"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYENKO, V.B.; DEVKIN, B.V.; KOTEL'NIKOVA, G.V.; KULABUKHOV, Yu.S.; LOVCHIKOVA, G.N.; SAL'NIKOV, O.A.; TIMOKHIN, L.A.; TRUBNIKOV, V.R.; FETISOV, N.I.

Inelastic scattering of 14 Mev. neutrons and the nuclear level density. IAd. fiz. 2 no.5:826-838 N '65.

(MIRA 18:12)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

L 30074-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AT6015891 SOURCE CODE: UR/3158/65/000/030/0002/0018

AUTHOR: Sal'nikov, O. A.; Fetisov, N. I.; Lovchikova, G. N.; Kotel'nikova, G. V.; Anufriyenko, V. B.; Devkin, B. V.

ORG: Physico-energetic Institute (Fiziko-energeticheskiy institut)

TITLE: Nuclear level density and spectral distribution of inelastically scattered neutrons of 14.1 Mev initial energy

SOURCE: Obninsk. Fiziko-energeticheskiy institut. Doklady, FEI-30, 1965. Spektry neuprugo rasseyannykh neytronov s nachal'noy energiyey 14, 1 Mev i plotnost' yadernykh urovney, 2-18

TOPIC TAGS: neutron scattering, nuclear energy level, neutron spectrum, excitation energy, Fermi gas

ABSTRACT: The purpose of this work is to obtain a better representation of the functional dependence of the temperature of nuclei and the nuclear level density parameters on the mass number A, the reaction (n,n') and the neutron spectrum in the reaction $(n,2n)$. The measured values of the nuclear level density parameters a, a' and a'' are presented in tabular form. In addition, a table gives the calculated values of the temperature T_N and T_1, according to the Fermi model of the nucleus. The spectra of the secondary neutrons in the reaction $(n,2n)$ were calculated using the equation

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ANUFRIYEVA, V.F.; MAMAYEVA, Ye.K.; KEYYER, N.P.; KEFELI, L.M.; TERENT'YEV, A.P.; RUKHADZE, Ye.G.

Electron paramagnetic resonance spectra of copper (II) α-thiopicolinanilide. Dokl. AN SSSR 159 no.5:1059-1061 D '64 (MIRA 18:1)

1. Institut kataliza Sibirskogo otdeleniya AN SSSR i Moskovskiy gosudarstvennyy universitet. 2. Chlen-korrespondent AN SSSR (for Terent'yev).

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, A., kandidat tekhnicheskikh nauk; RUDANOV, M., kandidat tekhnicheskikh nauk.

Construction of ponds. Sel'.stroi. 11 no.9:21-23 S '56. (MLRA 9:11)

(Ponds)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, A. (Sverdlovsk); PRIKHOD'KO, P., starshiy inzhener (Sverdlovsk)

Double radio and teletype communication. Grazhd.av. 18 no.11:27 N '61. (MIRA 15:2)

(Sverdlovsk--Airports--Traffic control)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

STRAKHOV, N.M.; LANGE, O.K.; YABLOKOV, V.S.; SARYCHEVA, T.G.; OVCHINNIKOV, A.M.; SHCHEGOLEV, D.I.; KRASHENINNIKOV, G.F.; MENYAYLENKO, P.A.; KALEDA, G.A.; ANUFRIYEV, A.A., student

Mikhail Sergeevich Shvetsov, 1885- . Izv. vys. ucheb. zav.; geol. i razv. 8 no.11:7-13 N '65. (MIRA 18:12)

1. Moskovskiy geologorazvedochnyy institut (for Anufriyev).

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, A.A.; LESKOV, L.V.

Optical pyrometry of nonuniform light sources. Opt. i spektr. 16 no.2:325-328 F '64. (MIRA 17:4)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, A. F.

Agriculture

Rural electrification in Komi A.S.S.R. Syktyvkar, Komigiz, 1952

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, A.F.

Utilization of small and medium-size watercourses of the forest zone for transportation and power generation purposes. Trudy Komi fil. AN SSSR no.9:130-134 '60. (MIRA 15:1)
(KOMI A.S.S.R.--HYDROELECTRIC POWER STATIONS)
(KOMI A.S.S.R.--LUMBER--TRANSPORTATION)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, A.F.; BRATTSEV, A.P.

Taking climatic factors into account in planning the expenditure of heating fuel in the Komi A.S.S.R. Izv.Komi fil.Geog.ch-va SSSR no.7:60-71 '62. (MIRA 15:12)
(Komi A.S.S.R.—Heating—Estimates)
(Komi A.S.S.R.—Atmospheric temperature)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

AKUFRIYEV, Aleksandr Fedorovich; SUPRYAGA, Yakov Andreyevich; BRATSEV, L.A., otv. red.; VASIL'YEV, Yu.V., red.; VOLKOVA, V.V., tekhn. red.

[Power resources of the Komi A.S.S.R.] Energeticheskie resursy Komi ASSR. Moskva, Izd-vo AN SSSR, 1963. 64 p. (MIRA 16:12)

(Komi A.S.S.R.--Power resources)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, A.F.

Water power potentials of the Pechora, the Mezen', and the Vychegda Basins. Izv. Komi fil. Geog. ob-va SSSR no.9:49-54 '64. (MIRA 18:5)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

AMUFRIYEV, A.K. (Simferopol')

Diagnosis of disease in some patients with so-called vegetoneuroses. Vrach.delo no.2:133-135 F '58. (MIRA 11:3)

1. Kafedra psikhiatrii (zav.-prof. S.F.Semenov) Krymskogo meditsinskogo instituta i Krymskaya oblastnaya psikhonevrologicheskaya bol'nitsa.
(DIAGNOSIS)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANDRIYEV, A.K.

