps; it is equipped with an electromagnetic detent and a damper. Technical characteristics of eight RShD and five EShD types are tabulated. The RShD types have: maximum static torque, 140-4500 g·cm; maximum operating speed, 100-3500 steps per sec; power consumption, 13-300 w. The EShD types have: maximum static torque, 1000-18000 g·cm; maximum operating speed, 500-1600 steps per sec; power consumption, 250-1000 w. Orig. art. has: 3 figures, 2 formulas, and 1 table.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 004

*ns*  
Card 2/2

L 08991-67

ACC NR: AP6012114

(A, N)

SOURCE CODE: UR/0413/66/000/007/0027/0027

AUTHOR: Larchenko, V. I.

27

ORG: none

TITLE: An eight-phase step electric motor. Class 21, No. 180240

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 7, 1966, 27

TOPIC TAGS: electric motor, magnetic field intensity

ABSTRACT: This Author Certificate presents an eight-phase step electric motor. The motor includes a winding-free symmetrical toothed rotor and a winding formed by coils located on the eight-pole nonsymmetrical toothed stator. The design reduces the forces of the uniaxial magnetic stress. The coils which pertain to the adjacent phases are displaced in respect to one another by  $3/4 \pi$  geometrical degrees.

SUB CODE: 09/ SUBM DATE: 22Jul64

Card 1/1 nst

UDC: 621.313.13-133.3.025.4

GERSHOV, M.M.; AVGUSTAYTIS, L.M.; KRAUKLE, A.Ya.; IARCHENKO, Y.P.

Dyeing rayon bands in light colors with continuous variation of  
shades. Leg. prom. 18 no.5:52-53 My '58. (MIRA 11:6)  
(Dyes and dyeing--Rayon)

LARCHENKO, YE. G.

AID P - 854

Subject : USSR/Astronomy  
Card 1/1 Pub. 8 - 13/13  
Author : Khrenov, L. S.,  
Title : Review  
Periodical : Astron. zhur., v. 31-5, 487-488, S-0 1954  
Abstract : A general favorable review of the book The Technique of Calculations by Larchenko, Ye. G.  
Institution : None  
Submitted : No date

GAN'SHIN, Vladimir Nikolayevich; KHRENOV, Leonid Sergeyevich; ~~LARCHENKO, Ye.G.,~~ redaktor; ARNOL'DOVA, K.S., redaktor; KOLESNIKOVA, A.P., ~~tekhnikheskiy~~ redaktor.

[Tachymetric tables for the calculation of vertical and horizontal distances in working with circular tachymeters and plane-table alidades] Takheometricheskie tablitsy dlia vychisleniia prevysheni i gorizontaI'nykh prolozhenii pri rabote s krugovym takheometrom i kipregelem. Izd. 2-e, perer. Moskva, Goslesbumizdat, 1955. 247 p. (Tachymeter) (Stadia measurements) (MIRA 8:5)

GORDEYEV, A.V.; LARCHENKO, Ye.G.

Loss of precision in solving systems of normal equations by means  
of gradual elimination of unknowns. Sbor. st. po geod. no.9:109-  
116 '55. (MLRA 9:6)  
(Errors, Theory of) (Equations)



LARCHENKO, Ye.G.

Methods for increasing labor productivity in the operation of small  
calculating machines. Sbor.st.po geod. no.10:3-13 '55. (MLRA 10:2)  
(Calculating machines)

LARCHENKO, Ye. G.

GORDEYEV, A.V.; LARCHENKO, Ye.G.

Using M.M.Lavrent'ev's formulas for determining the accuracy of  
normal equation solutions. Shor.st.po geod.no.10:55-61 '55.  
(Equations, Linear) (MLRA 10:2)

LARCHENKO, Yefim Gerasimovich; ~~GORDEYEV, A.V.~~, redaktor; INOZEMTSEVA, A.I.,  
~~redaktor izdatel'stva~~; KUZ'MIN, G.M., tekhnicheskii redaktor

[Mechanization of the computing work] Mekhanizatsia vychislitel'nykh  
rabot. Moskva, Izd-vo geodez. lit-ry, 1956. 299 p. (MLRA 10:4)  
(Calculating machines) (Mathematical instruments)

LARCHENKO, Ye.G., kandidat tekhnicheskikh nauk.

Methods and processes for solving direct and inverse geodetic problems  
on a plane. Geod. i kart. no. 1:59-64 Mr '56. (MIRA 9:10)  
(Geodesy)

LARCHENKO, Ye.G., kandidat tekhnicheskikh nauk.

