

PA 47/49T53

LEONT'YEV, I. F.

USSR/Medicine - Cancer, Tumors
Medicine - Protective Ferments,
Effect of

Jan/Feb 47

"Protective Ferments as Suppressors of Cancerous Tumors," I. F. Leont'yev, Moscow, 2 pp

"Uspekhi Sovrem Biol" Vol XXVII, No 1

Summarizes work of Mierhalten, Luther, Muhl, Medawar, and other German scientists. On basis of their work, concludes it is possible to state that injections of protective ferment solutions had a positive effect only in mice afflicted with ascitic cancer. Results were not satisfactory in other cases.

47/49T53

LEONT'YEV, I. F., PROF.

USSR/Biology - Blood Chemistry

Feb 51

"Type of Nervous System and Blood Chemistry," Prof
I. F. Leont'yev

"Priroda" No 2, p 69

Attempt to correlate the bromine content in the blood of asthenic sanguine, choleric, and phlegmatic dogs with their temperament failed except that the strong types showed a higher content than the asthenic. However, a definite relation between the bromine content in the blood of the dog and the age of the animal was established, this content diminishing with age.

213T15

29

CA LEONTYEV, L.

Preservation of sheep skins with brine. L. Leont'ev
Mysinnov Ind. S.S.S.R. 23, No. 1, 12 1971. The
equipment and method are described for treating sheep
and goat skins with brine followed by salting with fine salt.
A small amt. of Na fluorosulfate (F) is added to the brine
and either I or p-dichlorobenzol is added to the salt.
M. M. Piskun

LENTYEV, I., YAKOV, V.

Hides and Skins

Questions and answers Misc.ind.USSR 23 No. 3, 1952

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

LEONT'YEV, I.I.; LYUKSENBURG, M.S., kandidat tekhnicheskikh nauk, retsenzent;
CHERNOBYL'SKIY, G.I., inzhener, retsenzent; PAVLOV, S.A., doktor
tekhnicheskikh nauk, professor, spetsredaktor; IVANOVA, N.M.,
redaktor. DUBOVKINA, N.A., tekhnicheskiy redaktor

[Manual on processing hides] *Rukovodstvo po obrabotke kozhsyr'ia.*
Moskva, Pishchepromizdat, 1953. 158 p. [Microfilm] (MLRA 7:10)
(Leather industry)

LEONT'YEV, I.I.; ALEKSEYEV, N.F., retsenzent; ZHULIN, A.P., inzhener,
redakter; SEMENOVA, N.L., redakter; KISINA, Ye.I., tekhnicheskii
redakter.

[Guide to the processing of hides] Rukovedatvo po obrabotke
koshvennogo syr'ia. Pereizdanie. Moskva, Pishchepremisdat, 1955.
188 p. (Hides and skins) (MLRA 9:5)

CHUYANOV,.; VORONTSOV, S., inzhener; VOYNOVA, P., inzhener; LEONT'YEV, I.,
inzhener

What should be the equipment of a modern meat combine. Mias. ind.
SSSR 26 no.3:30-37 '55. (MIRA 8:9)

1. Glavnyy inzhener Moskovskogo myasokombinata (for Ghuyanov).
 2. Moskovskiy myasopererabatyvayushchiy zavod (for Vorontsov).
 3. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti (for Voynova).
 4. Glavnoye upravleniye myasnoy promyshlennosti (for Leont'yev)
- (Meat industry--Equipment and supplies)

Leont'yev, I.I.

TIMOKHIN, N.A., inzh.; LEONT'YEV, I.I., inzh.

New method of pig skinning with preliminary scalding of the carcass.
Leg. prom. 16 no.8:42-44 Ag '56. (MIRA 10:12)
(Hides and skins)

~~LEONT'YEV, I. A. Ansh.~~

Brining sheepskins. Mas. ind. SSSR 29 no.1:17-19 '58.

(MIRA 11:3)

(Hides and skins)

LEONT'YEV, Ivan Ivanovich, inzh.; SINITSYN, Konstantin Dmitriyevich, kand.
tekhn.nauk; SOKOLOVSKIY, M.S., insh., spetsred.; GRITSAY, H.P.,
insh., retsenzent; NOVOSELOVA, L.V., red.; SOKOLOVA, I.A., tekhn.red.

[Manual on leather and fur raw materials, hair, and bristle] Spra-
vochnik po kozhevennomu i mekhovomu syr'yu, volosu i shchetino.
Moskva, Pishchepromizdat, 1959. 605 p. (MIRA 13:3)
(Hides and skins)

LEONT'YEV, I. I. (Chauffeur, Sovkhoz "Novye Zelenki", Chervensk Raion, Minsk Oblast'),
and ZHARKIN, V. V. (Main Veterinary Surgeon).