Psychopathological variations of hypochondriac states. Probl. sud. psikh. no.13:183-193 '62. (MIRA 18:9)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

BOVIN, Andrey Andreyevich; ANUFRIYEV, Aleksandr Nikolayevich; AYZINBUD, S.Ya., kand.tekhn.nauk, red.; ~~BORROVA, Ye.N., tekhn.red.~~

[Converting steam locomotive depots to diesel locomotive depots; the experience of the Ordzhonikidze railroad] Perecborudovanie parovoznykh depo v teplovoznye; opyt Ordzhonikidzevskoi zheleznoi dorogi. Moskva, Gos.transp.zhel-dor.izd-vo, 1957. 103 p. (MIRA 10:12)

(Locomotives) (Diesel locomotives)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

TSELIKOV, A.I., akademik; KOLPASHNIKOV, A.I., doktor tekhn.nauk, prof.; ANUFRIYEV, A.N., inzh.

Flow rates and stresses in metals being rolled. Trudy MATI no.62:67-82 '65. (MIRA 18:10)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

KOLPASHNIKOV, A.I., doktor tekhn.nauk, prof.; ANUFRIYEV, A.N., inzh.

Investigating the distribution of metal pressure on the rolls during rolling. Trudy MATI no.62:83-90 '65.

(MIRA 18:10)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

S/120/62/000/001/030/061
E140/E463

AUTHORS: Anufriyev, B.F., Dokhnovskiy, S.B., Zhurkin, B.G., Kopylovskiy, B.D., Penin, N.A.

TITLE: Transistor current regulator for electromagnets

PERIODICAL: Pribory i tekhnika eksperimenta, no.1, 1962, 129-131

TEXT: A classical current regulator is described using transistor circuitry for stabilizing currents 0 to 30 A for electromagnets used in physical experiments. The voltage reference is the drop across a manganin tape in an oil bath, cooled by circulating water. This voltage drop is compared with that from a dry battery. The stabilization factor per °C is 3.03×10^4. The bandwidth of the regulator is 20 kc. There are 2 figures.

ASSOCIATION: Fizicheskiy institut AN SSSR (Physics Institute AS USSR)

SUBMITTED: May 8, 1961

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, D.V., inzh.-podpolkovnik

More accurate adjustment of radar sighting devices. Vest.protivovozd. obor. no.2:44-47 F '61. (MIRA 14:2)
(Fighter planes--Radar equipment)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

S/044/62/000/003/003/092
C111/C222

AUTHOR: Anufriyev, F. V.

TITLE: Effective difference and enlargement of the power of an operation

PERIODICAL: Referativnyy zhurnal, Matematika, no. 3, 1962, 10, 11, abstract 3A68. ("Izv. Krymsk. ped. in-ta", 1961, 35, 295-300)

TEXT: The relationship between the concept of inclusive operation (Rzh. Mat., 1959, 1356) and the concept of the power of an operation (Rzh. Mat., 1956, 3744) is examined. It is proven that from the assumption that operation Φ is more powerful than operation Φ, it follows that the first operation includes the second. An example of two positive set-theoretical operations is given of which the first is more powerful that the second, but is not inclusive relative to it. The following theorem is then proven:

If operation Φ_1 is more powerful than operation Φ, and if every basis of operation Φ has the property that the sum of its chains coincides with the natural series, then operation Φ_1 includes operation Φ.

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Ya. L. Kreynin introduces the concept of the inclusive operation in his paper (Rzh. Mat., 1959, 1356) to investigate sets which are effectively different from the ϕ - sets. In that paper the following theorem is formulated:

If operation ϕ_1 includes operation ϕ, and if the set T of the metric space R is effectively different from the ϕ_1 - sets, then T is also effectively different from the ϕ - sets. The author proves that this is also true if ϕ_1 is more powerful than ϕ. This generalization allows him to arrive at the following conclusion, which is important for the examination of sets that are effectively different from ϕ - sets:

a) if T is effectively different from all projective sets of class α, then T is effectively different from all $\bar{\phi}$ - sets and all $\underline{\phi}$ - sets, where $\bar{\phi}$ and $\underline{\phi}$ are the operations of the upper and lower limits, respectively;

b) if T is effectively different from all projective sets of class α, then T is also effectively different from all projective sets of class β for $\alpha > \beta$. The same holds for B- and C-sets.

[Abstracter's note: Complete translation.]

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, G.

Method of determining corrugations in fire tubes of marine boilers. Mor.i rech.flot 13 no.5:14-16 S '53. (MLRA 6:10)

(Steam boilers, Marine)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, G.S.; ZAGULIN, V.A.; MAMYRIN, B.A.

Cathode current stabilizer. Prib.i tekh.eksp. 6 no.5:118-120 S-O '61. (MIRA 14:10)

1. Fiziko-tekhnicheskiy institut AN SSSR.
(Voltage regulators)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

24859

9,2570

S/108/61/016/009/001/002
D202/D306

AUTHORS: Anufriyev, G.S., and Mamyrin, B.A.

TITLE: Experimental study of the white noise suppression in stroboscopic amplification

PERIODICAL: Radiotekhnika v. 16, no. 9 1961 10 - 18

TEXT: In the present article the authors present the results of experimental work undertaken to confirm the theoretical assumptions of B.A. Mamyrin (Ref. 6: Radiotekhnika vol. 16 no.3 1961) that the stroboscopic method of amplification permits for a much better S/N ratio at the output as compared with that at the input of the system; that a signal be registered at a level which is much lower than the noise level of wide band amplifiers and that reception is possible of a very noisy wide band signal with a high S/N ratio adequate to determine all signal parameters. The mathematical expression for the increase in the signal to noise ration A with stroboscopic detection as given in Ref. 6 (Op.cit.) is eq. (1).