Effectiveness and accuracy of tables of natural values of trigonometrical  
functions. Geod. i kart. no.3:36-40 My '56. (MLRA 9:10)  
(Trigonometrical functions)

LARCHENKO, Ye.G., kandidat tekhnicheskikh nauk; PAVLOV, V.P.

Answers to readers' questions. Geod. i kart. no.8:66-70 0 '56.

(MIRA 10:1)

(Surveying)

LARCHENKO, YE. G.

AUTHOR:

None given

6-10-11/12

TITLE:

Criticisms of the Book by Ye.G.Larchenko "Mechanization of Computation Work" (Iz otzyvov na knigu Ye.G.Larchenko "Mekhanizatsiya vychislitel'nykh robot")

PERIODICAL:

Geodeziya i Kartografiya, 1957, Nr 10, pp 74-79 (USSR)

ABSTRACT:

Many opinions on the book were received by the editorial office but, on account of lack of space, only the most important critical remarks are mentioned here. Essentially, the book is well received. It is written in plain language, and, at the same time, scientifically exact. In spite of this fact a number of errors is pointed out. Besides purely technical and mathematical errors, some errors made with respect to historical data are pointed out. Fault is also found with respect to the omission of the most important works in this field in the attached bibliographical index. There are 2 references.

AVAILABLE:

Library of Congress

Card 1/1

LARCHENKO, Ye. G.

SOV/2028

PHASE I BOOK EXPLOITATION

3(4)

Maslov, Aleksey Vasil'yevich, Yefim Gerasimovich Larchenko, Aleksandr Vasil'yevich Gordeyev, and Nikolay Nikolayevich Aleksandrov

Geodeziya, ch. 1 (Surveying, pt. 1) Moscow, Geodezizdat, 1958. 510 p.  
13,000 copies printed. Errata slip inserted.

Ed.: A. V. Maslov; Ed. of Publishing House: A. I. Inozemtseva;  
Tech. Ed.: V. V. Romanova,

PURPOSE: This text is intended for the practical use of land surveyors and for students in vuzes specializing in land use sciences.

COVERAGE: The book is the first part of a three-part intensive course in surveying. It covers, in considerable detail, the fundamentals of plane surveying and cartography, especially in relation to agricultural uses. There is also an introduction to geodetic surveying. The text contains not only detailed

Card 1/20



LARCHENKO, Ye. G.

The Tendencies in the Development of Computation Techniques in the USSR and Abroad."

report presented at the Regular Sci. Conf. on Soil Sci., Geodesy and Aerophotogeodesy, at the MIIE (Moscow Inst. for Sci. Engineering, 28-31 Jan 1958.

3(4)

AUTHOR: ~~Larshenko, Ye. G.,~~ Docent, Candidate of SOV/154-58-5-5/18  
Technical Sciences

TITLE: On Tables for the Calculation of Increments of Rectangular  
Coordinates and for the Solution of Inverse Surveying  
Problems With the Help of an Arithmometer With Control  
( O tablitsakh dlya vychisleniya prirashcheniy pryamougol'-  
nykh koordinat i resheniya obratnykh geodezicheskikh zadach  
na arifmometre s kontrolem)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aero-  
fotos"yemka, 1958, Nr 5, pp 43 - 52 (USSR)

ABSTRACT: This paper includes five-place tables and methods of cal-  
culation by utilizing these tables, which were tested in  
1956 .. 1957, with the collaboration of I. G. Lishchinskiy,  
T. A. Kuskova, Students, Diploma Candidates at the MIIZ,  
and of I. P. Sergeyev, Surveying Engineer. The model table  
was examined in the TsNIIGAIK in May 1957 and was found  
to meet expectations. Such tables are considered to be very  
applicable and to represent the most accurate set among  
all five-place tables of this kind. They offer a controllable

Card 1/2

On Tables for the Calculation of Increments of Rectangular SOV/154-58-5-5/18  
Coordinates and for the Solution of Inverse Surveying Problems With the  
Help of an Arithmometer With Control

means of calculating increments and to solve inverse surveying problems in a plane. As compared to the tables of I. F. Bulekov these tables have the advantage of offering a more comprehensive control of increment calculations. The first part of the tables takes up 23 pages and includes all values of the three trigonometric functions  $\cos \alpha$ ,  $\sin \alpha$ ,  $\cos \alpha - \sin \alpha = \sqrt{2} \cdot \cos (\alpha + 45^\circ)$  for angles  $\alpha$  from  $0^\circ$  to  $90^\circ$ . Each page features nomograms for the determination of the second corrections. The second part of the tables covers 4 pages containing the values of square roots with five correct places. Sample problems are attached to show the calculation of increments and the solution of inverse problems with the help of these tables. There are 3 tables and 2 Soviet references.