"Disinfection of animal husbandry buildings by utilizing the automatic
liquid-manure distributor [sprayer]."

Veterinariya, Vol. 38, No. 4, 1961, p. 76.

ZHARKIN, V.V.; LEXIT'YEV, I.I., shofer.

Disinfection of livestock buildings using truck-mounted liquid manure spreaders. Veterinariia 38 no.4:76 Ap '61 (MIRA 18:1)

1. Glavnyy veterinarnyy vrach sovkhoza "Novyye Zelenki", Chervenskogo rayona, Minskoy oblasti (for Zharkin).
2. Sovkhoz "Novyye Zelenki", Chervenskogo rayona, Minskoy oblasti (for Lexit'yev).

LEONT'EV, I. I.

The manufacture of bent -pressed wheel rims from the pine and soft deciduous woods. Moskva, Goslesbumizdat, 1949. 94 n. (50-29838)

1. LECNT'YEV, I. I.
2. USSR (600)
4. Technology
7. Making bent-wood chairs from coniferous and deciduous soft woods. Moskva, Goslesbunizdat, 1952.

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

LEONT'YEV, Ivan Ivanovich; ABUGHOV, Leontiy Griger'yevich; KOROLEV, P.F.,
redaktor; DASHKOVA, Z.F., redaktor; VOLKHOVER, R.S., tekhnicheskii
redaktor.

[Bent-wood furniture production] Proizvodstvo gnutoi mebeli. Moskva,
Goslesbumizdat, 1954. 119 p. (MLRA 8:5)
(Furniture industry)

LEONT'YEV, I.I.; RAKIN, A.G.; SMOLENSKIY, K.I.

Industrial manufacture of parquet boards. Der.prom. 5 no.7:17-19
J1 '56. (Parquetry) (MIRA 9:9)

KALITEYEVSKIY, R. Ye.; LEONT'YEV, I.I.; IL'INSKIY, S.A.; SOROKIN, V.S.

Automatic lines for the production of planed lumber and parts.
Der.prom. 10 no.3:7-9 Mr '61. (MIRA 14:5)
(Woodworking industries) (Automatic control)

LEONT'YEV, J. I. . kand. tekhn. nauk

New developments in the manufacture of bent chairs. *Trudy*
10 no. 12:2-4 D '61. (MIRA 12)

1. Tsentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii
obrabotki drevesiny.
(Chairs)

LEONT'YEV, I.M.

Role of trichomonads in atrophic rhinitis of swine. Veterinariia
37 no.11:47 N '60. (MIRA 16:2)

1. Altayskaya nauchno-issledovatel'skaya veterinarnaya stantsina.
(Altai Territory--Trichomonas)
(Altai Territory--Swine--Diseases and pests)
(Nose--Diseases)

LEONT'YEV, K.L., glavnyy veterinarnyy vrach Pyschmugskogo rayona, Komstromskoy oblasti.

Use of SK-9 against eczema and scabies in swine. Veterinariia 33 no.4:
80 Ap '56. (Swine--Diseases)(Eczema)(Scabies) (MLRA 9:7)

LEONT'YEV, K. L. (Veterinary Surgeon, Pyschugsk Raion, Kostroma Oblast')

"Treatment of erysipelas in swine with antibiotics"

Veterinariya, Vol. 38, no. 10, October 1961, pp. 81-89

27.6100

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S/044/62/000/007/095/100
C111/C333

AUTHORS: Leont'yev, K. L., Lerner, A. Ya., Oshanin, D. A.

TITLE: On some problems of examining the system "Man and Automat"

PERIODICAL: Referativnyy zhurnal, Matematika, no. 7, 1962, 80-81,
abstract 7V396. ("Vopr. psikhologii," 1961, no. 1, 13-22)

TEXT: The activity of humans in automatic systems and in systems with manual control is discussed. It is emphasized that the human equipped with the most complicated and exact technics will continue to play the role of the principal link in modern systems, and that it is impossible to formulate and solve control problems properly if one limits himself to examining the technical aspects and neglects the psycho-physiological factors related to human participation in control operations. A speedy solution of the problems related to the question of the psycho-physiological properties and possibilities of humans can only be attained through mutual efforts by psychologists, physiologists, engineers and mathematicians. As results general principles for rational designing of control desks, signal boards and indicating appliances should be obtained. The authors reduce the consideration of human factors to the construction of the desks, boards and indicators,
Card 1/2

L 13597-66

ACC NR: AP6001010

(A)

SOURCE CODE: UR/0286/65/000/022/0083/0083

AUTHORS: Kuznetsov, V. S.; Vikhman, V. S.; Leont'yev, K. L.; Zharov, N. A.

