"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVETSKIY, YE. YE.

95

S/089/62/013/006/019/027
B102/B186

AUTHORS: G. T. and M. R.

TITLE: Nauchnaya konferentsiya Moskovskogo inzhenerno-fizicheskogo instituta (Scientific Conference of the Moscow Engineering Physics Institute) 1962

PERIODICAL: Atomnaya energiya, v. 13, no. 6, 1962, 603 - 606

TEXT: The annual conference took place in May 1962 with more than 400 delegates participating. A review is given of these lectures that are assumed to be of interest for the readers of Atomnaya energiya. They are following: A. I. Leypunskiy, future of fast reactors; A. A. Vasil'yev, design of accelerators for superhigh energies; I. Ya. Pomeranchuk, analyticity, unitarity, and asymptotic behavior of strong interactions at high energies; A. B. Migdal, phenomenological theory for the many-body problem; Yu. D. Fiveyskiy, deceleration of medium-energy antiprotons in matter; Yu. M. Kogan, Ya. A. Iosilevskiy, theory of the Mössbauer effect; M. I. Ryazanov, theory of ionisation losses in nonhomogeneous medium; Yu. B. Ivanov, A. A. Rukhadze, h-f conductivity of subcritical plasma;

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S/089/62/013/006/019/027
B102/B186

Nauchnaya konferentsiya...

Ye. Ye. Lovetskiy, A. A. Rukhadze, electromagnetic waves in nonhomogeneous plasma; Yu. D. Kotov, I. L. Rozental', the origin of fast cosmic muons; Yu. M. Ivanov, muon depolarization in solids; V. G. Varlamov, Yu. M. Grashin, B. A. Dolgoshein, V. G. Kirillov-Ugryumov, V. S. Roganov, A. V. Samoylov, μ^- capture by various nuclei; V. S. Demidov, V. G. Kirillov-Ugryumov, A. K. Ponosov, V. P. Protasov, F. M. Sergeyev, scattering of π^- mesons at 5 - 15 Mev in a propane bubble chamber; S. Ya. Nikitin, M. S. Aynutdinov, Ya. M. Selektor, S. M. Zombkovskiy, A. F. Grashin, muon production in π^-p interactions; B. A. Dolgoshein, spark chambers; N. G. Volkov, V. K. Lyapidevskiy, I. M. Obodovskiy, study of operation of a convection chamber; K. G. Finogenov, production of square voltage pulses of high amplitudes; G. N. Aleksakov, problems of color vision; V. K. Lyapidevskiy, relation between number of receivers and number of independent colors; Ye. M. Kudryavtsev, N. N. Sobolev, N. I. Tizengauzen, L. N. Tunitskiy, F. S. Fayzulov, determination of the moment of electron transition of oscillator forces and the widths of the Schuhman-Runge bands of molecular oxygen; B. Ye. Gavrilov, A. V. Zharikov, V. I. Rayko, decomposition of the volume charge of intense ion beams; Ye. A. Kramer-Ageyev, V. S. Troshin, measurement of neutron spectra; G. G. Doroshenko, new methods of fast-neutron recording; V. I. Ivanov, dosimetry terminology;. R. M. Voronkov,

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVETSKIY, Ye.Ye.; RUKHADZE, A.A.

Low-frequency oscillations of a cold magnetoactive plasma in a gravitational field. Izv. vys. ucheb. zav.; radiofiz. 6 no.4: 715-720 '63. (MIRA 16:12)

1. Moskovskiy inzhenerno-fizicheskiy institut.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

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L 12908-63 EWT(l)/EWG(k)/BDS/EEC(b)-2/ES(w)-2 AFFTC/ASD/ESD-3/AFWL/
SSD Pz-4/Pi-4/Po-4/Pab-4 AT/IJP(C)

ACCESSION NR: AP3001323 S/0057/63/033/006/0652/0659 82

78

AUTHOR: Lovetskiy, Ye. Ye.; Rukhadze, A. A.

TITLE: Oscillations of a cold non-uniform plasma in a gravitational field

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 33, no. 6, 1963, 652-659

TOPIC TAGS: plasma, stability, non-uniform plasma

ABSTRACT: The stability of a cold non-uniform plasma in crossed magnetic and gravitational fields is investigated, using the equations of two-component hydrodynamics to describe the plasma and treating the oscillations in the WKB approximation. The two-component hydrodynamic model is adopted because of its mathematical tractability. The drift transverse to the magnetic field produced in a plasma by pressure gradients and by external forces can be investigated on the basis of this model only by introducing external forces, since effects of pressure are neglected. Although gravity itself is negligible in conditions of practical interest, the introduction of the gravitational field makes it possible for the effects of drift to manifest themselves; moreover, the present results can be adapted to the case of other external forces (for example, centrifugal force). In addition to the previously known instability associated with longitudinal waves propagating transversely

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to the magnetic field in the direction of the drift, the authors find an instability associated with transverse waves propagating along the magnetic field, polarized with the electric vector in the direction of the drift. This instability is analogous to the bunching instability of a uniform isotropic plasma (A.A. Rukhadze, Izv. VUZ-ov, Radiofizika, No. 2, 6, 1963) and does not involve the Cherenkov excitation mechanism. In the course of the calculations expressions are obtained for the dielectric tensor as a differential operator, for the dispersion relation, and for Poynting's vector. It is found that no heat is evolved in an infinite plasma. "The authors are deeply grateful to V.P. Silin and M.S. Rabinovich for discussions of the results, and to V.L. Ginzburg, on whose initiative the present investigation was completed." Orig. art. has: 26 formulas.

ASSOCIATION: Fizicheskiy institut AN SSSR, Moscow (Physics Institute, AN SSSR)

SUBMITTED: 09Apr62 DATE ACQ: 01Jul63 ENCL: 00

SUB CODE: 00 NO REF SOV: 005 OTHER: 007

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

L 12910-63 EWT(1)/BDS/EEC(b)-2/ES(w)-2 AFFTC/ASD/ESD-3/AFWL/SSD
Pi-4/Pab-4/Po-4 AT/IJP(C)
ACCESSION NR: AP3001324 S/0057/63/033/006/0660/0666 76
74

AUTHOR: Lovetskiy, Ye. Ye.; Rukhadze, A. A.

TITLE: On the convective instability of non-uniform plasma in a gravitational field

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 33, no. 6, 1963, 660-666

TOPIC TAGS: plasma, non-uniform plasma, plasma stability

ABSTRACT: The authors previously investigated the stability of a non-uniform plasma in crossed magnetic and gravitational fields using the two-component hydrodynamic approximation and found two sorts of instability: the previously known instability to longitudinal waves propagating transversely to the magnetic field in the direction of the drift (drift instability), and an instability with respect to transverse waves propagating parallel to the magnetic field and polarized with the electric vector parallel to the drift (convective instability). (Ye.Ye. Lovetskiy and A.A. Rukhadze, ZhTF, 33, 652, 1963). It is known that the drift instability disappears if the thermal velocities of the plasma particles exceed the drift velocity (M. Rosenbluth, N. Krall and N. Rostoker, Report No. 170 of the Salzburg Conference on Plasma Physics, 1962). The present calculations were accordingly undertaken to investigate the effect of thermal motions on the convective instability remains even when thermal motions are taken into account, provided the plasma is sufficiently rarefied and the magnetic
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ACCESSION NR: AP3001324

2

field sufficiently strong. The calculations are based on the kinetic equation for the electron and ion distribution functions. The spatial non-uniformity is assumed to be small and the gradient term is omitted from the kinetic equation. An unperturbed solution to the kinetic equation is assumed which involves a finite temperature and the linearized kinetic equation for the perturbations is written. Plane waves are assumed for the perturbations, and the dielectric tensor and the dispersion equations are derived in the usual way. The waves propagating transversely to the magnetic field are found to be stable. This is a consequence of the omission of the gradient term in the kinetic equation. The stability conditions for waves propagating parallel to the field are discussed in some detail. Such waves, if the wavelength is sufficiently long, are found to be unstable even when the thermal velocities exceed the drift velocity. "The authors express their sincere gratitude to V.L. Ginzburg for discussions of the results." Orig. art. has: 28 formulas.