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$$A = \frac{\left|\frac{U_s}{U_n}\right|_{out}}{\left|\frac{U_s}{U_n}\right|_{in}} = \sqrt{\frac{F_s}{2\ f_{max_{tr}}}} \qquad (1)$$

In it $\left|\frac{U_s}{U_n}\right|_{in}$ - the ratio of the signal noise to voltage at the input; $\left|\frac{U_s}{U_n}\right|_{out}$ - the ratio of the signal to noise voltage at output F_s - frequency at which the resulting signal is being sampled $f_{max_{tr}}$ - the maximum frequency of the spectrum of the transformed signal.

To simplify the calculations Eq. (1) may be rewritten as eq. (2)

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$$A = F_s \frac{T_{tr}}{2f_{max_{sp}}} \qquad (2)$$

where T_r - period of registration of the transformed signal (time used for registering one period of the signal at the system output); $f_{max_{sp}}$ - maximum frequency of the resulting signal spectrum. T_r should be long enough for the input signal during this time to remain practically constant. To check the above equations experimentally an arrangement permitting for large variations in A has to be used (of the order of 1000), hence the following parameters of the resulting signal were chosen F_s = 150kc/s $f_{max_{sp}}$ = 5 Mc/s. The other important parameters were chosen from the following considerations. For accurate measurement of resulting levels of signal and noise,

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both signal and noise at the input should be at considerable voltage levels. Since for $\left|\frac{U_s}{U_n}\right|_{out} \geq 10$ the registration of the S/N at the output produces already considerable errors for large A, U_n is still more increased. The measuring arrangement has been, therefore, designed so as not to produce any noticeable distortion with the voltage during an input of 10V. The choice of duration τ_0 of the pulse, gating this circuit was determined by the requirement of undistorted signal shape at the output according to (Ref.6: Op.cit.) $\tau_0 \leq \frac{1}{2f_{max_{sp}}}$, the bloc diagram of experimental circuitry for effective noise attenuation is given. The results of the experiment are shown by the oscillograms, for which the rise time of input pulse signals $\approx$ 0.2 microsecond, pass-band at the input $\approx$ 5Mc/s the evaluated increase in S/N ration A$\approx$270; $T_{tr} \approx$ 32 sec. The same arrangement was used for a series of measurements of quantity A $[A=\varphi(\nu T_{tr})]$

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S/108/61/016/009/001/002
D202/D306

Experimental study of the white...

for a different T_{tr} and F_s and $f_{m_{tr}}$. The experimental error did not exceed 10%. In detecting by the above method very small level signals difficulties arise due to low frequency fluctuations in the detecting and L.F.Circuits. To overcome it the absolute level of the signal at the input should be increased by a wide band amplifier (ШПУ) (ShPU) inserted between the signal source and the converter. Thus connected, the wide band amplifier does not affect the noise of the system. If the signal source is a current generator with internal resistance $R_i \to \infty$ then by applying an anti-interference circuit, the noise level may be reduced to that produced by the equivalent noise resistance of the valve R_{nv} of the first stage of amplification of a simple anti interference cct or to half the level of that noise in complex circuits (Ref. 9: V.L. Kreytsev, Videousiliteli (Video Amplifiers), Izd. "Sovetskoye radio" 1952); (Ref. 10: O.B. Lure, Usiliteli videochastoty (Video Frequency Amplifiers), Izd. "Sovetskoye radio" (1955)) with such an amplifier an additional improvement A' of the S/N ratio can be obtained.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

$$A' = \frac{U_{n_{tr}}}{U_{n_{wb}}} \approx 2\sqrt{\frac{R_{n_{tr}} + R_{in}}{R_{n_v}}} \qquad (3)$$

in which $U_{n_{tr}}$ the noise level of converter reduced to the input, $U_{n_{wb}}$ - same of the wide band amplifier. Juice multi-electrode valves are used except for a triode in the first stage of wide band amplifier $\frac{R_{n_{tr}}}{R_{n_v}} \approx 10$ and $A' \gtrsim 6$.

If the signal is from a voltage generator ($R_i \to 0$) the anti-interference cannot be used and the improvement in A" is approx-

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S/108/61/016/009/001/002

Experimental study of the white... D202/D306

imately $$A'' = \frac{U_{n_{br}}}{U_{n_{wb}}} \simeq \sqrt{\frac{R_{n_{tr}} + R_{in}}{R_{n_v} + R_{in}}} \quad \text{and } A'' \approx 1 \div 3. \qquad (4)$$

In the experiment a wide band commercially produced wide band amplifier type Yu- 10 (USh - 10) was used, with an additional preamplifying stage. The wide band part of the arrangement had the following parameter: pass band $0.1 \div 5$ Mc/s the effective noise level at the input 20 microvolt, maximum gain 250,000. The block diagram of the whole arrangement is given. Finally the possibility of obtaining a very high S/N ratio (of the order of 100) at the output of system was investigated. It is stated in conclusion that the obtained improvement figures are by no means final and that the arrangement used did not require any additional adjustments during its operation and that the discussed method of detection could be recommended for designing compact instruments when solving many scientific and technical problems. There are 7 figures and 12 Soviet-bloc references.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

S/120/62/000/001/022/061
E140/E463

AUTHORS: Mamyrin, B.A., Anufriyev, G.S., Kalinkovich, I.F.

TITLE: High-repetition-rate millimicrosecond pulse generator

PERIODICAL: Pribory i tekhnika eksperimenta, no.1, 1962, 99-101

TEXT: A straightforward pulse generator based on amplification of sine waves, clipping and differentiation, using vacuum tube techniques, is described. The input frequency may be varied between 10 kcs and 2 Mcs, output pulse amplitude up to 200 V (output impedance not mentioned), pulse width 5 ns at half-amplitude points. There are 3 figures and 1 table.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN SSSR (Physicotechnical Institute AS USSR)

SUBMITTED: June 2, 1961

Card 1/1

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ACCESSION NR: AP4018378 S/0120/64/000/001/0121/0123

AUTHOR: Anufriyev, G. S.; Afonin, O. F.; Mamy*rin, B. A.