ORG: none

TITLE: Controllable light filter. Class 57, No. 176489

SOURCE: Byulleten' izobroteniy i tovarnykh znakov, no. 22, 1965, 83

TOPIC TAGS: light filter, electrooptic effect

ABSTRACT: This Author Certificate presents a controllable light filter consisting of a polarizer, an analyzer, and (between them) a set of anisotropic plates, e.g., of cellophane, having rotational dispersion. For inertialess control of the light pass band of the filter, the filter is provided with sheets, e.g., of ammonium dihydrophosphate capable of electrooptical effects. Transparent electrodes, to which the controlling voltage is supplied, are applied to the sheets, which are placed in front of the analyzer (see Fig. 1).

Card 1/2

UDC: 535.345.66

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L 13597-66

ACC NR: AP6001010

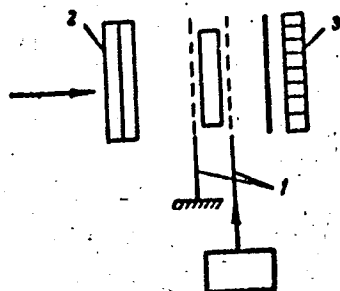


Fig. 1. 1 - Electrodes;
2 - polarizer; 3 - analyzer.

Orig. art. has: 1 diagram.

SUB CODE: 20/

SUBM DATE: 11Dec63

Card 2/2

L 24870-66 ENT(d)/ENP(v)/ENP(k)/ENP(h)/ENP(1)

ACC NR: AP6006373

SOURCE CODE: UR/0413/66/000/002/0107/0107

AUTHORS: Kuznetsov, V. S.; Vikhman, V. S.; Leont'yev, K. L.; Zharov, N. A.; Rez,
I. S.

46
B

ORG: none

TITLE: An automatic pyrometer of the spectral ratio. Class 42, No. 178146

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 107

TOPIC TAGS: automatic control technology, pyrometer, spectrum analyzer, precision instrument machinery

ABSTRACT: This Author Certificate presents an automatic spectral ratio pyrometer. The pyrometer contains a radiation receiver, an amplifier, an output signal commutator, and an indicator or a slave mechanism. The design shortens the pyrometer response time, increases the instrumental precision, and simplifies the scaling circuit of the pyrometer. The unit has an electro-optical system in the form of a rapid response dispersion light filter with an electro-optical crystal (see Fig. 1). This crystal is switched by an electronic commutator. The output of the circuit controlling the sensitivity of the radiation receiver (to normalize the

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Card 1/2

UDC: 536.521:621.383

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ACC NR: AP6006373

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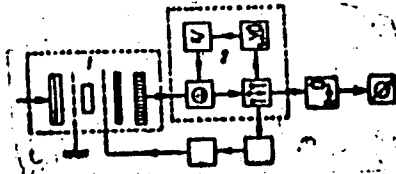


Fig. 1. 1 - rapid response controlled electro-optical light filter; 2 - circuit for controlling the sensitivity of the radiation receiver.

output signal) is connected to one of the outputs of the electronic commutator. The output of the sensitivity control circuit is connected to the outputs of the radiation receiver. Orig. art. has: 1 figure.

SUB CODE: 20,011/SUBM DATE: 06Jun64

Card 2/2 *dda*

LEONT'EV, Lev Abramovich, 1901-

Sketches on economic problems in a time of transition. Leningrad, Priboi 1927 375 p.

LEONT'EV, Lev Abramovich, 1901-

Soviet economy; textbook on theoretical problems of the transition economy: plans, theses, literature. Moskva, Moskovskii rabochii. 1928 127 p. (55-55871)

LEONT'^YEV, Lev Abramovich, 1901-

LEONT'EV, Lev Abramovich: The basic economic problem of the USSR Moskva Gos. izd-vo
polit. lit-ry, 1939. 105 p. (51-49146)

HC335.L41373

LEONT'YEV, LEV ABRAMOVICH, 1901-

SANOYE ZHIZNENNOYE I NEOPREDOLIMOYE DVIZHENIYE SOVREMENNOSTI (MOSKVA) POLITIZDAT,
1940. 45p.

(Author's Pseud., A. LEONT'YEV, at head of title)

LEONT'EV, Lev Abramovich, 1901-

Economic problems at Paris Peace Conference Mosdva Pravda 1946. 30 p. (52-42603)

D814.565.14

LEONT'^YEV, Lev Abramovich, 1902-

LEONT'^YEV, Lev Abramovich: The Soviet method of industrialization Moskva, Pravda,
1946. 39 p. (50-33851)

HC335.L4138

LEONT'EV, Lev Abramovich, 1901-

The political economy of socialism in the works of Lenin and Stalin Moskva Pravda
1948. 38 p. (50-1st901)

HD85.L45

LEONT'EV, Lev Abramovich, 1901-

LEONT'EV, Lev Abramovich, 1901-: The future intensification of the general crisis of capitalism after the Second World War Moskva Pravda 1949. 63 p. (50-55²42)

HC59.L46

LEONT'YEV; L. A.