ASSOCIATION: Fizicheskiy institut imeni P. N. Lebedev AN SSSR, Moscow (Physics Institute, AN SSSR)

SUBMITTED: 03May62 DATE ACQ: 01Jul63 ENCL: 00

SUB CODE: 00 NO REF SOV: 005 OTHER: 001

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

KOVRIZHNYKH, L.M.; LOVETSKIY, Ye.Ye.; RUKHADZE, A.A.; SILIN, V.P.

Hydrodynamic oscillations of an inhomogenous low-pressure plasma in a magnetic field. Dokl. AN SSSR 149 no.5:1052-1055 Ap '63. (MIRA 16:5)

1. Fizicheskiy institut im. P.N.Lebedeva AN SSSR. Predstavleno akademikom M.A.Leontovichem.

(Plasma oscillations)

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L 22369-65 EEC(b)-2/EWG(k)/EPA(w)-2/EWT(l)/EEC(t)/EPA(sp)-2/T/EWA(m)-2 Pi-4/
ACCESSION NR: AP5002313 Ps-4/Pab-10 IJP(c) S/0141/64/007/005/0822/0827
AT

AUTHOR: Lovetskiy, Ye. Ye.; Silin, V. P.

TITLE: Oscillations of a plasma with weak multi-dimensional inhomogeneity

SOURCE: IVUZ. Radiofizika, V. 7, no. 5, 1964, 822-827

TOPIC TAGS: plasma oscillation, plasma stability, oscillation spectrum, magnetohydrodynamic wave, magnetoactive plasma

ABSTRACT: The authors consider the spectra of the natural oscillations of a multi-dimensional weakly-inhomogeneous plasma, in the geometrical-optics approximation, for the case when the differential equations have an order higher than the second. A general relation is first described for the spectra of the higher-order differential equations. The formulas for the spectra derived from this relation are then used to analyze high-frequency oscillations of a magnetoactive rarefied plasma, quasi-longitudinal oscillations of a magnetoactive plasma with account of spatial dispersion, and magnetohydrodynamic waves. It is pointed out that the results are not applicable to differential equations of the hyperbolic

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ACCESSION NR: AP5002313

type, when divergent integrals may be obtained. Orig. art. has: 2 figures and 14 formulas.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva AN SSSR (Physics Institute AN SSSR)

SUBMITTED: 20Jul63 ENCL: 00 SUB CODE: ME

NR REF SOV: 003 OTHER: 000

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

ACCESSION NR: AP5006500 S/0056/65/048/002/0514/0525

AUTHOR: Lovetskiy, Ye. Ye.; Rikhadze, A. A.

TITLE: Acceleration of electrons in a plasma situated in a strong electric field

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 48, no. 2, 1965, 514-525

TOPIC TAGS: plasma electron acceleration, plasma stability, plasma current, plasma electric field interaction, betatron

ABSTRACT: The article deals with the behavior of a rarefied plasma in a homogeneous and constant electric field and the various instabilities that hinder the acceleration of its electrons. Special attention is paid to the deceleration [illegible] electron by two-stream instability [illegible] jump through the region where the plasma is unstable against potential oscillations. Expressions are derived for the [illegible] of small perturbations, and the conditions [illegible] in the plasma practically do not grow with time, so that electron

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ACCESSION NR: AP5006500

runaway is possible. The feasibility of a stable strong-current gas betatron is discussed and it is estimated that electrons with density 10^{10}--10^{11} cm^{-3} can be accelerated in such a betatron to energies close to 10 MeV by electric fields of 10^2--10^3 V/cm, the resultant currents reaching several kiloamperes. "The authors thank V. P. Silin, I. S. Danilkin, and A. M. Stefanovskiy for valuable remarks and stimulating discussions." Orig. art. has: 31 formulas.

ASSOCIATION: None

SUBMITTED: 09Jun64 ENCL: 00 SUB CODE: ME ,NP

NR REF SOV: 008 OTHER: 002

Card 2/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

L 21718-66 EWT(l)/ETC(f)/EPF(n)-2/EWG(m) IJP(c) AT

ACC NR: AP6004877 SOURCE CODE: UR/0057/66/036/001/0045/0052

65
64
B

AUTHOR: Lovetskiy, Ye. Ye.

ORG: Moscow Engineering Physics Institute (Moskovskiy inzhenerno-fizicheskiy institut)

TITLE: On the theory of the stability of an axially symmetric nonuniform plasma carrying a current

21,44,55

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 1, 1966, 45-52

TOPIC TAGS: nonuniform plasma, plasma instability, plasma oscillation, betatron, centrifugal force, axial magnetic field, strong magnetic field, electric field, geometric optics, external magnetic field, Volterra equation, dispersion equation, plasma stability

ABSTRACT: The stability of an axially symmetric nonuniform plasma carrying an azimuthal current and located in an axial magnetic field is discussed in the geometric optics approximation. The calculations were undertaken because of their practical importance in connection with slipping instability in a plasma betatron. From the two-fluid hydrodynamic model there is derived the equation for small potential oscillations of the electromagnetic field, including the term describing the effect of centrifugal force. The eikonal equations of the geometric optics approximation valid in different frequency ranges and the corresponding dispersion equations are derived. The roots of the dispersion equations are discussed at some length and conditions are given for the

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ACC NR: AP6004877

stability of the corresponding oscillations. Except for oscillations in a narrow resonance band, all the oscillations can be stabilized by magnetic and electric fields that must be strong but can be realized in practice. The unstable resonance oscillations increase in amplitude sufficiently slowly that the resonance region can be passed before the oscillations have time to reach such amplitudes as to endanger the stable operation of the plasma betatron. The author thanks A.A.Rukadze for discussions. Orig. art. has: 24 formulas.

SUB CODE: 20/ SUBM DATE: 29Mar65/ ORIG REF: 004/ OTH REF: 001

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

L 41210-66 EWT(1) IJP(c) GG/AT

ACC NR: AP6018725 SOURCE CODE: UR/0057/66/036/006/1017/1020

80
99
E

AUTHOR: Lovetskiy, Ye. Ye.

ORG: none

TITLE: On the oscillations of a nonuniform weakly ionized current-carrying plasma in an external magnetic field

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 6, 1966, 1017-1020

TOPIC TAGS: plasma instability, nonuniform plasma, hydrodynamic theory, electron hole, semiconductor plasma, dispersion equation, IONIZED PLASMA, ELECTRIC FIELD, EXTERNAL MAGNETIC FIELD

ABSTRACT: The author discusses the stability of electromagnetic oscillations in a nonuniform weakly ionized plasma in external electric and magnetic fields. The external fields are assumed to be parallel to the z-axis of a Cartesian coordinate system x, y, z, and the external field strengths and the plasma density are assumed to depend only on x. The calculations are based on the two-fluid hydrodynamic model of a cold plasma with collisions between the charged particles and neutral atoms taken into account. The dispersion equation is derived in the geometric optics approximation and is discussed for different cases in which the Larmor frequency of the current carriers (the electrons in the case of an electron-ion plasma) is high compared with the collision frequency and the frequency $f' = f - k_z v$, where f is the wave frequency, k_z is the z component of the wave vector, and v is the drift velocity in the electric field of the

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ACC NR: AP6018725

current carriers. The dispersion equation valid when the Larmor frequencies of both plasma components are high compared with f' and the collision frequencies is employed to discuss the stability both of an electron-ion plasma, and of the electron-hole plasma within a semiconductor. Stability conditions and formulas for the logarithmic increments of the unstable oscillations are derived. It is shown that instability can arise as a result of an x-dependence of the plasma density, of the magnetic field strength, or of the drift velocity of the current carriers, and that the unstable frequencies may be lower, as well as higher, than the collision frequency. The author thanks A.A.Rukhadze for fruitful discussions. Orig. art. has: 11 formulas.