TITLE: Suppression of noise accompanying the nuclear-magnetic-resonance signal of a magnetic-field meter

SOURCE: Pribory* i tekhnika eksperimenta, no. 1, 1964, 121-123

TOPIC TAGS: nuclear magnetic resonance, magnetic field meter, IMI-2 meter, noise suppression, stroboscopic noise suppression, magnetic field measurement

ABSTRACT: The use of a synchronous detector enhances the accuracy of the magnetic-field measurement but impairs the signal shape. To avoid the latter shortcoming, a stroboscopic method of noise suppression is advanced. The stroboscopic device (its functional and simplified electrical diagrams are supplied) ensures a 5-50 times higher signal-to-noise ratio and yields an output signal whose shape corresponds to the shape of the original signal but in a

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ACCESSION NR: AP4018378

different time scale. A provision is made for turning the stroboscopic device into a synchronous detector when warranted by experimental conditions. An IMI-2 magnetic-field meter and an ENO-1 oscilloscope are used. The maximum repetition frequency at the IMI-2 output is 270 kc. Orig. art. has: 3 figures and 1 formula.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN SSSR (Physico-Technical Institute, AN SSSR)

SUBMITTED: 22Mar63 DATE ACQ: 18Mar64 ENCL: 00

SUB CODE: NS NO REF SOV: 002 OTHER: 000

Card 2/2

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ABSTRACT: A new spectrometer is described in which no magnet is used, a large-area ion source is applicable, and a panoramic spectrum can be obtained in

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pulses propelling the ions from the ionization space into the drift space,

presented

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ANUFRIYEV, G.S.; MAMYRIN, B.A.

Transit-time mass spectrometer with stroboscopic transformation of the output signal. Prib. i tekh. eksp. 9 no.5:150-157 S-O '64. (MIRA 17:12)

1. Fiziko-tekhnicheskiy institut AN SSSR.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

L 32661-66 EWT(m)/EWP(j)/T IJP(c) WW/RM

ACC NR: AP6015049 (A) SOURCE CODE: UR/0190/66/008/005/0834/0840

AUTHOR: Anufriyev, G. S.; Pozdnyakov, O. F.; Regel', V. R.

ORG: Physicotechnical Institute im. A. F. Ioffe (Fiziko-tekhnicheskiy institut)

TITLE: Application of mass spectrometry to the study of polymer thermal degradation

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 5, 1966, 834-840

TOPIC TAGS: ~~polymer~~, polymethylmethacrylate, monomer, mass spectrometer, activation energy, POLYMER DEGRADATION, THERMAL DECOMPOSITION

ABSTRACT: A time-transient mass spectrometer with a stroboscope transformer of emitted signals has been used for investigating the composition and the kinetics of liberation of volatile products of polymethylmethacrylate thermal decomposition. The advantages of this method over others were demonstrated. The mass spectrum of the monomer and of the products of polymethylmethacrylate thermodegradation were recorded. The activation energy of polymethylmethacrylate thermodegradation at the initial stage was found to be 30 kcal/mol and in subsequent heating 50 kcal/mol. The authors thank B. A. Mamyrin for his help and

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ACC NR: AP6015049

participation in discussions of the results. Orig. art. has: 5 figures, 3 formulas and 1 table. [Based on authors' abstract] [NT]

SUB CODE: 11, 20/ SUBM DATE: 03May65/ ORIG REF: 011/ OTH REF: 006

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APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, I., pochetnyy shakhter, brigadir prokhodchikov.

Possibilities for economy in drifting. Mast.ugl. 3 no.2:11-12 F '54. (MLEA 7:3)
(Coal mines and mining)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIIEV, I.

Fuller satisfaction of workers' needs. Mast.ugl. 3 no.5:23-24 My '54. (MLRA 7:6)

1. Brigadir prokhodchikov shakhty "Yagunovskaya" kombinata Kuzbassugol. (Coal mines and mining)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, I.

We are improving the work of our enterprise. Mias.ind. SSSR. 25 no.5: 17-18 '54. (MLRA 7:11)

1. Direktor konservnogo zavoda Petropavlovskogo myasokombinata.
(Meat, Canned)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, I.; SHEREGEDA, L.; ARSENI, M.

People are growing. Sov. profsoiuzy 17 no.19:27-29 O '61. (MIRA 14:9)

1. Predsedatel' zavodskogo komiteta kishinevskogo zavoda "Vibropribor" (for Anufriyev). 2. Predsedatel' komiteta profsoyuza gal'vanometricheskogo tsekha zavoda "Vibropribor" (for Sheregeda). 3. Profgruppog slesarnogo uchastka mekhanicheskogo tsekha kishinevskogo zavoda "Vibropribor" (for Arseni).
(Kishinev--Instrument industry) (Trade unions)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

BUSHUYEV, I.; ANUPRIYEV, L.; AVAK'YANTS, A.

Switching devices for oscillographs. Radio no.2:40-44 F '59. (MIRA 12:4)

(Oscillograph--Equipment and supplies)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

9(3) SOV/107-59-2-34/55

AUTHOR: Anufriyev, L.

TITLE: Two-Channel Electronic Commutators (Dvukhkanal'nyye elektronnyye kommutatory)

PERIODICAL: Radio, 1959, Nr 2, p 41 (USSR)

ABSTRACT: This is a description of 2 commutator circuits. In the first, germanium diodes of the type DG-Ts6 are used. When the voltage in one of the diagonals of the transistor diode bridge is increased to such an extent that the diodes begin to conduct, then the resistance will be low on the other diagonal and equal to the straight diode resistance. If, on the other hand, the voltage polarity is changed, then the diodes will not conduct and the resistance of the bridge diagonals will consequently increase up to the amount of the diode reverse resistance. The commutating current must be greater than the signal current. In the other commutator system, the voltage to be examined is conducted to triode tubes, which are blocked in turn by

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ANUFRIYEV, L.; VASIL'YEV, L.