"Dollar Imperialism in Western Europe," 1949

LEONTSEY, L. A.

The State Publishing House of Political Literature has published a textbook entitled "Political Economics." The textbook has been compiled by a group of economists: led by Academician E. V. Ostrovityanov; associate member of the USSR Academy of Sciences, D. T. Shepilov; Associate Member of the USSR Academy of Sciences, L. A. Leontsey; member of the All-Union Academy of Agricultural Sciences Named After Lenin, I. B. Kaptev; Prof. I. I. Kuzminov; Doctor of Economics L. M. Gatovsky; Academician P. F. Yudin; Associate Member of USSR Academy of Sciences, A. I. Fashkov; Economics Candidate V. I. Pereslegin.

In the compiling and finishing of statistical materials included in the textbook, Doctor of Economics V. N. Starovsky took part. The textbook contains three sections: 1—Precapitalist means of production; 2—Capitalist means of production; 3— Socialist means of production. The textbook is being issued in a mass edition.

LEONT'YEV, LEV ABRAMOVICH

3/5
789
.L5

Ekonomicheskiye krizisy (Economic crises) Moskva, 1956.

60 p.

At head of title: Kommunisticheskaya Partiya Sovetskogo Soyuza. Vysshaya
Partynaya Shkola.

Bibliographical footnotes.

AVS

TECHNIK, LEV ARAMOVICH

11/5
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OSNOVNYE PROBLEMY ICHESNOY ZADACHI SSSR (BASIC ECONOMIC PROBLEMS OF THE USSR)

MOSKVA, GOSPOLITIZDAT, 1956.

107 P. TABLES.

BIBLIOGRAPHICAL FOOTNOTES.

TYAPKIN, Nikolay Kapitonovich, kand.ekonom.nauk; LEONT'YEV, L.A., red.;
MYASOYEDOV, B., red.; YAKOVLEVA, Ye., tekhn.red.

[Planning is the law of life of a socialist enterprise] Plan -
zakon zhizni sotsialisticheskogo predpriatia. Pod obsheei
red. L.A.Leont'eva. Moskva, Mosk.rabochii, 1960. 35 p.
(MIRA 13:8)

(Russia--Economic policy)

PAVLOV, Tikhon Gavrilovich, kand.ekonom.nauk; LEONT'YEV, L.A., red.;
MYASOYEDOV, B., red.; YAKOVLEVA, Ye., tekhn.red.

[Increasing labor productivity is the path to abundance] Povy-
shenie proizvoditel'nosti truda - put' k izobiliiu. Pod obshchei
red. L.A.Leont'eva. Moskva, Mosk.rabochii, 1960. 35 p.

(MIRA 13:8)

1. Chlen-korrespondent Akademii nauk SSSR (for Leont'yev).
(Labor productivity)

ATABEKOV, Vil'yam Borisovich; VASIL'YEVA, Yelena Vladimirovna; LEONT'YEV,
L.A., red.; MYASOYEDOV, B., red.; SHLYK, M., tekhn.red.

[Why materials, equipment and electric power must be used
economically] Pochemu muzhno ekonomno raskhodovat' syr'e, mate-
rialy, elektroenergiu. Pod obshchei red. L.A.Leont'eva. Moskva,
Mosk.rabochii, 1960. 38 p. (MIRA 13:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Leont'yev).
(Saving and thrift) (Russia--Industries)

IVANOV, Nikodin Andreyevich, kand.ekonom.nauk; LEONT'YEV, L.A., red.;
KUNETSKIY, V., red.; PAVLOVA, S., tekhn.red.

[Business accounting in a workshop, section, brigade] Khoziaist-
vennyi raschet tsakha, uchastka, brigady. Pod obshchei red. L.A.
Leont'eva. Moskva, Mosk.rabochii, 1960. 41 p. (MIRA 13:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Leont'yev).
(Industrial management)

REMIZOV, Konstantin Sergeyevich, kand.ekonom.nauk; LEONT'YEV, L.A., red.;
GRINGAUZ, S., red.; YAKOVLEVA, Ye., tekhn.red.