ASSOCIATION: Moskovskiy institut inzhenerov zemleustroystva (Moscow  
Institute of Commassation Engineers)  
SUBMITTED: March 10, 1958  
Card 2/2

3(4)

PHASE I BOOK EXPLOITATION

SOV/2767

Larchenko, Yefim Gerasimovich

Pyatiznachnyye tablitsy dlya resheniya geodezicheskikh zadach na arifmometre  
(Five-Place Tables for Solving Geodetic Problems With an Arithmometer)  
Moscow, Geodezizdat, 1959. 49 p. Errata slip inserted. 15,000 copies  
printed.

Ed.: M.Ye. Nekhoroshev; Ed. of Publishing House: T.A. Shamarova;  
Tech. Ed.: V.V. Romanova.

PURPOSE: This booklet is intended for geodesists.

COVERAGE: The tables in this booklet contain the natural values of trigonometric  
functions of  $\cos \alpha$ ,  $\sin \alpha$  ( $\cos \alpha$ ,  $\sin \alpha$ ) to the fifth decimal place and values  
of square roots. The tables are intended to aid in computing increments  
of right angle coordinates and the solution of inverse geodetic problems on  
an arithmometer. The explanatory text accompanying the tables provides examples  
for computing increments of coordinates, the solution of inverse geodetic problems  
problems,

Card 1/3

Five Place Tables for Solving (Cont.)

SOV/2767

the computation of intersects and resections, and linear intersects. A supplement contains four nomograms of formulas having general application in mathematical treatment of theodolite measurements and the solution of resections. No personalities are mentioned. No references are given.

TABLE OF CONTENTS:

	Explanation of the Tables	
Computing increments		4
Solving an inverse geodetic problem		5
Computing intersects		7
Computing resections		9
Computing linear intersects		12

Card 2/3

3(4)

SOV/6-59-2-12/22

AUTHORS:

Larchenko, Ye. G., Candidate of Technical Sciences,  
Lishchinskiy, I. G.

TITLE:

On the Use of Nomographs for Large-scale Recordings (1 : 1000,  
1 : 2000, 1 : 5000) (O primeneni nomogramm pri s"yemkakh v  
krupnykh mashtabakh (1 : 1000, 1 : 2000, 1 : 5000))

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr.2, pp 56-60 (USSR)

ABSTRACT:

In this paper two nomographs are shown which were recorded for the formulas (1) and (2) according to the logarithmic anamorphosis and points of adjustment. These formulas are applied to the calculation of exceedings and corrections of longitudes of lines measured by means of a telemeter, because of the inclination to the horizon. For distances of 10 - 250 m and inclination angles of 1' - 20° combined net nomographs can be recorded simultaneously for both formulas (1) and (2). The nomograph covers 8 sheets, one of them being shown here. Tachometric tables for arguments within the same limits cover at least 150 pages of the size used in this case. In figure 2 the nomograph of the points of adjustment for the formulas (1) and (2) is shown, by means of which also the exceedings h and the

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SOV/6-59-2-12/22

On the Use of Nomographs for Large-scale Recordings (1 : 1000, 1 : 2000,  
1 : 5000)

corrections  $\Delta s$  can be determined simultaneously because of reduction of the distances to the horizon measured by means of a telemeter. The principal advantage of these nomographs as compared to those which have been used till now (the most precise of which being that developed by Professor V. N. Vysotskiy) consists in the fact that according to the nomographs shown in this paper the values of the exceedings  $h$  and the corrections  $\Delta s$  can be obtained due to the inclination of lines, i.e. at a position of the line which solves the problem. - The nomograph atlases compiled by N. I. Modrinskiy, F. F. Pavlov, and D. Ye. Levit were very useful, but are not very comfortable in field work. There are 2 figures and 8 references, 6 of which are Soviet.

Card 2/2

LARCHENKO, Ye.G.