SUB CODE: 20/ SUBM DATE: 03Aug65/ ORIG. REF: 003/ OTH REF: 001/

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

ACC NR: AT6033045 SOURCE CODE: UR/2504/66/032/000/0206/0217

AUTHOR: Lovetskiy, Ye. Ye.; Rukhadze, A. A.

ORG: none

TITLE: Acceleration of electrons in a plasma placed in a strong electric field

SOURCE: AN SSSR. Fizicheskiy institut. Trudy, v. 32, 1966. Fizika plazmy (Plasma physics), 206-217

TOPIC TAGS: electron acceleration, plasma magnetic field

ABSTRACT: The article starts with the development of equations for the adiabatic theory of the instability of a plasma in an electric field. However, if the plasma is in a sufficiently strong electric field, the results of the adiabatic theory, generally speaking, will not be valid. The remainder of the article is devoted to the extension of the results for the adiabatic case to the nonadiabatic case. "In conclusion we express our indebtedness to V. P. Silin, I. S. Danilkin, and A. M. Stefanovskiy for valuable remarks and stimulating discussion." Orig. art. has: 30 formulas.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 014/ OTH REF: 002

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

ACC NR: AT6033046 SOURCE CODE: UR/2504/66/032/000/0218/0225

AUTHOR: Lovetskiy, Ye. Ye.; Rukhadze, A. A.

ORG: none

TITLE: Theory of the hydrodynamic instability of nonhomogeneous plasma flows

SOURCE: AN SSSR. Fizicheskiy institut. Trudy, v. 32, 1966. Fizika plazmy (Plasma physics), 218-225

TOPIC TAGS: plasma flow, plasma instability, hydrodynamic theory, Larmor frequency

ABSTRACT: The article starts with the derivation of an equation for small oscillations in the following form:

$$\Delta\Phi + \Sigma\left\{\frac{\omega_L^2\left(\frac{\partial^2}{\partial x^2} - k_\parallel^2\right)\Phi}{\Omega^2(\omega - k_z u_0)^2} + \frac{\partial\Phi}{\partial x}\frac{\partial}{\partial x}\frac{\omega_L^2}{\Omega^2 - (\omega - k_z u_0)^2} + \right.$$

$$\left. + \frac{\omega_L^2 k_z^2 \Phi}{(\omega - k_z u_0)^2} - k_y \Phi \frac{\partial}{\partial x}\frac{\Omega\omega_L^2}{(\omega - k_z u_0)[\Omega^2 - (\omega - k_z u_0)^2]}\right\} = 0. \qquad (2.1)$$

where Φ is the potential of a field oscillating with a frequency ω; k_y and k_z are the projections of the wave vector along the y and z axes; Ω is the Larmor frequency; ω_L is the Langmuir frequency; u_0 is the directed velocity of flow of particles of

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ACC NR: AT6033046

one kind. The summation in Equation (2.1) extends over all the kinds of charged particles in the plasma. Based on the foregoing, the next section treats the instability of plasma flows in the presence of a strong magnetic field. The final section treats mathematically the problem of the instability of plasma flows in the absence of an external magnetic field. "In conclusion the authors thank V. P. Silin for discussion of the results of the present work, and A. M. Stefanovskiy who called our attention to the work described in Ref. (4)." Orig. art. has: 21 formulas.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 003

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

ACC NR: AP6036027 SOURCE CODE: UR/0057/66/036/011/1955/1958

AUTHOR: Bakanov, S. P.; Lovetskiy, Ye. Ye.

ORG: Moscow Institute of Physics and Engineering (Moskovskiy inzhenerno-fizicheskiy institut)

TITLE: Theory of the instability of current plasma confined between conducting walls

SOURCE: Zhurnal technicheskoy fiziki, v. 36, no. 11, 1966, 1955-1958

TOPIC TAGS: plasma, current plasma, unstable plasma, ~~unstable current~~ plasma instability

ABSTRACT: A study is made of the effect of conducting walls on the stability of charge plasma in relation to the buildup of potential fluctuations. High-conductivity metal walls greatly reduce the instability region of charge plasma. This results in a considerable reduction in the accelerating electrical field necessary for "slipping through" the unstable region. A buildup of surface waves is possible on the boundary between the charge plasma and vacuum. It is shown that in the

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presence of conducting walls this instability can be stabilized, which indicates that conducting walls substantially ease the conditions of unimpeded electron acceleration in a plasma betatron. [Authors' abstract] [SP]

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVENTSO, R. V.

"The Reaction of Oxygen with Benzene," by L. I. Avramenko, I. I. Ioffe, and E. V. Loventso, Iz Ak Nauk, Vol 66, pp 1111-1112, 1949

B-76675

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVERDO, G.

Ton-kilometers are the main indices of Maintenance and Service Base operations. Rech. transp. 19 no.12:7-8 D '60. (MIRA 13:12)

1. Glavnyy inzh. remontno-ekspluatatsionnoy bazy "Krasnyy flot".
(Ships—Maintenance and repair)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVERDO, T. V.

36417. K klinike generalizovannogo tuberkuleza v detskom vozraste voprosy pediatrii i okhrany materinstva i detstva, 1949, vyp. 5, S. 44-46.

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVERDO, T.V., Doc Med Sci—(diss) "On the problem of specificity of phagocytary reaction of the blood and certain factors affecting immunological reactions (phagocytosis, agglutination)." [Gor'kiy, 1958], 22 pp (Gor'kiy Med Inst im S.M. Kirov), 200 copies (KL,30-58,131)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVETSKAYA, A.A.; OVSYANNIKOV, V.P.; CHUGUNOVA, N.I.

Working out a method for identifying different fishes on echograms. Vop.ikht. no.7:139-148 '56. (MLRA 10:3)

1. Iz rabot Vsesoyuznogo nauchno-issledovatel'skogo instituta rybolovstva i okeanografii i Azerbaydzhanskgo otdeleniya Kaspiyskogo filiala Vsesoyuznogo nauchno-issledovatel'skogo instituta rybolovstva i okeanografii.

(Sonar in fishing)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVETSKAYA, A.A., kand.biol.nauk

Reaction to light in sprats. Trudy sov.Ikht.kom. no.8:121-123 '58.
(MIRA 11:11)

1. Azerbaydzhanskoye otdeleniye Kaspiyskogo nauchno-issledovatel'skogo instituta morskogo rybnogo khozyaystva i okeanografii.
(Sprats) (Light--Physiological effect)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

GALAKTIONOV, V.D., kand.geol.-min.nauk; GORETSKIY, G.I., doktor geol.-min. nauk; DURANTE, V.A., kand.tekhn.nauk; ZUBKOVICH, M.Ye., kand.geol.-min.nauk; KAVEYEV, T.S., kand.geol.-min.nauk; POKROVSKAYA, N.M., kand.geol.-min.nauk; BRASHNINA, A.N., inzh.; YEGOROV, S.N., inzh.; KUMSKOVA, O.G., inzh.; LOVETSKIY, Ye.S., inzh.; MAMENKO, G.K., inzh. MILIKHIKER, Sh.G., inzh.; SINYAKOV, N.P., inzh.; SERGEYEVA, N.A., red.; VORONIN, K.P., tekhn.red.

[Geology of the Volga-Don Canal region] Geologiia raiona sooruzhenii Volgo-Dona. Pod red. V.D.Galaktionova. Moskva, Gos.energ.izd-vo, 1960. 416 p. fold.col.map. (MIRA 13:10)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut "Gidroproyekt" imeni S.Ya.Zhuk.
(Volga-Don Canal region--Geology)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVETSKIY, Ye.S., inzh.