[Organization of wages in the U.S.S.R.] Organizatsia oplaty truda
rabochikh v SSSR. Pod obshchei red. L.A.Leont'eva. Moskva, Mosk.
rabochii, 1960. 46 p. (MIRA 13:8)

1. Chlen-korrespondent Akademii nauk SSSR (for Leont'yev).
(Wages)

D'YACHENKO, Vitaliy Vasil'yevich, kand.ekonom.nauk; LEONT'YEV, L.A.,
red.; KUNETSKIY, V., red.; SHLYK, M., tekhn.red.

[The cheaper each article, the richer the entire country]
Deshevle kazhdoe izdelie - bogache vsia strana. Pod obshchei
red. L.A.Leont'eva. Moskva, Mosk.rabochii, 1960. 55 p.
(MIRA 13:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Leont'yev).
(Costs, Industrial)

LEONT'YEV, Lev Abramovich; RABINOVICH, M., red.; GERSHBERG, S., red.;
KLIMOVA, T., tekhn.red.

[Elementary course in political economy] Nachal'nyi kurs politicheskoi ekonomii. Moskva, Gos.izd-vo polit.lit-ry, 1960.
535 p. (MIRA 13:11)

1.Chlen-korrespondent Akademii nauk SSSR (for Leont'yev).
(Economics)

MITROFANOVA, Nina Mikhaylovna, kand. ekonom. nauk; LEONT'YEV, L.A.,
red.; MYASOYEDOV, B., red.; SHLYK, M., tekhn. red.

[How prices for goods are determined in our country] Kak ob-
razuetsia tsena na tovary v nashei strane. Pod obshchei red.
L.A.Leont'eva. Moskva, Mosk. rabochii, 1961. 47 p.
(MIRA 15:1)

1. Chlen-korrespondent AN SSSR (for Leont'yev).
(Prices)

SUPONITSKIY, S., kand.ekonom.nauk; LEONT'YEV, L.A., red.; MYASOYEDOV, B.,
red.; SHLYK, M., tekhn.red.

[What are the public consumption funds] Chto soboi predstavliaiut
obshchestvennye fondy potrebleniia. Pod obshchei red. L.A.Leon-
t'eva. Moskva, Mosk.rabochii, 1961. 49 p. (MIRA 14:12)

1. Chlen-korrespondent AN SSSR (for Leont'yev).
(Finance)

SHEREMET, Anatoliy Danilovich, kand. ekonom. nauk; LEONT'YEV, L.A., red.;
MYASOYEDOV, B., red.; SHLYK, M., tekhn. red.

[How the profit of an enterprise is used] Poriadok ispol'zovania
pribyli predpriatiia. Pod obshchei red. L.A.Leont'eva. Moskva,
Mosk. rabochii, 1961. 50 p. (MIRA 14:12)

1. Chlen-korrespondent AN SSSR (for Leont'yev).
(Profit) (Industrial management)

BUDAVEY, Vsevolod Yur'yevich, kand. ekonom. nauk; LEONT'YEV, L.A., red.;
MYASOYEDOV, B., red.; SHLYK, M., tekhn. red.

[What are the fixed assets and working capital of an enterprise]
Chto takoe osnovnye i oborotnye fondy predpriatii. Pod obshchei
red. L.A.Leont'pva. Moskva, Mosk. rabochii, 1961. 51 p.
(MIRA 14:8)

1. Chlen-korrespondent Akademii nauk SSSR (for Leont'yev)
(Capital)

IVANUSHKIN, Aleksandr Petrovich, kand. ekonom. nauk; PAVLOV, Tikhon:
Gavrilovich, kand. ekonom. nauk; LEONT'YEV, L.A., red.;
MYASOYEDOV, B., red.; SHLYK, M., tekhn. red.

[Uncovering hidden potentialities for reducing production costs]
Vyiavlenie rezervov snizhenia sebestoimosti produktsii. Pod
obshchei red. L.A.Leont'eva. Moskva, Mosk. rabochii, 1961. 95 p.
(MIRA 15:1)

1. Chlen-korrespondent Akademii nauk SSSR (for Leont'yev)
(Moscow—Costs, Industrial)

LEONT'YEV, Lev. Abramovich; KUNETSKIY, V., red.; YAKOVLEVA, Ye.,
tekh. red.

[What is political economy] Chto takoe politicheskaya ekonomia. Izd. 2., perer. Moskva, Mosk. rabochii, 1961. 101 p.
(MIRA 14:5)

1. Chlen-korrespondent AN SSSR (for Leont'yev)
(Economics)

LEONT'YEV, Lev Abramovich; ZELENKO, G.A., red.; SHADRINA, N.D., tekhn. red.