Tables of natural values of trigonometric functions. Trudy  
Inst.fiz.1 mat.AN BSSR no.3:250-256 '59. (MIRA 13:4)  
(Trigonometrical functions)



SOV/154-59-4-14/17

3(4)

AUTHOR:

Larchenko, Ye. G., Doctor of Technical Sciences

TITLE:

On "The Teaching Device for the Calculation of Coordinates and Heights of Bench Marks" by S. G. Morozkov, M. M. Izvekov, V. F. Pavlov, A. A. Pchelina (O "Posobii po vychisleniyu koordinat i vysot opoznakov" avtorov S. G. Morozkova, M. M. Izvekova, V. F. Pavlova, A. A. Pcheliny). (Publishers of Geodetic Literature, Moscow, '957) (Izdatel'stvo geodezicheskoy literatury, M., 1957)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos" - yemka, 1959, Nr 4, pp 115 - 122 (USSR)

ABSTRACT:

At the end of 1957 the second revised and supplemented edition of the teaching device for the calculation of coordinates and the height of bench marks was published. It is meant for land surveyors and topographers who develop surveying grids in the scales of 1/25000 and 1/10000. The book is a valuable device but it shows a number of shortcomings which are dealt with in detail in the present paper. Recommendations are given which should be taken into consideration in the new edition. The edition of 6000 copies is already sold out. There are 3 figures, 4 tables, and 5 Soviet references.

Card 1/2

On "The Teaching Device for the Calculation of  
Coordinates and Heights of Bench Marks" by S. G. Morozkov, M. M. Izve-  
kov, V. F. Pavlov, A. A. Pchelina. (Publishers of Geodetic Literature,  
Moscow, 1957) SOV/154-59-4-14/17

ASSOCIATION: Moskovskiy institut inzhenerov zemleustroystva (Moscow  
Institute for Land Survey Engineers)

SUBMITTED: June 28, 1958

Card 2/2

LARCHENKE, YE. G.

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3 (4)  
 AUTHOR: None Given  
 SOY/6-59-5-24/26

TITLE: Chronicle (Khronika)

PERIODICAL: Geofiziya i kartografiya, 1959, Br 5, p 76 (USSR)

ABSTRACT: From March 17, to 20, 1959, the regular conference was held at the Moskovskiy institut inzhenerov zemleustroystva (Moscow Institute of Land Survey Engineers). The conference was attended by about 400 representatives of schools, scientific research institutes, and various production organizations. In the plenary assembly, the following papers were read: Professor S. A. Udaohin, Corresponding Member of the VAKHNIL (All-Union Academy of Agricultural Sciences ineni V. I. Lenin), "Tasks of Land Survey and Land Survey Science in the Light of the Resolutions of the 21st Party Congress of the CPSU." A. T. Panfilov, Representative of the Ministerstvo sel'skogo khozyaystva SSSR (Ministry of Agriculture of the USSR), "Basic Problems of Land Survey in the USSR." Professor N. Y. Dochkov "Problems of Registration and of the Investigation of Soils in the Kolkhoz." In the Land Survey Section, 10 papers were read. - In the Geodetic Section, the following papers were read:

Card 1/2

Ye. G. Larchenke, Doctor of Technical Sciences, "On the Approximation Method for the Estimation of the Accuracy of Calculation Results." Yu. V. Kennits, Candidate of Technical Sciences, "New Patterns for the Solution of Normal Equations" - M. Kh. Musafarov, Candidate of Technical Sciences, "Employment of the Indications of the Radio Altimeter for the Compilation of Approximately Oriented Photographic Maps." Ya. I. Gubgart, Candidate of Technical Sciences, "Production of Plans by the Aid of a Compiling Device." M. M. Pazel'skiy, Engineer of the Tsentral'noye predpriyatiye sel'khozmasros'yanski (Central Establishment for Agricultural Aerial Photography), "Experience Gained in the Production of Plans of a Mountainous Terrain for Agricultural Purposes, with the Employment of Topographical Maps." - Ya. I. Turovskiy, Candidate of Technical Sciences, and Post-Graduate Student K. A. Zykov "On the Application of the Radio-geodetic System of the TSENTRALNIY (Central Scientific Research Institute of Geodesy, Aerial Survey and Cartography) to Aerial Photography." - Headmaster F. M. Tmachev "Chances of the Use of a Leveling Instrument With a Self-adjusting Line of Sight in Geodetic Work for Agriculture."

Card 2/2

ANGELOV, Serafim Alekseyevich; LARCHENKO, Ye.G., red.; VASIL'YEVA, V.I.,  
red.izd-va; ROMANOVA, V.V., tekhn.red.

[Tables for the reduction of directions to a plane and the  
calculation of spherical excesses of triangles] Tablitsy re-  
duksii napravlenii na ploskost' i sfericheskikh izbytkov treu-  
gol'nikov. Moskva, Izd-vo geodez.lit-ry, 1960. 90 p.