Method for fast determination of soil strength. Trudy Gidroproekta 3:178-190 '60. (MIRA 13:7)

1. Otdel inzhenernoy geologii Vsesoyuznogo proyektno-izyskatel'skogo i nauchno-issledovatel'skogo instituta "Gidroproyekt" imeni S.Ya.Zhuka.
(Soil mechanics)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

KOGAN, Yakov L'vovich, kand.geol.-mineral.nauk; GALAKTIONOV, V.D., kand.geol.-mineral.nauk, nauchnyy red.; MAR'YANSKIY, Ye.S., inzh., retsenzent; DUNDUKOV, M.D., inzh., retsenzent; LOVETSKIY, Ye.S., inzh, retsenzent; DVORKIN, L.M., tekhn.red.

[Unit for performing shear tests on soils] Ustanovka dlia ispytanii gruntov na sdvig. Moskva, 1959. 29 p. (Moscow. Vsesoiuznyi proektno-izyskatel'skii i nauchno-issledovatel'skii institut "Gidroproekt" imeni S.IA.Zhuk. Tekhnicheskoe soobshchenie, no.6). (MIRA 13:12)
(Soil mechanics) (Testing-machines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVETSKIY, Ye. Ye.

AUTHOR: Lovetskiy, Ye. Ye. (Moscow). 24-1-16/26

TITLE: Analogy relations during explosions inside a plastic compressible medium. (Sootnosheniya podobiya pri vzryve v plasticheskoy uplotnyayemoy srede).

PERIODICAL: Izvestiya Akademii Nauk, Otdeleniye Tekhnicheskikh Nauk, 1958, No.1, pp. 120-122 (USSR).

ABSTRACT: Kompaneyets, A. S. (Ref.1) considered the problem of explosion in uniform soil of infinite dimensions on the assumption that the shock wave caused by the explosion compresses the ground inside a small spherical radius without any resistance from an initial density ρ_0 to another density ρ_1. In the same paper expressions were derived for the speed of the shock wave, the speed of the soil in the plastic range, the main normal stresses, the maximum radius of propagation of the wave and the total propagation time. For some values for which formulae were derived in the above mentioned paper, numerical calculations are carried out in this paper with a view to obtaining conveniently applicable results. Furthermore, the distribution of the energy dissipated into heat inside the soil is calculated as a function of the radius of the shock wave and the distribution of the

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Analogy relations during explosions inside a plastic compressible medium.

temperature of heating of the soil in the plastic range. The here derived relations show that the distribution of energy dissipated in the soil depends solely on the parameter γ and on the properties of the soil but not on the full energy of the explosion, i.e. for a given soil and a fixed value of γ there is a similarity in the distribution of the energy dissipated in the soil in explosions with various values of the full energy. There are 3 figures and 1 Russian reference.

SUBMITTED: March 15, 1957.

AVAILABLE: Library of Congress.

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVETSKIY, Ye. Ye., Cand Phys-Math Sci (diss) -- "Some problems in the theory of explosion in porous soil". Moscow, 1960. 8 pp (Min Higher and Inter Spec Educ RSFSR, Moscow Engineering Phys Inst), 150 copies (KL, No 14, 1960, 126)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

31781
056/61/041/006/028/054
B146/B102

24.6720

AUTHORS: Lovetskiy, Ye. Ye., Rukhadze, A. A.

TITLE: Hydrodynamics of a nonisothermal plasma

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 41, no. 6, 1961, 1845-1849

TEXT: Single-fluid magnetohydrodynamics of a nonisothermal, collision-free plasma, created by Yu. L. Klimontovich and V. P. Silin (Ref. 1: ZhETF, 40, 1213, 1961), is extended to a plasma in which particle collisions occur. Taking collisions into consideration preponderantly affects the damping decrement of waves; the frequency remains unaltered. The consideration is confined to a dilute plasma where ion-ion collisions are more significant than electron-ion collisions. In this case, the equation of motion for the plasma is given by

$$\frac{\partial \mathbf{v}}{\partial t}+\left(\mathbf{v}\frac{\partial}{\partial \mathbf{r}}\right)\mathbf{v}=-\frac{v_s^2}{\rho}\frac{\partial \rho}{\partial \mathbf{r}}+\frac{1}{4\pi\rho}[\mathrm{rot}\,\mathbf{B},\mathbf{B}]+\frac{1}{\rho_0}(\mathbf{F}_1^{\mathrm{anc}}+\mathbf{F}_2^{\mathrm{anc}}), \qquad (8),$$

and is thus extended by $\mathbf{F}_2^{\mathrm{dis}}$ compared with the equation stated by

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

Hydrodynamics of a nonisothermal ...

Klimontovich and Silin (F_1^{dis} is the dissipative force due to Cherenkov absorption and to absorption by magnetic bremsstrahlung; F_2^{dis} takes ion-ion collisions into consideration). The effect of collisions on the spectrum of magnetohydrodynamic and magnetoacoustic waves is studied. In first approximation, magnetohydrodynamic waves are undamped while a damping decrement is obtained for magnetoacoustic waves. The contributions to the damping decrement, resulting from collisions, do not depend on the magnitude of the wave vector. Hence, only Cherenkov absorption is responsible for the divergence of wave packets. Conditions indicating whether Cherenkov absorption exceeds, and when absorption by collisions are stated. Another derivation of the dispersion laws for the two wave types is given by solving the dispersion equation for electromagnetic waves. The range of validity of the theory is estimated. The authors thank V. P. Silin for a discussion. There are 3 Soviet references.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva Akademii nauk SSSR (Physics Institute imeni P. N. Lebedev of the Academy of Sciences USSR)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

Hydrodynamics of a nonisothermal ...

31781
S/056/61/041/006/028/054
B146/B102

SUBMITTED: May 19, 1961

Card 3/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

NAGY, Endre, Dr.; LOVEY, Andras, Dr.

Relation of lupus erythematosus and tuberculosis. Byorgyogy. vener. szemle 12 no.6:241-243 Dec 58.

1. A debreceni Orvostudomanyi Egyetem Bor- es Nemikortani klinikaja (Igazgato: Dr. Szodoray Lajos egyet. tanar) es II. sz. Belklinikajanak (Igazgato: Dr. Petranyi Gyula egyet. tanar) kozlemenye.

(LUPUS ERYTHEMATOSUS, DISCOID, compl.
tuberc., incidence (Hun))
(LUPUS ERYTHEMATOSUS, DISSEMINATED, compl.
same)
(TUBERCULOSIS, statist.
incidence in discoid & disseminated lupus erythematosus (Hun))

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVEYKO, I.I., arkhitektor.

Administrative buildings on Ogarev and Hertzen streets. Gor.khoz.Mosk. 21 no.5:21-25 My '47. (MLRA 6:11)
(Moscow--Public buildings)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

1. LOVEYKO, I. I., Arch.

2. USSR (600)

4. Hotels, Taverns, etc.--Moscow

7. Plan and construction of the hotel "Sovetskaia." Gor.khoz.Mosk. 23 no. 5 1949.

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

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

BARANNIKOV, M.G.; GVOZDEV, A.A.; GUSHCHIN, V.M.; DAVYDOV, S.S.; DUDOROV, N.P.; KOLENKOV, V.A.; LOVEYKO, I.I.; SVETLICHNYY, V.I.; SKROMTAYEV, B.G.; KUCHERENKO, V.A., redaktor; BARSKOV, I.M., redaktor; RUBANENKO, B.P., redaktor; GORSHKOV, A.P., redaktor izdatel'stva; STRELETSKIY, I.A., tekhnicheskiy redaktor

[Construction practices abroad; in countries of Western Europe. Based on material gathered by a delegation of Soviet building specialists] Opyt stroitel'stva za rubezhom; v stranakh Zapadnoi Evropy. Po materialam otchetov delegatsii sovetskikh spetsialistov-stroitelei. Moskva, Gos. Iz-vo lit-ry po stroit. i arkhitekture, 1956. 365 p. (Europe, Western--Building) (MIRA 10:1)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

30(11)

AUTHOR: Loveyko, I., Chief Architect of the City of Moscow, Member of the Academy of Building and Architecture, USSR

SOV/29-59-2-29/41

TITLE: In the Service of Building - the Best Achievements of Modern Science and Engineering (Na sluzhbu stroitel'stvu - luchshiye dostizheniya sovremennoy nauki i tekhniki)

PERIODICAL: Tekhnika molodezhi, 1959, Nr 2, p 34 (USSR)

ABSTRACT: To the question raised by the editors of the periodical "Tekhnika - molodezhi" how he thought of the future Moscow is the key to the solution of the housing problem. In I. Loveyko answered: "The Seven-Year Construction Plan in the coming years, this very problem will be the main task of construction and reconstruction in our capital. In order to build about 20 million square meters of dwelling surface in the course of 7 years, i.e. about 650,000-700,000 apartments, the best achievements of modern science and engineering will have to be put to the service of building, and the expenditure of human labor will have to be reduced to a minimum. Still yesterday, the method of building a complete house from finished building elements prepared on the assembly line

Card 1/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVEYKO, I.