Directed deposition of the condensate in stock buildings. Sel'. stroi. 17 no.2:20 F '63. (MIRA 16:3)

1. Sotrudniki Nauchno-issledovatel'skogo instituta sel'skikh zdaniy i sooruzheniy Akademii stroitel'stva i arkhitektury SSSR.
(Condensation) (Farm buildings)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

GORSKIJ, G.I. [Gorskiy, G.I.], CSc.; ANUFRIJEV, L. [Anufriyev, L.], inz.

Problem of determining the heat transfer coefficient of internal surfaces of thin-walled cattle barns. Stav cas 11 no.10:608-613'63.

1. Vedeckovyskumny ustav polnohospodarskych stavieb Statneho vyboru pre vystavbu SSSR (Gosstroj), Orel.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

KEMLINA, A.G.; ANUFRIYEV, L.A.

The beetle Hotinchoplia rufipes Motsch., a new pest of ash in the Maritime Territory. Soob.DVFAN SSSR no.12:153-155 '60. (MIRA 13:11)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR.
(Maritime Territory--Beetles)
(Ash (Tree)--Diseases and pests)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

PLAVIL'SHCHIKOV, N.N. [deceased]; ANUFRIYEV, L.A.

A new species of the genus Phymatodes (Coleoptera, Cerambycidae). Zool. zhur. 43 no.10:1565-1569 '64. (MIRA 17:12)

1. Zoologicheskiy muzey Moskovskogo gosudarstvennogo universiteta i Primorskaya plodovo-yagodnaya stantsiya.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, L.N., kand.tekhn.nauk (Orel); POZIN, G.M., inzh. (Orel)

Method of calculating the temperature of nonheated greenhouses.
Vod.i san.tekh. no.12:3-7 D '65. (MIRA 19:1)

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[illegible], [illegible] inch.

[illegible] the [illegible] for the radiation of certain [illegible] with diffused [illegible]. Strol. mat. 10 [illegible] (MIRA 18:2)

[illegible]

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, L.N., inzh.

Features of the calculation of heat exchange in livestock buildings. Izv.ASiA 4 no.4:122-125 '62. (MIRA 16:1)
(Barns)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIEV, M.

Svetomaskirovka na zheleznodorozhnom transporte. [Light discipline (camouflage) on railroads]. (Za oboronu, 1946, no. 22 p. 20).

DLC: TK504.Z3

SO: SOVIET TRANSPORTATION AND COMMUNICATION, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

AUTHORS: Dem'yankov, N., Candidate of Technical Sciences, 66-1-5/26
Anufriyev, M., Engineer and Nekrutman, S., Eng.

TITLE: On using semi-conductor resistance thermometers on refrigerated trains. (O primenenii poluprovodnikovykh termometrov soprotivleniya na poyezdakh-refrizheratorakh).

PERIODICAL: "Kholodil'naya Tekhnika" (Refrigeration Engineering), 1957, No.1, pp.19-21 (U.S.S.R.)

ABSTRACT: The Soviet industry manufactures thermistors with resistance variations of 5 to 10% and variations in the temperature coefficients of 1 to 2%; these variations are too large to allow interchangeability of such thermistors. For eliminating this drawback the Leningrad Technological Institute of the refrigeration industry (Leningradskiy Tekhnologicheskiy Institut Kholodil'noy Promyshlennosti) applies an intermediate circuit connected between the thermistor and the input terminals of the metering apparatus. This Institute has proposed a design of a thermistor, which in a single u n i t, is combined with the interchangeability circuit. In comparing the thermistor characteristic $R_t = f(t)$ it is advisable to apply a potentiometric method of metering of this resistance, since that method is simple

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, M.I.

The "pick-ax" attachment for the pneumatic drill. [Suggested by M.I.Anufriev]. Rats. i izobr. predl. v stroi. no. 4:82-83 '57. (MIRA 11:8)

(Pneumatic tools)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, M.Ye., insh.

Improving the insulated rolling stock equipped with refrigeration machinery. Zhel.dor.transp. 42 no.1:68-69 Ja '60.
(MIRA 13:5)

1. TSentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya.
(Refrigerator cars)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

DOROGOVOY, A.I., pechveved, kandidat sel'skokhozyaystvennykh nauk; MOISEYCHENKOV, G.I., inzhener-gidrotekhnik; SHTOL'TS, S.K., lesovod; MALYSHEV, A.M., agronom, kandidat sel'skokhozyastvennykh nauk; KAZACHENKO, B.V., agronom [deceased]; RADZHUVEYT, A.P., krayeved; PONOMAREVA, A.A., entomolog; ANUFRIYEV, P., redaktor; BANNIKOV, P., redaktor; GORENSHTEYN, G., tekhnicheskiy redaktor.

[Nature in Penza Province] Priroda Penzenskoi oblasti. Penza, Penzenskoe kn-vo, 1955. 458 p. (MLRA 9:6)
(Penza Province--Natural history)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

CHINAYEV, M.I.; TSINGOVATOV, L.V. [illegible] red.; ANUFRIYEV, I., red.

[Nature calendar of Penza Province] Kalendar' prirody Penzenskoi oblasti. Saratov, Privolzhskoe knizhnoe [illegible] vo, 1964. 138 p. (MIRA 18:[illegible])

1. Deystvitel'nyy chlen Penzenskogo otdela [illegible] geograficheskogo obshchestva. [illegible] agrometeorolog Penzenskogo [illegible] (for Petrova).

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

MOROZOV, G.I., inzh.; [illegible], Ye[illegible], inzh.; [illegible], [illegible], red.

[Technology of chemical machinery manufacture; methodological textbook for correspondence course students of special secondary schools] Tekhnologiia khimicheskogo mashinostroeniia; uchebno-metodicheskoe posobie dlia uchashchikhsia zaochnykh srednikh spetsial'nykh uchebnykh zavedenii. Penza, Penzenskoe knizhnoe izd-vo, 1963. 27 p. (MIRA 17:11)

1. Penza. Mashinostroitel'nyy tekhnikum.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

1. ANUFRYEV, P. I.

2. USSR (600)

4. Spinning

7. Double-process preparation of yarn for slubbing. Tekst. prom. 12 no. 12 1952.

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

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, P.I.