(MIRA 13:6)

(Triangulation)

(Geodesy--Tables, etc.)

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AUTHOR: Larchenko, Ye. G., Doctor of Technical Sciences

S/154/60/000/01/007/017  
B007/B123

TITLE: An Analysis of Accuracy in Solving Systems of Normal Equations

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1960, Nr 1, pp 65-74 (USSR)

TEXT: Here, the analysis of accuracy in solving systems of normal equations with the aid of computers is investigated. The accuracy is analyzed by the number of decimal digits and significant digits in the components of the initial, equivalent, and elimination system. First the factors influencing the accuracy (for the determination of the unknown from systems of normal equations on computers by direct methods) are shown. For illustrating the explanations of accuracy in solving systems of normal equations, the values of the unknown and quadratic coefficients that are obtained in solving two poorly specified systems are given in tables 1 and 2. Here, a method for improving the solution of poorly specified systems is suggested. Although this method demands only slight additional calculations, it offers satisfactory results. It can be applied to any position of equations in the system. It is based on the calculation of deviations in the equations of the normal system. The method itself is well-known but has not yet been applied for improving the solution of poorly specified systems. It is

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An Analysis of Accuracy in Solving Systems of Normal Equations

~~66000~~ 69623  
S/154/60/000/01/007/017  
B007/B123

explained in detail. Poorly specified systems can be solved by means of the logical possibilities of an electronic computer with preset control using commands for a conditional transfer. When computing each individual quadratic coefficient of the equivalent system, the computer compares its relative error to the relative error previously fed into the computer. If the relative error obtained is smaller than the given one, the computer continues solving the problem according to the basic program. If, however, this error exceeds the given one, the computer makes a conditional transfer and finds the solution according to an additional program. Then, it returns to the operations provided by the basic program. The additional program can be set up e.g. according to a suggestion of S. G. Sharupich (Ref 6). Khaletskiy and the Polish astronomer and mathematician T. Banakhevich (Ref 7) are mentioned. There are 3 tables and 7 Soviet references. ✓

ASSOCIATION: Moskovskiy institut inzhenerov zemleustroystva (Moscow Institute of Land Survey Engineers)

Card 2/2

LARCHENKO, Ye.G., doktor tekhn.nauk

"Calculating machines. Pt. 1: Keyboard calculating machines"  
by V.N.Riazankin, G.P.Evstigneev, N.N.Tresviatskii. Reviewed by  
E.G.Larchenko. Izv.vys. ucheb. zav.; geod. i aerof. no.5:135-  
140 '60. (MIRA 13:12)

1. Moskovskiy institut inzhenerov zemleustroystva.  
(Calculating machines)  
(Riazankin, V.N.) (Evstigneev, G.P.)  
(Tresviatskii, N.N.)

GAN'SHIN, Vladimir Nikolayevich; KHRENOV, Leonid Sergeyeovich, prof.;  
LARCHENKO, Ye.G., red.; MEL'NIKOVA, A.G., red. izd-va;  
~~PARAKHINA, N.L., tekhn. red.~~

[Tachymetric tables for calculating heights and ground distances  
using a circular tachymeter and alidade] Takheometricheskie tab-  
litsy dlia vychislenii prevysheni i gorizonta'nykh prolozhenii  
pri rabote s krugovym takheometrom i kipregelem. Izd.3., dop.  
Moskva, Goslesbumizdat, 1961. 251 p. (MIRA 15:1)  
(Surveying--Tables etc.)



GAN'SHIN, Vladimir Nikolayevich; KHRENOV, Leonid Sergeyeovich, prof.:  
LARCHENKO, Ye.G., red.; VASIL'YEVA, V.I., red. izd-va;  
ROMANOVA, V.V., tekhn. red.

[Tables for geodetic leveling] Tablitsy dlia geodezicheskogo  
nivolirovaniia. Moskva, Izd-vo geodes. lit-ry, 1961. 132 p.  
(MIRA 15:2)

(Surveying--Tables, etc.)

LARCHENKO, Yefim Gerasimovich; SHURYGINA, A.I., red.izd-va; ROMANOVA,  
V.V., tekhn. red.

[Five-place tables for solving geodetic problems] Piatiznachnye tablitsy dlia reshenia geodezicheskikh zadach. Izd.2.,  
perer. i dop. Moskva, Gosgeoltekhizdat, 1963. 82 p.

(MIRA 16:6)

(Geodesy--Tables, etc.)