Moscow in 1965... Nauka i zhizn' 27 no.5:37-44 My '60.
(MIRA 13:6)

1. Glavnyy arkhitektor Moskvy, deystvitel'nyy chlen Akademii arkhitektury i stroitel'stva SSSR.
(Moscow--City planning)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVKYKO, I.

Moscow, city of the Order of Lenin. Tekh.mol. 28 no.4:18-24 '60. (MIRA 13:11)

1. Glavnyy arkhitektor Moskvy.
(Moscow--City planning)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

SAVCHENKO, S.S., general-mayor; ALEKSANDROV, A.A., polkovnik; GRECHIKHIN, A.A., polkovnik; KOZLOV, A.F., polkovnik; KOZLOV, A.F., polkovnik; LOVI, A.A., polkovnik; LOSHCHILOV, A.A., polkovnik; MOLOCHKOV, A.K., polkovnik; MUTSYNOV, S.S., polkovnik; SEMIKOLENOV, N.P., polkovnik; SUDAKOV, S.V., polkovnik; SHINKAREV, G.M., polkovnik; VIL'CHINSKIY, I.K., polkovnik, red.; SOLOMONIK, R.L., tekhn. red.

[Methods of preparation to use weapons; firearms and grenade launchers]Metodika ognevoi podgotovki; strelkovoe oruzhie i granatometry. Moskva, Voenizdat, 1962. 318 p. (MIRA 16:2)

1. Russia (1923- U.S.S.R.)Armiya. Sukhoputnye voyska. Upravleniye boyevoy podgotovki voysk svyazi.
(Russia--Army--Firearms) (Grenades)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

BONDARENKO, S.S.; KASHANSKIY, B.R.; KAPUSTIN, V.Ya.; KRAMARENKO, P.T.; LOVI, A.A.; MIKHEYEV, I.V.; POLETAYEV, A.S.; SELEZNEV, V.I.; SUDAKOV, S.V., polkovnik, red.; VIL'CHINSKIY, I.K., red.

[Instruction in firing at night from small arms and grenade launchers] Obuchenie strel'be noch'iu iz strelkovogo oruzhiia i granatometa. Moskva, Voenizdat, 1964. 214 p.
(MIRA 18:4)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVI, B.I.

Intrusive complexes of the Lesser Khingan Mountains. Trudy VSEGEI 55:65-122 '61. (MIRA 15:4)
(Khigan Mountains--Rocks, Igneous)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVI, J.

AGRICULTURE

Periodical: SOTSIALSTLIK POLLUMAJANDUS Vol. 14, no. 3, Feb. 1959

LOVI, J. Activities of the Council of Zootechny. p. 135.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5, May 1959, Unclass.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

GLUSHINA, S.Ye.; ITSIKSON, G.V.; LOVI, B.I.

Moissanite in carbonatite deposit. Zap. Vses. min. ob-va 92 no.6: 716-718 '63. (MIRA 18:3)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVI, M.; ADOR, V.; GABOR, M.

Effect of rutin on healing of experimental corneal ulcers. Acta med. hung. 6 no.3-4:391-396 1954.

1. Augenklinik und Pharmakologisches Institut der Medizinischen Universitat, Szeged.
(CORNEA, ulcers
eff. of rutin in rabbits)
(ULCERS
cornea, eff. of rutin in rabbits)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVI, Marta,; ADOR, Viktoria,; GABOR, Miklos.

Effect of rutin on experimental corneal ulcer. Kiserletes orvostud. 7 no.2:117-120 Mar 55.

1. Szegedi Orvostudomanyi Egyetem Szemklinikaja es Gyogyszertani Intezete.

(VITAMIN P, effects,
on exper. corneal ulcer)
(CORNEA, ulcers,
exper., eff. of vitamin P)
(ULCER, experimental,
cornea, eff. of vitamin P)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVI KAHAN

KAHAN, Agost; SZEGHY, Gergely; ALPAR, Janos; VAJDA, Peter ; LOVI, Marti

New pathological data on ophthelmological eye diseases. Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.1-2:184-185 1957.

1. A Szegedi Orvostudomanyi Egyetem Szemklinikaja.

(EYE DISEASES, etiol. & pathogen.
virus dis., clin. studies (Hun))
(VIRUS DISEASES
eye, clin. studies (Hun))

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVI, Marta

Ankyloblepharon filiforme adnatum. Szemeszet 94 no.2:95-96 July 57.

1. Szegedi Orvostudomanyi Egyeteme Szemklinikajanak (Igazgato: Kukan Ferenc egyetmei tanar, az orvostudomanyok kandidatusa) kozlemenye.
(EYELIDS, abnorm.
ankyloblepharon filiforme adnatum, case report (Hun))

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVI, V.

To reduce danages to swine hides with the use of electric whips. p.433

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inzynierow I Technikow Sanitarnych Orgrzewnictwa i Garownictwa) Warszawa, Poland
Vol.13, no.9, Sept. 1958

Monthly list of East European Accession (EEAI) LC, Vol.9, no.2, Feb. 1960

Uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVIC, R.

AGRICULTURE

Periodical: POLJRIVREDA. Vol. 6, no. 9, Sept.1958.

LOVIC, R.; AVRAMOV, L. Using reinforced-concrete posts in vineyards. p. 39.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

80964
S/147/60/000/02/015/020
E191/E481

10.6000

AUTHOR: Lovikov, N.S. (Leningrad)

TITLE: On the Applicability of the Lienaar Criterion to the Interpretation of Self-Excited Vibrations of Blades in Turbo-Machinery

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1960, Nr 2, pp 129-137 (USSR)

ABSTRACT: An attempt is made, based on the theory of bars and on the assumption of a stationary aerodynamic flow to examine purely flexural self-excited vibrations of rotating blades. The periodic motions of a system with self-excitation can be mapped on the phase plane in the form of closed trajectories which are known as the limiting cycles. The existence of a limiting cycle and the amplitude of vibration can be established, for example by graphically plotting the integral curves in the phase plane. Such a procedure is associated with difficulties. The use of the Lienaar criterion makes it possible to establish the existence of a limiting cycle directly by the examination of the aerodynamic properties of the given elastic system. The Lienaar criterion is recited

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S/147/60/000/02/015/020
E191/E481

On the Applicability of the Lienaar Criterion to the Interpretation of Self-Excited Vibrations of Blades in Turbo-Machinery

following Babakov (Ref 2). The equation of flexural vibrations of a rotating blade relative to its axis of minimum stiffness is stated, taking into account the restoring moment of the centrifugal forces and the moment due to aerodynamic damping forces. The blade is assumed as a bar of variable cross-section which is twisted in accordance with the constant pitch law. From this equation, an equation is derived in a form suitable for the application of the Lienaar criterion. The coefficients of this last differential equation (17) depend mainly on the course of the curves of the lift and the lift slope plotted against the angle of incidence. It is shown how the Lienaar criterion in its several conditions can be applied directly to the course of the lift and the lift-slope curves. An example is given in which the lift curve of a rectilinear section bar is used (Fig 2). Such a bar will enter into a region of self-excited vibration at an incidence of 0.34 radians. It is stated that this prediction was

Card 2/3

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

80964
S/147/60/000/02/015/020
E191/E481

On the Applicability of the Lienaar Criterion in the Interpretation of Self-Excited Vibrations of Blades in Turbo-Machinery

verified by a simple model test. There are 4 figures and 5 Soviet references.