Effect of adjusting loom reeds on the reduction of yarn breakage. Tekst.prom. 14 no.10:29-31 O '54. (MLRA 7:10)

1. Zaveduyushchiy tkatskim proizvodstvom fabriki imeni Krasnoy Armii i Flota.
(Looms)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, V.

19955 ANUFRIYEV, V. Rezervy mvxhchnosti kholodil'nikov pri myasokombinatakh. Myas. industriya SSSR, 1949, No. 3, s. 23-27.

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

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, V.

Plan efficiently the intraprovincial transportation of grain and grain products. Muk.-elev.prom. 20 no.5:29-30 My '54. (MLRA 7:7)

1. Galichskiy punkt Zagotzerno.
(Grain--Transportation)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

AHUFRIYEV, V.

Simplify original accounting. Sots.trud. no.11:103-105 N '56. (MLRA 10:1)

1. Ekonomist TSentral'nogo statisticheskogo upravleniya pri Sovete Ministrov SSSR.

(Shoe industry--Accounting)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, V., dotsent; YESENTAYEVA, R.

Determining the quantitative ratio of the slaughtered beef cattle dependent on the live weight. Mias.ind. SSSR 33 [i.e.34] no.2:21-24 '63. (MIRA 16:4)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti.
(Slaughtering and slaughter houses—Statistics)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, V., dotsent; YESENTAYEVA, R.

Principle of similarity for the production lines processing large beef cattle. Mias. ind. SSSR 34 no.4:54-56 '63. (MIRA 16:10)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, V.; DOLGOVA, L.

Some physical characteristics of meat cuts and bones after boning. Mias. ind. SSSR 33 no.4:47-49 '62. (MIRA 17:2)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, V.; KIRILLOVA, G.; KIKNADZE, N.; CHERVYAKOVA, L.S., red.; VOLKOVA, V.G., tekhn. red.

[Sauces, spices] Sousy, spetsii. Moskva, Izd-vo "Ekonomika," 1964. 151 p. (MIRA 17:4)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

YAKOBSON, Mikhail Osipovich, prof., doktor tekhn.nauk. Prinimala uchastiye IL'INA, K.A., insh., ANUFRIYEV, V.A., insh., retsenzent; SHTERN, L.T., insh., red.; MODEL', B.I., tekhn.red.

[Technology of machine-tool manufacture] Tekhnologiia stankostroeniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 547 p. (MIRA 13:5)
(Machine tools--Construction)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, V.A.; KHITRUN, N.M.; OL'KHOVSKIY, K.V.; ROKOTIN, A.I., inzh., retsenzent; VLADIMIROV, V.M., inzh., red.

[Large-lot production of milling machines] Krupnoseriinoe proizvodstvo frezernykh stankov. Moskva, Mashinostroenie, 1965. 206 p. (MIRA 18:4)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

L 20720-66 EWT(1)/EWT(m)/ETC(m)-6 DIAAP/IJP(c) WW

ACC NR: AP6007812 SOURCE CODE: UR/0120/66/000/001/0053/0061

AUTHOR: Anufriyenko, V. B.; Dovkin, B. V.; Ivanov, A. A. Kotel'nikova, G. V.; Kulabukhov, Yu. S.; Lovchikova, G. N.; Sal'nikov, O. A.; Timokhin, L. A.; Fetisov, N. I.

ORG: Institute of Physics and Power Engineering, GKAE (Fiziko-energeticheskiy institut GKAE)

TITLE: Neutron transit-time spectrometer

SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1966, 53-61

TOPIC TAGS: spectrometer, neutron spectrometer

ABSTRACT: A new fast-neutron transit-time spectrometer is described which can measure a neutron spectrum from 100 kev to 14 Mev. Monochromatic 14-Mev neutrons are produced by a $T^3(d, n)He^4$ reaction; deuteron energy, 250 kev; deuteron-pulse duration, 7 nsec; beam interruption before acceleration is used (sketch supplied). The neutron detector and electronic equipment are briefly described. The spectrometer resolution determined from a δ-peak is 4 nsec/m; channel width, 2.12 nsec; integral nonlinearity, 0.2%. From a time-to-pulse-height converter, the signals are fed to a 256-channel analyzer. The resolution time is 8 nsec; transit base, 2 m; linear dynamic range, 400 nsec. The photomultiplier is equipped with a noise-elimination device, and the detector is well protected from the background noise,

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ACC NR: AP6007812

both features ensuring a high effect-to-background ratio when 100-kev neutrons are measured. The spectrometer operation is illustrated by a spectrum of neutrons inelastically scattered by Mn. "In conclusion, the authors wish to thank B. S. Novikovskiy and Ye. P. Ukraintseva for tending the accelerator operation, V. G. Zolotukhin for discussing the spectrometer efficiency, and N. S. Biryukov, M. D. Bityutskaya, V. A. Rumyantseva, A. M. Trufanov, and Ye. S. Chernichenko for their part in measurements and data processing." Orig. art. has: 9 figures and 3 formulas. [03]

SUB CODE: 18, 09 / SUBM DATE: 11Jan65 / ORIG REF: 004 / OTH REF 006/ ATD PRESS: 4223

Card 2/2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, Viktor Illarionovich; PSHONIK, Lazar' Mikhaylovich; EVENCHIK, Vladimir Nikolayevich; LAPITSKIY, Nikolay Petrovich; KASHTANOV, F., red.; STEPANOVA, N., tekhn.red.