MASLOV, Aleksey Vasil'yevich; LARCHENKO, Yefim Gerasimovich;  
GORDEYEV, Aleksandr Vasil'yevich; ALEKSANDROV, Nikolay  
Nikolayevich; Priginal uchastiye BATRAKOV, Yu.G.;  
ZUBRITSKIY, I.V., **prof.**, **retsenzent** [deceased];  
VASIL'YEVA, V.I., red.izd-va; ROMANOVA, V.V., tekhn. red.

[Geodesy] Geodeziia. [By] A.V.Maslov i dr. Moskva, Izd-vo  
"Nedra." Pt.1. 1964. 490 p. (MIRA 17:4)

1. Zaveduyushchiy kafedroy geodezii Belorusskoy sel'skokho-  
zyaystvennoy akademii (for Zubritskiy).

MIKHNEVICH, Grigoriy Vasil'yevich, dots.; RYAZANOV, Viktor Pavlovich, dots.; SIBIRYAKOVA, Aleksandra Dmitriyevna, dots. Prinimali uchastiye: BĀTRAKOV, Yu.G., dots.; VITMAN, A.I., dots.; YUNOSHEV, L.S., aspirant; KOROBOCHKIN, M.I., assistant; NEKHOROSHEV, M.Ye., retsenzent; BOGOLYUBOVA, N.S., retsenzent; NIKOLENKO, N.F., retsenzent; CHERNUKHIN, L.S., retsenzent; NESHCHADIMOV, L.S., retsenzent; LARCHENKO, Ye.G., prof., red.

[Surveying] Geodeziia. Moskva, Nedra. Pt.2., 1964. 338 p.  
(MIRA 17:12)

1. Zamestitel' nachal'nika Upravleniya sel'skokhozyaystvennykh aerofotos"yemok (for Nekhoroshev). 2. Kafedra vysshey geodezii Omskogo sel'skokhozyaystvennogo instituta (for Bogolyubova, Nikolenko, Chernukhin, Neshchadimov).

LARCHENKO, Ye.G., doktor tekhn. nauk, prof.

Iterative method for determining the optimum points with reference to the given ones. Izv. vys. ucheb. zav.; geod. i aerof. no.2: 13-17 '65. (MIRA 18:10)

1. Moskovskiy institut inzhenerov zemleustroystva. Submitted Nov. 21, 1964.

LARCHENKO-DORON, N. T.: Master Med Sci (diss) -- "Reflex therapy of bronchial asthma using a suspension of bismuth carbonate on the nervous-receptor apparatus of the lungs". Moscow, 1959. 16 pp (Min Health RSFSR, Moscow Med Stomatological Inst), 250 copies (KL, No 17, 1959, 111)

LARCHENKO-DORON, N.T.

Pulmonary reflexes in the therapy of bronchial asthma. Trudy  
mol. nauch. sotr. MONIKI no.1:143-151 '59 (MIRA 16:11)

1. Iz 2-y terapevticheskoy kliniki (zav. prof. N.A.Al'bov)  
Moskovskogo oblastnogo nauchno-issledovatel'skogo kliniches-  
kogo instituta imeni Vladimirskego.

\*

LARCHENKO-DORON, N.T., kand.med.nauk

Treatment with sarcolysine of myelomic disease. Vrach.delo no.8:  
142-144 Ag '62. (MIRA 15:11)

1. Vtoraya terapevticheskaya klinika (zav. - starshiy nauchnyy  
sotrudnik L.P.Pressman) Moskovskogo oblastnogo nauchno-issledo-  
vatel'skogo klinicheskogo instituta imeni M.F.Vladimirskogo.  
(SARCOLYSINE) (MARROW--CANCER)



LARCHENKOV, A.Ya.; LYAL'OVICH, S.S.

Tarkhan horizon in the western Kopet Dagh of Turkmenistan. Izv.  
AN SSSR. Ser. geol. 25 no.12:92-94 D '60. (MIRA 13:11)

1. Turkmenskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
neftyanogo instituta goroda Nebit-Dag.  
(Kopet Dagh--Geology, Stratigraphic)

LARCHENKOV, A.Ya.

Miocene deposits of the western Kopet-Dag. Izv.AN Turk.SSR.Ser.  
fiz.-tekh., khim.i geol.nauk no.1:101-103 '61. (MIRA 14:8)

1. Turkmenskiy filial Vsesoyuznogo neftegazovogo nauchno-  
issledovatel'skogo instituta.  
(Kopet-Dag--Geology, Stratigraphic)

LARCHENKOV, A.Ya.