SUBMITTED: November 17, 1959

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APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

Lovikov, P. F.

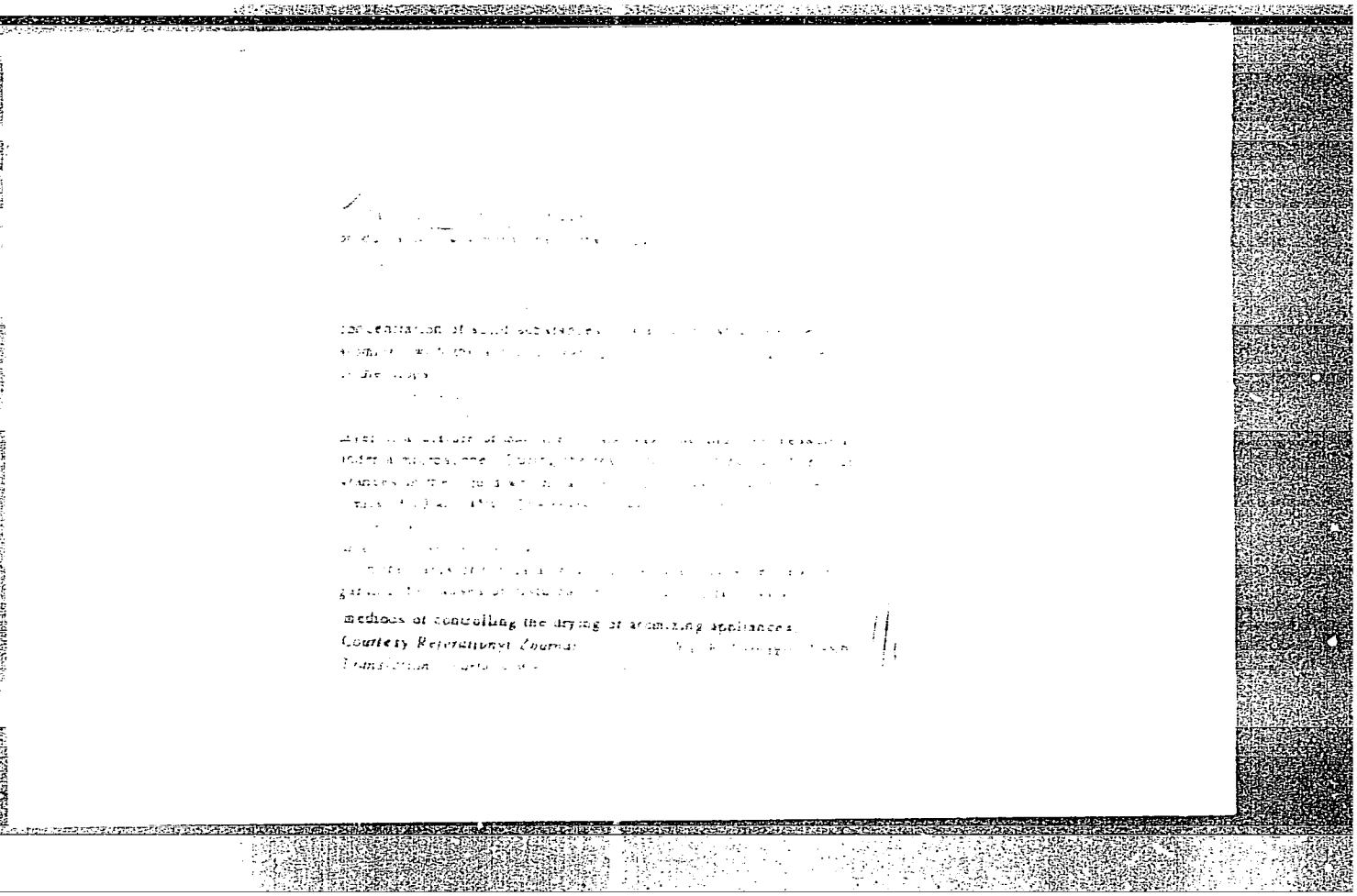
LOVIKOV, P.F., kandidat tekhnicheskikh nauk.

More efficient use of the capacity of spray driers. Trudy LTIKHP 7:56-60 '55. (MLRA 10:9)

1. Kafedra ekonomiki promyshlennosti i organizatsii proizvodstva.
(Drying apparatus)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6



methods of controlling the drying of [illegible] appliances
Courtesy Refrigerating Journal

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVIKOV, P.F., dotsent, kand.tekhn.nauk

Use of spray dryers in the production of cholesterin. Trudy LTIKHP 13:104-106 '57. (MIRA 13:6)

1. Kafedra ekonomiki promyshlennosti i organizatsii proizvodstva Leningradskogo tekhnologicheskogo instituta kholodil'noy promyshlennosti.
(Cholesterol)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVIKOV, P., kandidat tekhnicheskikh nauk.

Utilization of the drying capacity of waste air in spray driers.
Moloch.prom. 18 no.3:36-38 '57. (MLRA 10:4)
(Drying apparatus)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

BILLIK, Abram Markovich;POZIN, Mark Markovich, kand. ekon. nauk;LOVIKOV, Petr Fedorovich; KAMENITSER, S.Ye., prof., doktor ekon. nauk, retsenzent; MOROZOV, M.V., kand. ekon. nauk, retsenzent; MESHKOV, Yu.K., kand. ekon. nauk, red.; MASLOVA, Ye.F., red.; BRODSKIY, M.P., tekhn. red.

[Organization and planning in refrigeration enterprises] Organizatsiia i planirovanie kholodil'nykh predpriiatii. Moskva, Gos. izd-vo torg. lit-ry, 1961. 276 p. (MIRA 14:10)
(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

DINULESCU, G.,; STOENESCU, D.,; MANOIU, I.,; IVANA, Ilie,; VISAN, C.,; TEODORU, M.,; RAUCHBACH, C.,; NEGRU, I.,; LOVIN, Dan.

Piperazine as anthelmintic in parascariasis, oxyuriasis and strongylosis in horses. Stud. cercet. inframicrobiol., Bucur. 6 no.1-2:295-300 Jan-June 55.

(ASCARIASIS
parascariasis in horses, ther., piperazine)
(OXYURIASIS
in horses, ther., piperazine)
(NEMATODE INFECTIONS
in horses, ther., piperazine)
(HELMINTH INFECTIONS
in horses, ther., piperazine)
(PIPERAZINES, ther. use
helminth & nematode infect. in horses)
(HORSES, dis.
helminth & nematode infect., ther., piperazine)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

Lovin, D

DINULESCU, G.; STOENESCU, D.; RAUCHBACH, C.; MANOIU, I.; NEGRU, D.; DONCIU, Ivanca; DRAGOI, I.; LOVIN, D.

Studies of the invasive elements in parasitoses in dogs. Stud. cercet. inframicrobiol., Bucur. 6 no.3-4:587-593 July-Dec 1955.

(PARASITIC DISEASES
intestinal, indogs, etiol. & transm.)
(GASTROINTESTINAL DISEASES
parasitic, in dogs, etiol. & transm.)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

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EWT( )/EWT(m)/EPF(c)/EWP(f)/EPR/T/EWA(c) Pr-4/Ps-4 RPL EW/

ACCESSION NR AM5000926 BOOK EXPLOITATION S/

Tyutyunov, Vladimir Alekseyevich; Lovinskiy, Semen Isaakovich

Aircraft engines (Aviatsionnyye dvigateli), Moscow, Izd-vo "Mashinostroyeniye", [illegible] p. illus., biblio. Errata slip inserted. 10,700 copies printed.