[Material self-interest in work; popular discussion of one of the problems in the building of communism] Material'naya zainteresovanost' v trude; populiarnaya beseda ob odnoi iz problem kommunisticheskogo stroitel'stva. Moskva, Izd-vo VTsSPS Profizdat, 1961. 38 p. (MIRA 14:11)

1. Chlen-korrespondent AN SSSR (for Leont'yev).
(Incentives in industry)

SLESAREV, Vasil'y Vasil'yevich, kand. ekonom. nauk; LEONT'YEV, L.A.,
red.; MYASOYEDOV, B., red.; FAVLOVA, S., tekhn. red.

[What the real incomes of U.S.S.R. workers are composed of]
Iz chego skladyvaiutsia real'nye dokhody rabochikh SSSR. Pod
obshchei red. L.A.Leont'yeva. Moskva, Mosk. rabochii, 1961.
47 p. (MIRA 15:4)

1. Chlen-korrespondent Akademii nauk SSSR (for Leont'yev).
(Income)

LEONT'YEV, Lev Abramovich; KUNETSKIY, V., red.; SHLYK, M., tekhn. red.

[Communism and work] Kommunizm i trud. Moskva, Mosk. rabochii,
1962. 77 p. (MIRA 15:7)

1. Chlen-korrespondent Akademii nauk SSSR (for Leont'yev).
(Labor and laboring classes)

LEONT'YEV, Lev Abramovich

Primary course in economics] Nachal'nyi kurs politicheskoi
ekonomii. 2., perer. izd. Moskva, Gospolitizdat, 1962.
509 p. (MIRA 15:9)

(Economics)

LEONT'YEV, L.

Engels and Karl Marx's "Capital." Vop. ekon. no.9:68-81 S '62.
(MIRA 15:9)

1. Chlen-korrespondent AN SSSR.
(Marx, Karl, 1818-1883) (Engels, Friedrich, 1820-1895)

LEONT'YEV, L.

Economics and the ideological struggle. Vop. ekon. no.8:
27-42 Ag '63. (MIRA 16:9)

1. Chlen-korrespondent AN SSSR.
(Economics) (Communism)

LEONT'YEV, L.A.; SUVORKINA, A.F.

Automation of the control and regulation of brewing processes in the cooking shops of the Ostrankino Brewery. Trudy Tsentra. nauch.-issl. inst. piv., bezalk. i vin. prom. no. 11:126-132 '63. (MIRA 17:9)

SOV/143-59-5-3/19

9(3)
AUTHORS:

Leont'yev, L.B., Engineer, and Fertik, S.M., Docent

TITLE:

Unattended Electron-Ray Oscillographs for Recording Single Pulses.

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy - Energetika, 1959, Nr 5, pp 16-25 (USSR)

ABSTRACT:

The authors describe the specific features of unattended electron-ray oscillographs for recording single pulses. One of the authors worked on such a device already in 1940/41 together with N.A. Chebotarev, Candidate of Technical Sciences who was at that time a student at KhETI. The authors describe a small-size unattended electron-ray oscillograph EMAO-2 of which the circuit diagram is shown in Figure 4. This device is designed for recording single pulses of a duration of up to 15 microseconds using ordinary 35 mm camera film. An 7L055 electron-ray tube was used whereby the electrode voltages were selected higher than indicated in the factory data records. The voltage at the

SOV/143-59-5-3/19

Unattended Electron-Ray Oscillographs for Recording Single Pulses

third anode to 3,200 volts. Figures 5, 6 and 7 show photographs of this device. It has the dimensions of 20x18x23 cm and may be combined with a camera whereby the dimensions increase to 20x18x50 cm. During the period of 1953-1954 a normal-size unattended oscillograph AEO-1 was developed with the participation of Docent A.L. Vayner. This device has the dimensions 90x24x100 cm and is combined with a "Zenit" camera using 35 mm film. The device may be used for investigating lightning protectors. The scanning duration is 15, 50 and 150 microseconds. The device has slave sweep and may be operated by radio. Batteries 6STE-128 and converter MA-250M provide the required power for about 5 hours of operation. The cameras used for the EMAO-2 and the AEO-1 use "Yupiter-3" lenses (F = 1:1.5). The EMAO-2 may be also operated by radio. ✓

SOV/143-59-5-3/19
Unattended Electron-Ray Oscillographs for Recording Single Pulses

There are 3 circuit diagrams, 3 oscillograms, 6 photographs and 6 Soviet references.