Correlation of the Miocene deposits of Krasnovodsk peninsula.  
Izv. AN Turk. SSR. Ser. fiz.-tekhn., khim. i geol. nauk no. 1: 118-120  
'62. (MIRA 16:12)

1. Turkmenskiy filial Vsesoyuznogo neftegazovogo nauchno-issledovatel'skogo instituta.

LARCHENKOV, A.Ya.

Prospects for finding oil and gas in Mesozoic fractured  
rocks in eastern regions of Turkmenistan. Neftegaz. geol.  
i geofiz. no.3:25-27 '63. (MIRA 16:8)

1. Turkmenskiy filial Vsesoyuznogo neftegazovogo nauchno-  
issledovatel'skogo instituta.

LARCHENKOV, A. Ya.

Onkophora beds of the Kulmach Range of Kopet-Dag. Izv. AN  
Turk. SSR. Ser. fiz.-tekhn., khim. i geol. nauk no.6:116-  
117 '61. (MIRA 15:3)

1. Turkmenskiy filial Vsesoyuznogo neftegazovogo nauchno-issle-  
dovatel'skogo instituta.  
(Kulmach range--Lamellibranchiata, Fossil)

LAZONEN, V. A.

"Importance of Living Conditions in the Improvement of Kholmogory Cattle." Cand Agr Sci, Moscow Order of Lenin Agricultural Acad Imeni K. A. Timiryazev, Moscow, 1955. (IL, No 17, Apr 55)

SO: Sum. No: 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

USSR/Farm Animals - Cattle

Q

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69323

Author : Larchin, V.A.

Inst : Vologda Dairy Institute

Title : Reaction of Kholmogory Cows of Various Constitutional Types to the Abrupt Changes of Weather Factors during the Period of Pasture Maintenance

Orig Pub : Tr. Vologod. molochn. in-ta, 1955, vyp. 13, 39-49

Abstract : No abstract.

Card 1/1

- 34 -

USSR / Farm Animals. General Problems

Q

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21422

Author : Larchin V. A.

Inst :

Title : The Effect of the Type of Constitution of the Organism upon the Increase of Milk Yield and Endurance of the Kholmogory Cattle (Vliyaniye tipa konstitutsii organizma na povysheniye molochnosti i vynoslivosti kholmogorskogo skota)

Orig Pub: Tr. Vologodsk. molochn. in-t, 1956, vyp. 14, 81-95

Abstract: During the last century, the Kholmogory cattle changed considerably: the average live weight of cows increased from 375 to 540 kg., the transverse length of the body - from 160 to 174 cm., the circumference of the breast from 175 to 191 cm., width of hind-quarters - from 54.5 to 61 cm., the circumference

Card 1/4

3



USSR / Farm Animals. General Problems

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21422

Abstract: of the udder - from 97 to 124 cm., etc. For every 100 feed units consumed, the milk yield increased by 40-45 kg.; for 1 kg. of weight increase in young cattle up to 6 months of age, the average expense of food decreased by 1-1-1/2 feed units. The milk yield of cows increased, on the average, from 1,000-1,200 to 3,920 kg., and in a better group, up to 4,430 kg. of milk. The biological resistance of animals to disease increased. The changes which occurred in the breed are conditioned by breed improvement work and by the raising of animals under definite type of feeding (low concentrate, moderate concentrate, voluminous, "dry" and succulent type). An experiment intended for the study of the effect of the feeding level (low concentrate, voluminous type of feed rations) upon the development and pro-

Card 2/4

USSR / Farm Animals. General Problems

Q

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21422

Abstract: sisted of heavy-weight, massive, highly productive animals, and the second one, composed of the lighter (breast circumference 23 cm. and body length 8 cm. smaller than in cows belonging to the first group) and yielding less milk (67% less). In the first group, 12% of the cows had tuberculosis, and in the second, 44%.

Card 4/4

LARCHIN, V., dots.

Improve Kholmogory cattle. Nauka i pered. op. v sel'khoz. 8 no.5:  
69-71 My '58. (MIRA 11:5)

1. Vologodskiy molochnyy institut.  
(Dairy cattle)

LARCHIN, V.A.

Significance of the line breeding of maternal families of the  
Kholmogory cattle for increased milk and butterfat production.  
Agrobiologia no. 3:432-435 My-Je '61. (MIRA 14:5)

1. Vologodskiy molochnyy institut.  
(Dairy cattle breeding)

LARCHINA, N., inzh.-tekhnolog

Consider our work as of primary importance...Obshchestv.pit.  
no.2:7-9 F '60.. (MIRA 13:6)

1. Leveberzhnyy trest stolovykh, Novosibirsk.  
(Novosibirsk--Restaurants, lunchrooms, etc.)

Larzenko, K.