TOPIC TAGS: aircraft engine, thermodynamics, aviation fuel, fuel combustion, jet engine, internal combustion engine, liquid rocket engine, turboprop engine

PURPOSE AND COVERAGE: The book presents basic problems in the theory and design of aircraft engines. The book is intended as a textbook for students in aviation aircraft building technicums and can be useful to technicians of the aviation industry.

TABLE OF CONTENTS (abridged):

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SUBMITTED: 04Jul64 SUB CODE: PR

NO REF SOV: 012 OTHER: 000

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APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVISEK, VL.

CZECH

Recovery of tombac from bimetallic iron scrap. Fr. Králík and Vl. Lovišek. *Hutnické Listy* 10, 144–9(1955). Chem. and electrolyte methods are reviewed for recovering Cu and Zn from waste Fe plated with Cu and its alloys.
Petr Schneider

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVITS, T.Ye., akademik; FIGUROVSKIY, N.A., redaktor; KATRENKO, D.A., redaktor; MOSKVICHEVA, N.I., tekhnicheskiy redaktor.

[Selected works on chemistry and chemical technology] Izbrannye trudy po khimii i khimicheskoi tekhnologii. Red., stat'i i primechaniia N.A.Figurovskogo. Moskva, Izd-vo Akademii nauk SSSR, 1955. 618 p.
(Chemistry) (Chemistry, Technical) (MLRA 8:5)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

Lovits, T. Ye.

AUTHOR Potkov, L.I. 30-7-34/36

TITLE Critique and Bibliography:
T.Ye.Lovits.Selected works on chemistry and chemical technology. Compiled with Remarks by N.A.Figurovskiy.
(T.Ye.Lovits.Izbrannyye trudy po khimii i khimicheskoy tekhnologii Redaktsiya, stat'i i primechaniya N.A.Figurovskogo - Russian).

PERIODICAL Vestnik Akademii Nauk SSSR, 1957,Vol 27, Nr 7,pp 115-118(U.S.S.R.)

ABSTRACT In April of this year the selected works of the scientist were published on the occasion of his 2ooth birthday. He began his carrier in Russia as an apprentice of a druggist. Figurovskiy describes in the preface the life and work of this man of genius. Of greatest importance is the discovery made in 1785: the ability of charcoal powder to adsorb various substances from solutions. His papers on the problems of crystallization are also very important. In the third part of the book the works by Lovits dealing with analytical and anorganic chemistry are compiled. He was the first chemist of his time to utter thoughts in the field of the conversion of organic acids, based upon his research works, which were diamietrically opposed to the conception of his time. The critic disapproves the unsufficient explanations given by Figurovskiy on "Lovits and the chemistry of sugar". The critic also finds some exaggerations by Figurovskiy. Lovits' priority concerning the production of trichloro acetic acid may be contested, if J.B.Duma is taken into consideration. The data of the then che-

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

Critique and Bibliography: 30-7-34/36
T.Ye.Lovits.Selected works on Chemistry and Chemical Technology.Compiled with Remarks by N.A.Figurovskiy.

mistry made it impossible for Lovits to realize the chemical significance of the reaction obtained by him.

ASSOCIATION Not Given.
PRESENTED BY
SUBMITTED
AVAILABLE Library of Congress.
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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

3(5) SOV/9-59-2-3/16

AUTHORS: Germanyuk, M.M., Komissarov, G.I., and Lovitskiy, D.K.

TITLE: New Data on the Geological Structure of South-East Turkmenistan (Novyye dannyye o geologicheskom stroyenii yugo-vostochnoy Turkmenii)

PERIODICAL: Geologiya nefti i gaza, 1959, Nr. 2, pp 10-14 (USSR)

ABSTRACT: For the purpose of determining the geological structure of South-East Turkmenistan geological prospecting and geophysical investigations were carried out on a large scale with the use of structural profile drilling to a depth of 1,200 m and seismic profile determination along two main directions, i. e. Takyr - Mary - Chardzhou and Zakhmet - Kushka and two auxiliary directions in the Prikopetdag and the Murgab depressions. Conclusions on the geological structure are made and indications are given on the future prospecting operations. The author points to the necessity of increasing the investigation of local structures in order to develop deep drilling and states as the most urgent tasks the organization of structural profile drilling and terrace seismic survey of the Kabaklin, Repetek, Uch-Adzhi, Bayram-Ali and Mary upheavals and the

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

New Data on the Geological Structure of South-East Turkmenistan

drilling of structural stratigraphic wells to a depth of 3,000 m on the Bayram-Ali upheaval in order to study the geological sections of Tertiary and Cretaceous deposits and their oil bearing properties. There are 1 map and 4 geological cross-sections.

ASSOCIATION: Turkmenskoye geologicheskoye upravleniye (Turkmen Geological Administration)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVITSKAYA, L.V., nauchnyy sotrudnik; FEYGIN, S.L., nauchnyy sotrudnik

If you want to be healthy. Nauka i zhizn' 27 no.8:28-30 Ag '60. (MIRA 13:9)

1. Leningradskiy nauchno-issledovatel'skiy institut fizkul'tury.
(Physical education and training)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

BASOV, S.Ye., inzh.; BRUSENTSOV, P.A., inzh.; LOVITSKIY, A.K., inzh.

Conveyer line for transferring ore concentrate over great distances. Prom. stroi. 40 no.5:30-33 '62. (MIRA 15:5)
(Conveying machinery)
(Ore handling)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVITSKIY, V.D.

Use of television in the study of the subcutaneous blood-supply system in man. Nerv. sist. no.5:135-139 '64. (MIRA 18:3)

1. Kafedra biofiziki Leningradskogo gosudarstvennogo universiteta.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

BESPAL'SHIY, Vladimir Fedorovich [Bezpal'shyi, V.F.]; KHUDUSHINA, F. [Khudushyna, F.], kand. filos. nauk, red.; LOVKAYA, L., red.; TSURKAN, P., tekhn. red.

[Communist labor; what the elimination of distinction between intellectual and manual labor means] Komunistychna pratsia; shcho znachit' likviduvaty istotni vidminnosti mizh rozumovoiu i fizychnoiu pratsei. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 74 p. (MIRA 14:12)
(Efficiency, Industrial) (Work)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVKAYA, L.Ya., red.

[Forming a scientific theory] Pobudova naukovoi teorii. Kyiv, Naukova dumka, 1965. 239 p. (MIRA 19:1)

1. Akademiya nauk URSR, Kiev.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVKEVICH, K.N., inzh.

New design of cable lead-out compartments of complex outdoor-type power distribution devices. Elek. sta. 33 no.7:86-87 Jl '62. (MIRA 15:8)

(Electric substations)
(Electric power distribution--Equipment and supplies)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

L'OVKIN, V.G. [L'ovkin, V.H.]

Device for milling the tapered curve of the heel seat. Leh.prom. no.1:24-25 Ja-Mr '65. (MIRA 18:4)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

L'OVKIN, V.G. [L'ovkin, V.H.]; LATMAN, M.Ye. [Latman, M.E.]

Hoisting machine for the transport of shoes. Leh. prom. no.2: 62-63 Ap-Je '63. (MIRA 16:7)

1. Nikolayevskiy kozhevenno-obuvnoy kombinat.
(Shoe industry) (Conveying machinery)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVKIN, Viktor Georgiyevich; KORNILOVA, M.I., red.; DROZDOV, G.M., tekhn. red.