[Manual for foremen and workers of mixed brigades operating on a business accounting basis] V pomoshch' brigadiru i rabochim kompleksnykh khozraschetnykh brigad konechnoi produktsii. Minsk, Gos.izd-vo BSSR. Red.proizvodstvennoi lit-ry, 1960. 130 p. (MIRA 14:3)

(Construction industry--Finance)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

SERGEIN, I.N., ANUFRIYEV, V.I., IVANOV, F.M.

Technology of one-stage injection into channels with prestressed reinforcements. Avt. dor. 21 no. 7:18-19 Jl '58. (MIRA 11:8)
(Prestressed concrete)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

SKREGIN, Ivan Nazarovich; AMURRIYEV, Viktor Ivanovich; IVANOV, Fedor Mikhaylovich. Prinimali uchastiye: VASYUTA, L.G.; VALYUS, V.M.; VOROB'YEVA, K.G.; ZHAROVA, Ye.P.; NEFEDOVA, Ye.F.; IVANTEYEVA, N.I.; ZUBKOVA, M.S., red.; DONSKAYA, G.D., tekhn.red.

[Injection into channels with stressed reinforcements] In"ektirovanie kanalov s napriazhennoi armaturoi. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog, 1960. 23 p. (MIRA 13:4)

1. Gosudarstvennyy Vsesoyuznyy doroshnyy nauchno-issledovatel'skiy institut (SOYUZDORNII) (for Vasyuta, Valyus, Vorob'yeva, Zharova, Nefedova, Ivanteyeva).
(Bridges, Concrete)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

SEREGIN, Ivan Nazarovich; PSHENICHNIKOV, Sergey Nikolayevich; ANDRIYEV, Viktor Ivanovich; BYCHENKOV, Yuriy Dmitriyevich; TUMAS, Ye.V., red.; DONSKAYA, G.D., tekhn.red.

[Technology of building prestressed reinforced concrete bridges] Tekhnologiia postroiki predvaritel'no napriazhennykh zhelezobetonnykh mostov; posobie masteru. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 171 p. (MIRA 14:4)

(Bridges, Concrete)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEVA, V.I. [Anufriieva, V.I.]

New sealing machine for the canning industry. Khar.prom. no.1:77-78 Ja-Mr '62. (MIRA 15:8)
(Canning industry--Equipment and supplies)
(Sealing (Technology))

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

PRILEYEV, A. I., kandidat tekhnicheskikh nauk; SURKOV, V.D., professor, doktor tekhnicheskikh nauk, redaktor; SEMENOVA, N.L., redaktor; ANUFRIYEV, V.V., inzhener, retsensent; SHUVALOV, V.N., kandidat SHUVALOV, V.N., kandidat tekhnicheskikh nauk; GOTLIB, E.M., tekhnicheskiy redaktor

[Operation of vacuum pumps in the meat and milk industries] Ekspluatatsiia vakuum-nasosov v miasnoi i molochnoi promyshlennosti. Moskva, Pishchepromizdat, 1955. 104 p. (MLRA 9:1)
(Vacuum-pumps)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

AMUFRIYEV, V.Ye.

Wage system for punch-press operators. Leg. prom. 16 no.1:19 Ja '56. (Wages) (Metal industries) (MLRA 9:6)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, V. YE.

USSR/ Engineering - Hydraulics, Water Storage — Feb 52

"Underground Water Reservoirs," V. Ye. Anufriyev, Cand Tech Sci

"Gidrotekh i Melio" No 2, pp 30-39

Discusses necessity of arranging water storage under ground due to local climatic and hydrogeol conditions existing mainly in south and southeast USSR. Underground reservoirs, eliminating water loss by evapn, are subject to contamination of water to lesser extent, absence of

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silting process, smaller temp variation and other advantageous factors. Outlines various methods of water accumulation

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ANUFRIYEV, V.Ye.; AKSEL'ROD, L.S.; KARAGODIN, V.L.; SAKHAROV, V.M.; PUSHTOREKIY, Ye.I., redaktor; VINOKUROVA, Ye.B., redaktor; PETROVSKAYA, Ye.tekhnicheskiy redaktor.

[Hydraulic engineering for cities] Gorodskaia gidrotekhnika. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1954. 270 p.(MLRA 8:1)
(Hydraulic engineering) (Municipal engineering)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANDRIYEV, V. Ye.

USSR,

1705. Andriev, V. E., Siphon-spillway for stilling the tail-race flow (in Russian), *Gidrotekh. Stroi.* 23, 1, 39-41, Jan 1954

A siphon with a diverse outlet is proposed to produce opposite flow in the tailrace of a spillway, or a usual submerged siphon, for efficient dissipation of energy instead of stilling pools or baffles.

S. Kolupaila, USA

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, Vladimir Yefimovich, kandidat tekhnicheskikh nauk; PUSHTORSKIY, Ye. I. redaktor; PETROVSKAYA, Ye., tekhnicheskiy redaktor.

[Struggle with landslides in urban areas; hydraulic engineering] Bor'ba s opolzniami na gorodskikh territoriiakh; gidrotekhnicheskie meropriiatiia. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 99 p. (MLRA 9:4)
(Landslides)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, V.Ye., dotsent, kand.tekhn.nauk; KURDYUMOV, M.D., inzh., retsenzent; SMYSLOV, V.V., kand.tekhn.nauk, retsenzent; KOSYURA, G.G., kand.tekhn.nauk, retsenzent; BULAVA, M.M., dots., retsenzent; DRANNIKOV, A.M., doktor geol.-mineralog.nauk, retsenzent; KIRICHKO, I.M., dotsent, retsenzent; POBEGAYLO, I.M., inzh., retsenzent; UCHITEL', I.Z., red.; GUROVA, O.A., tekhn.red.

[Hydraulic engineering structures for cities] Gorodskie gidrotekhnicheskie sooruzheniia. Moskva, Izd-vo M-va kommun.khoz., 1957. 264 p. (MIRA 11:7)
(Hydraulic engineering)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

AMURINSKIY, V.Ye., kand. tekhn. nauk; KURDYUMOV, M.D., spets. red.; PROTSENKO, D.I., red. izd-va; GUROVA, O.A., tekhn. red.