POLAND/General and Special Zoology. Insects

2-2

Abs Jour : Rev Eur Biol., No 15, 1958, No 63950

Author : Larzenko K.

Inst :

Title : A Critical Review of the Literature on the Biology of the Colorado Beetle (*Leptinotarsa decemlineata* Say)

Orig Pub : Roczn. nauk rolniczych, 1957, 174, No 2, 187-230

Abstract : No abstract

Card : 1/1

LARCZENKO, K.

COUNTRY : POLAND  
CATEGORY : General and Specialized Zoology. Insects. Harmful Insects and Ticks  
RES. JOUR. : RZhBiol., No. 22 1958, No. 109808  
AUTHOR : Larczenko, K.  
INST. :  
TITLE : Feeding and Diapause of the Colorado potato Beetle  
ORIG. PUB. : Roczn. Nauk Rolniczych, 1957, A74, No.2, 207-214  
ABSTRACT : From the moment of hatching, beetles were kept in net-tates of various types and various plantain tissues. The leaves were analyzed for content of free water, fats and proteins. The beetles were observed for activity, fertility, onset of diapause, and dates of hibernation. It was shown that the physiological state of the beetles both in the period of active growth and during diapause depends on the composition of the potato leaves, which changes in the vegetation period. An index of these changes is the lipocytic coefficient,  
1/3

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COUNTRY :  
CATEGORY :

ORIG. PUB. : *Entomol., No. 1958, No.*

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : which determines the quantitative ratio of fat and protein substances. It changes, from the phase of biosynthesis of the potatoes until withering, from 0.9-1.7 to 2.0-2.6. Accordingly, there is an increase in the lipocytic coefficient in the body of the beetle from 1.4-1.7 in young beetles to 5.1-5.2 in the e ready for diapause. It comes on as a result of eat up them with a high content of lipoids, which entails accumulation of fats in the body of the beetles and causes changes in metabolism. Consequently, diapause is inevitable when the insects begin to age, especially at the end of summer and in the autumn. Probably, summer beetles

CARD:

23



COUNTRY :

CATEGORY :

ABS. JOUR. : RZhBiol., No. 1958, No.

AUTHOR :

INST. :

TITLE :

ORIG. PUB. :

ABSTRACT

: Search for the younger leaves. Feeding on leaves with a low lipocytic coefficient influences the maturation of females and the oviposition. The mortality among beetles during hibernation depends on their physiologic condition. Death of females laying eggs prior to diapause was considerably higher than mortality among females which did not lay eggs. -- from the author's summary.

CARD: 3/3

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LARELEN, P.N.

Chemistry - Study and Teaching

"Extracurricular study of chemistry." L.I. Rozina. Reviewed by P.H. Karelin.  
Khim. v shkole no. 2, 1952.

Monthly List of Russian Accessions. Library of Congress, November 1952. UNCLASSIFIED.

LARENKOV, A. P.

Yavdachenko, V. I., Koisman, G. F., and Larenkov, A.

USE OF BANICHESK QUARTZITES IN THE MANUFACTURE OF DINAS FOR COKE OVENS  
Ogneupory, 10 (7-8) 10-14 (1945)--The Banchesk quartzites contain  $\text{SiO}_2$  98.65,  $\text{Al}_2\text{O}_3 + \text{Fe}_2\text{O}_3 + \text{TiO}_2$  0.28,  $\text{CaO}$  0.56, and loss on ignition 0.24%. Refractoriness is  $1740^\circ$ , water absorption 1.3%, volume porosity 3.3%, bulk weight 2.54 gm./ $\text{cm}^3$ , and specific gravity 2.65. After laboratory firing at  $1460^\circ$ , water absorption was 4.2 to 3.2%, volume porosity 8.5 to 9.0%, bulk weight 2.29 gm./ $\text{cm}^3$ , and specific gravity 2.44 to 2.50. The quartzites were sorted to remove friable sandstone and then used in amounts of 20 to 25% with other quartzites to prepare Dinas suitable for metallurgical and coke ovens. It is possible to use these quartzites in amounts greater than 25% provided the fraction less than 0.088 mm. is 20 to 30%.

LARENKOV, A. P.

"Complete grinding of Dinas mixtures in the mixing rollers"

Ogneupory, No. 3, 1948