[Those who create the new; notes of the manager of a communist labor workshop]O liudiakh, tvoriashchikh novoe; zapiski nachal'nika tsekha kommunisticheskogo truda. Moskva, Profizdat, 1962. 169 p. (Bibliotechka profsoiuznogo aktivista, nos. 23/24 (47/48)) (MIRA 15:12)
(Kuybyshev--Bearing industry)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVKOV, A., chlen Kommunisticheskoy Partii Sovetskogo Soyuza s 1915 g.

An inspiring example. Sov. profsoiuzy 17 no.7:10-12 Ap '61.
(MIRA 14:3)
(Lenin, Vladimir IL'ich, 1870-1924)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVKOV, S., inzh.; YEPIFANOV, P., inzh.

Automatic photographic cameras used in wind tunnels.
Izobr.i rats. no.8:32 Ag '58. (MIRA 11:9)
(Photography, High speed)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

S/170/60/003/005/011/017
B012/B056

AUTHOR: Lovkov, S. Ya.

TITLE: Determination of the Conditions of Optimum Initial Adjustment of an Interferometer of the Mach-Zender Type When Used in Experimental Investigations

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 5, pp. 103 - 105

TEXT: Recommendations are given with reference to the fact that in practice unsuitable adjustment occurs in connection with Mach-Zender interferometers. For this purpose, a relation (Ref. 4) between the width μ of the interference band, the angle of convergence α of the interfering rays, and the light wavelength λ is used. By means of this relation, the conditions for an optimum adjustment of the device are obtained quite easily. The ratio $\mu_{experiment}/\mu_{adjustment}$ is diagrammatically shown in Fig. 1 as a function of the ratio $\alpha_{mean}/\alpha_{adjustment}$. In order to obtain the optimum adjustment of the interferometer for the

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respective process, the value and the sign of α_{mean} must be known. They are determined by means of one or two preliminary experiments. The optimum conditions for the initial adjustment are then selected from the diagram of Fig. 1. This is shown by an example, and Fig. 2 shows interferograms for various adjustments of the interferometer. There are 2 figures and 5 references: 4 Soviet and 1 British.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVKOV, YA.; RUDAKOVA, YE.

Agriculture - Akhtuba Valley

"Development of agriculture in the Volga-Akhtuba area in connection with the construction of the Stalingrad hydroelectric unit." Prof. I.S. Kuvshinov. Sov. agron. 10, no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952 1953. Unclassified.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVKOV, Ya.

Collective Farms

"Problems in the development of the Collective farms in the U.S.S.R." Reviewed by Ya. Lovkov Sots. sel'khoz. 23 No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

1. LOVKOV, Ya.

2. USSR (600)

4. Electricity in Agriculture

7. "Economics of production on the electrified collective farm." N. S. Vlasov. Reviewed by Ya. Lovkov. Sots. sel'khoz. 23 no. 11, 1952.

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

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVKOV, Ya. A.

M.N. Gimerov and Ya. A. Lovkov, Puty intensifikatsii sel'skogo khozyaystva SSSR /Methods of Intensifying USSR Agriculture/, Sel'khozgiz, 10 sheets.

The authors show that the growth of agricultural production in the USSR is realized on the base of application of modern machine technology, the introduction of the achievements of Soviet agrobioloby, and advanced practice.

The book is intended for agricultural specialists.

SO: U-6472, 15 Nov 1954

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

Lovkov, Ya. A.

KUVSHINOV, Ivan Stepanovich, prof.; GUMEROV, M.N., dots.; LOVKOV, Ya.A., dots.; SULKOVSKAYA, M.A., red.; GOR'KOVA, Z.D., tekhn.red.

[Economics of socialist agriculture] Ekonomika sotsialisticheskogo sel'skogo khoziaistva. Moskva, Gos. izd-vo sel'skokhoz. lit-ry, 1957. 400 p. (MIRA 11:4)
(Agriculture--Economic aspects)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

KUVSHINOV, I.S., prof.; GUMEROV, M.N., dotsent; LOVKOV, Ya.A., dotsent; GREBTSOV, P.P., red.; ZUBRILINA, Z.P., tekhn.red.

[Economic aspects of socialist agriculture] Ekonomika sotsialisticheskogo sel'skogo khoziaistva. Izd.2., perer. i dop. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 429 p. (MIRA 13:2)

(Agriculture--Economic aspects)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

LOVKOV, Ya.A., dotsent, kand. sel'skokhoz. nauk

Some problems of the intensification of agriculture. Izv. TSKHA no.6:3-11 '64 (MIRA 18:1)

1. Kafedra ekonomiki sel'skogo khozyaystva Moskovskoy ordena Lenina sel'skokhozyaystvennoy akademii imeni K.A. Timiryazeva.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

KUVSHINOV, I.S., prof., doktor ekonom. nauk; LOVKOV, Ya.A., dotsent; MERZLOV, V.K., assistent

Evaluating the economic effectiveness of the use of mineral fertilizers in agriculture. Izv. TSKHA no. 1:3-11 '65 (MIRA 19:1)

1. Kafedra ekonomiki sel'skogo khozyaystva Moskovskoy sel'skokhozyaystvennoy ordena Lenina akademii imeni Timiryazeva.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

USSR / General and Specialized Zoology - Insects. P

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 20811

Author : Petrochenko, Ye. N.; Lovkova, M. Ya.
Inst : AS USSR
Title : On the Feeding and Diapause of the Colorado Beetle (Leptinotarsa decemlineata Say)

Orig Pub : V sb.: Koloradsk. zhuk i mery bor'by s nim. M.M., AN SSSR, 1958, 186-187

Abstract : The albumen and lipoid contents of the leaves of the potato of the Lorch and Brelichingen varieties were determined during two years, and the absence of changes in any essential or regular manner in these elements was proved, as well as that of the lipocytic coefficient (ratio of lipoids to proteins) during the period of vegetation. The amount of lipoids

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

USSR / General and Specialized Zoology - Insects. P

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 20811

in the leaves of the Lorch variety in 1954 was 7.70-9.40%; of general nitrogen - 4.38-6.29% of the dry weight; the lipocytic coefficient varied from 1.35 to 2.14. In the leaves of the Berlichingen variety: lipoids were 6.60-9.30%; general nitrogen - 3.93-6.26%; the lipocytic coefficient - 1.40-1.85. -- A. M. Emme

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

PROKOSHEV, S.M. [deceased]; PETROCHENKO, Ye.I.; LOVKOVA, M.Ya.

Degeneration of potatoes and methods for its diagnosis [with summary in English]. Fiziol. rast. 5 no.3:272-277 My-Je '58. (MIRA 11:6)

1. Institut biokhimii im. A.N. Bakha Akademii nauk SSSR, Moskva.
(Potatoes—Diseases and pests)
(Biuret reaction)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

IL'INA, G.S., LOVKOVA, M.Ya.

Tobacco alkaloids and nitrogen metabolism [with summary in English].
Biokhimiia 23 no.6:814-818 N-D '58 (MIRA 11:12)

1. Institut biokhimii imeni A.N. Bekha AN SSSR, Moskva.
(TOBACCO--ANALYSIS AND CHEMISTRY)
(NITROGEN METABOLISM)
(ALKALOIDS)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

IL'IN, G.S.; LOVKOVA, M.Ya.

Biogenesis of nicotine and conversion of nitrogenous substances in tobacco sprouts. Biokhimiiia 24 no.2:274-279 Mr-Ap '59 (MIRA 12:7)

1. Institute of Biochemistry, Academy of Sciences of the U.S.S.R., Moscow.

(TOBACCO) (AMINO ACID METABOLISM)
(NICOTINE)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6

IL'IN, G.S.; LOVKOVA, M.Ya.

Conversion of nicotine and amino acids in ripening tobacco seeds.
Biokhimiia 24 no.5:838-841 S-O '59. (MIRA 13:2)

1. Institut biokhimii im. A.N. Bakha Akademii nauk SSSR, Moskva.
(TOBACCO metab.)
(NICOTINE metab.)
(AMINO ACID metab.)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000930620005-6"