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina (Khar'kov Polytechnic Institute imeni V.I. Lenin) ✓

SUBMITTED: December 18, 1958

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9(6)

S/146/60/003/01/004/016
D002/D006

AUTHORS: Leont'ev, L.B., Engineer; Magda, V.I., Junior Scientific Staff Member; Fertik, S.M., Candidate of Technical Sciences, Docent

TITLE: A Recording Device for Measuring the Energy of Single Microsecond-Impulses

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye, 1960, Vol. 3, Nr 1, pp 26-34 (USSR)

ABSTRACT: In 1957-1958, the authors developed an automatic independent recording microjoulemeter (Figures 7, 8, photograph, 9), designated as "RAMDZh". It can measure and record automatically single electric pulses with an energy of $5 \cdot 10^{-6} \dots 10^{-5}$ joules, and is intended for cases which require completely independent operation of the device, without any servicing or external power network and control. In cooperation with Engineer F.M. Maksudov, the authors developed a special thermo-converter with indirect heating (Figure 2) called the "TKP", which is a modification of the "TKP-300" thermo-converter ² Ref. 3,



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S/146/60/003/01/004/016
D002/D006

A Recording Device for Measuring the Energy of Single Microsecond-Impulses

4.7, to be used as the integrating element of the "RAMDZh". The "TKP" has the following characteristics: a semiconductor-body temperature coefficient of 3.5% per 1°C, resistance of semi-conductor element at 20°C - 10-20 kilohms, and resistance of the heater - 7-14 ohms. It has a spherical shape and is 0.15 mm in diameter. The summary error of the "RAMDZh" does not exceed 8.5%. Engineers N.S. Vidmysh, V.L. Korotchayev, and Mechanician V.P. Zhilo, also took part in its development. The article was recommended by the Khar'kov Polytechnical Institute imeni V.I. Lenin. There are 5 diagrams, 4 graphs, 1 photograph, and 5 references, 1 of which is English. 4 Soviet



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LEONTIYEV, L.I.

PINUS, G.V., KUZNETSOV, V.A., VOLOKHOV, I.M.; LEONT'YEV, L.I., doktor geologo-mineralogicheskikh nauk, otvetstvennyy redaktor; LADYCHUK, L.P., redaktor izdatel'stva; ASTAF'YEVA, G.A., tekhnicheskiiy redaktor.

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(Khatanay Province—Iron ores) (Ore dressing)

CHUKIN, V.V., kand.tekhn.nauk; TOPORKOV, S.D., kand.tekhn.nauk;
MILLER, V.Ya., prof.; KARELIN, V.G., inzh. LEONT'YEV, L.I., inzh.

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1. Institut metallurgii, Sverdlovsk. 2. Chlen-korrespondent AN SSSR (for Chufarov).

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USSR/Geology
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21T34

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USSR/Geology
Stratification

Mar 49

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"Dok Ak Nauk SSSR" Vol LXV, No 2

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39/49749

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BRITSKII, E.V., akademik, redaktor [deceased]; LEONT'YEV, L.N., doktor
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Origin of Lake Sevan. Zemlevedenie 4:52-61 '57.
(Sevan, Lake)

(MLRA 10:9)

20-2-43/62

NECHET'YEV, L.N.

AUTHOR
TITLE

NECHET'YEV, L.N., KALININSKIY, A.A.
On the Nature of Kimberlite Funnels From Yakut ASSR
(O prirode kimberlitov, kh trubok Yakutii - Russian)
Doklady Akad.Nauk SSSR, Vol 193, Nr 2, pp 368 - 371 (1957)

PERIODICAL
ABSTRACT

These recently discovered funnels are found in more varied local environment than the African ones. To begin with, the position of explosion chambers in them varies; sometimes they are located in the crystalline foundation plate and sometimes in the sedimentary cover of the latter. The level of their erosion section also varies greatly. At present the following can be considered as established facts: 1. Their age is Post-Lower-Triassic and pre-Jurassic in Yakutia and regions. 2. The volume of the kimberlite mass of the funnels is minute in relation to the products of the chief stages of Trapp magmatism. It is noteworthy that these funnels occur in significant numbers of the plateau. They are concentrated in groups; these forms, which are parts of the main structures of the plateau and its common regional-tectonic cause of the kimberlite formation and its connection with the pre-Jurassic kinematics of the plateau during the expiration of Trapp magmatism. 3. These kimberlites exhibiting distinguishable variations of composition in their interior (e.g. basalts, liaburgite, mica-peridotite etc.) differ in totality from the typically ultra-basic rocks by a markedly increased content of alumina, titanium, calcium and partly alkali. This approaches them to the diorite units of basic basalts. According to comparative data on the

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On the Nature of Kimberlite Funnel: From Yakut ASSR. 20-2-48/62

Chemism of Kimberlites, nephelites, basic basalts and picrites they may be considered natural series of derivatives of the Trapp magmas (in contradiction to Koplatskiy and Sitakova). This is also indicated by the stratigraphic position of Yakut Kimberlites itself. 4. The depths of position of the explosion chambers of Kimberlite funnels which, as well be determined by the composition of xenolite proved to be quite small, about the first few kilometers. These data exclude the formation of Kimberlite in great depths. Due to special conditions of valve pressures form which are later discharged by explosion. The explosion chambers are apparently situated in the upper horizons of the earth's crust, above the roof of crystalline rocks and not too low but above the reservoirs of Trapp magmatism. 5. It is finally characteristic that the funnels are always connected with two fractures respectively, which latter are again connected with rapture-like faults lie parallel to the raptures, although not directly upon them. The funnels form the strips of east axes are formed by the raptures that had once been the guides of Trapp magma. The Trapp magmatism of the Siberian plateau went through three phases of development, according to the varying tectonic regimes: a) Tifa-intrusive, b) effusive and c) intrusive. The Kimberlite formation apparently corresponds to the last phase (or continues it). Ill. 1 gives an approximate scheme of the formation of Kimberlite funnels. After the magma reaches the stepped up horizons, it went along the main rapture and its branches, the fissures of the intermediate layers, the cleavage planes, etc. The

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On the Nature of Kimberlite Channels from Yakut ASSR. 20-2-48/62

Magma separates of concentration in small satellite reservoirs, of second order using weakened sections. In true conditions are probably much more complicated than described in the scheme, since the pressure rises. The fact of subsequent explosions, i.e., the total formation of the reservoir into an explosion chamber with a funnel in the direction of the earth's surface indicates that the gas products of the reservoir could not find an outlet in the direction of the main channel. After this gas explosion, crushed splinters of crystalline products in the reservoir are pushed out by the magma. This too, the funnel is filled. Further investigations shall determine the conditions of separation of mineral indicators. This will permit to approach the critical conditions of diamond formation. (1 table, 1 illustration, 12 Slavic references).

ASSOCIATION Yakutskaya kompleksnaya ekspeditsiya Yakutskogo filiala Akademii nauk
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PRESENTED BY KORNILICHENYI S.S., Member of the Academy, Feb. 3, 1957
SUBMITTED Jan. 30, 1957
AVAILABLE Library of Congress.
Card 3/3

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doktor geol.-mineral.nauk, otv.red.; VLASOV, K.A., glavnyy red.;
VERSTAK, G.V., red.izd-va; PRUSAKOVA, T.A., tekhn.red.

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otv. red.; MEYEROVICH, O.V., red. izd-va; POLENOVA, T.P.,
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LEONT'YEV, L.N.

Tectonic pattern of the Siberian Platform in the Proterozoic and
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PLATOV, N.A., fred. izd-va; VOLKOVA, V.V., tekhn. red.

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KOLODUKHINA, Sof'ya Yevgen'yevna; FERVUKHINA, Ada Yevgen'yevna;
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KACPOTKIN, P.N., retsenzent; VLASOV, K.A., glav. red.;
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25601

S/197/61/000/006/001/007
B104/3201

16,600
13,2900 (13)

AUTHOR: Leont'yev, L.,

TITLE: Estimation of working reliability of complicated systems

PERIODICAL: Akademiya nauk Latvyskoy SSR, Izvestiya, no. 6 (167), 1961,
15 - 22

TEXT: It has been the aim of a number of papers to show that the working reliability of a complex apparatus can be determined by the relation

$P(t) = \exp(-\sum_{i=1}^n \lambda_i t)$, where $P(t)$ is the probability of undisturbed operation during the time t , and λ_i is the frequency of disturbances in the i -th element. Other authors proceeded, for the same purpose, from the differential equation

$$f(t) = K_1 \lambda e^{-\lambda t} + \frac{K_2}{\sigma_0 \sqrt{2\pi}} e^{-\frac{(t-T_0)^2}{2\sigma_0^2}} \quad (2)$$

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25601

S/197/61/000/006/001/007
B104/B201

Estimation of working ...

for the probability distribution of the time of exact operation of an element in the apparatus. A further relation for the determination of working reliability was given through

$$P(t) = e^{-\lambda t} \left[\frac{1}{2} + \Phi \left(\frac{T_0 - t}{\sigma_0} \right) \right] \quad (3).$$

Each of these three relations is valid for definite conditions. A condition all three formulas have in common is that they indicate the working reliability of complex apparatuses that have gone through a training time. Curves of the probability distribution of exact operation of a complex electronic apparatus (solid line), and of the disturbance frequency (dotted line) are presented in Fig. 1. As may be seen, these curves can be divided into three sections. Most of the disturbances arise within the time from T_0 to T_1 , and none of the above mentioned

relations holds for this section. The application of $P(t) = \exp(-\int_0^t \lambda(t) dt)$
Card 2/6