[Protecting inhabited places from floods] Zashchita naselennykh mest ot zatopleniia. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1958. 145 p. (Flood control) (MIRA 11:7)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

AUTHOR: Anufriyev, V.Ye., Candidate of Technical Sciences 98-58-3-9/22

TITLE: Raft Chute With a Hydraulic Braking System (Plotokhod s gidravlicheskim tormozheniyem)

PERIODICAL: Gidrotekhnicheskoye Stroitel'stvo, 1958, Nr 3, pp 32-33(USSR)

ABSTRACT: One of the elements of hydraulic power installations are raft chutes and log sluices. Where these is a great difference between upper and lower water level, raft chutes sometimes attain lengths of several hundred meters, for which reason their incline is 0.01 - 0.02. Raft chutes of 0.03 incline have to be provided with speed checking devices, which are not free from danger. The incline, however, may be consi. ably increased, going up to 0.5-0.7 and consequently the length of a chute may be shortened accordingly, if a counterflow of water, opposing the downward slide of the raft acts as a brake. This counterflow is achieved by a system of pipes connected with the chute in such a way that the water is discharged in a direction opposite to the traveling rafts. The nozzles of the pipes are set at an angle of 30-35° to the floor of the chute. Figure 1 shows the construction of a raft chute. The upper head is equipped with a gate which allows the rafts to pass; as the gate is lowered a valve opens and lets water

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Raft Chute With a Hydraulic Braking System 98-58-3-9/22

into the system of pipes which discharges it into the chute. In the Hydraulic Laboratory of the Moskovskiy lesotekhnicheskiy institut (Moscow Forest-Technical Institute), a model of the raft chute (1:100 scale) was constructed in order to study the operation of the hydraulic braking system. The studies were carried out by the author in cooperation with engineer A.P. Shakhovtsev and Professor N.V. Polyakov. The system of pipes was replaced on the model with a water reservoir placed underneath the chute. It was found that the speed of the raft can be controlled by the amount of water admitted into the counterflow system. It should be considered, however, that water enters the chute from two sources; the raft gate at the upper head and from the counterflow device. Experiments will be continued on a larger scale model which is to be constructed. There are 2 figures.

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1. Inland waterways-Equipment 2. Sluices-Design 3. Log rafts-Handling-Equipment

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

SOV-26-58-11-18/49

AUTHOR: Anufriyev, V.Ye., Candidate of Technical Sciences

TITLE: Underground Water Reservoirs (Podzemnyye vodokhranilishcha)

PERIODICAL: Priroda, 1958, Nr 11, pp 89 - 91 (USSR)

ABSTRACT: The author gives the advantages of underground water reservoirs (demonstrated by examples chosen from France, pre-war Germany and Tsarist Russia) and says that the installation of underground water reservoirs, in addition to other limited water storage possibilities, would best serve the drinking water problem in the Soviet Transvolga region, North and Central Kazakhstan, where the total humidity of the atmosphere and precipitation can be less than 120 mm as compared with a mean annual evaporation of above 2,000 mm (80 to 90% of the annual moisture is formed by spring melting waters). There are 3 diagrams.

ASSOCIATION: Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut/Moskva (The All-Union Institute for Civil-Engineer Correspondence Courses / Moscow)

1. Water supplies--Storage 2. Water supplies--USSR

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

GRATSIANSKIY, M.N., kand. tekhn. nauk; KOSTOMAROV, V.M., kand. tekhn. nauk; ALEKSANDROVSKIY, Yu.V., kand. tekhn. nauk; KARAGODIN, V.L., inzh.; KARAGODIN, A.L., inzh.; ANUFRIYEV, V.Ye., kand. tekhn. nauk; KURDYUMOV, M.D., inzh.; DZHUNKOVSKIY, N.N., doktor tekhn. nauk, prof.; ABRAMOV, S.K., kand. tekhn. nauk; KEDROV, V.S., kand. tekhn. nauk; GIBSHMAN, Ye.Ye., prof., red.; YEGOROV, P.A., inzh., red.; VARGANOVA, A.N., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Manual for the design, construction and operation of urgan roads, bridges and hydrotechnical structures] Spravochnik po proektirovaniiu, stroitel'stvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh sooruzhenii. Red. kol. E.E. Gibshan, N.N.Dzhunkovskii, P.A.Egorov. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.2. [Hydrotechnical structures] Gidrotekhnicheskie sooruzheniia. Red. toma: N.N.Dzhunkovskii, M.D.Kurdiumov. 1961. 706 p. (MIRA 15:3)
(Hydraulics) (Hydraulic engineering)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

OLENNIKOVICH, N.M.; ANUFRIYEV, Yu.P.; PARSHIN, A.Ya.

Eleventh Conference on Low-Temperature Physics. Uspe. fiz. nauk 87 no.4:723-730 D '65. (MIRA 19:1)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ANUFRIYEV, Ye.D.

Use of Pomeranchuk's effect in producing ultralow temperatures. Pis'. v red. Zhur. eksper. i teoret. fiz. 1 no.6:1-7 Je '65. (MIRA 18:10)

1. Institut fizicheskikh problem imeni Vavilova AN SSSR.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000101820008-1

ACCESSION NR: AP4041130 S/0053/64/083/002/0361/0369

AUTHORS: Anufriyev, Yu. D.; Parshin, A. Ya.

TITLE: Tenth all-uion conference on low temperature physics

SOURCE: Uspekhi fizicheskikh nauk, v. 83, no. 2, 1964, 361-369

TOPIC TAGS: low temperature research, cryogenics, liquid helium, metal physical property, semiconductor property

ABSTRACT: The regular, tenth all-union conference convoked by the Scientific Council on the Problem of "Low Temperature Physics" was held in Moscow on 26 through 30 June 1963. The total number of participants exceeded 500. Approximately 120 papers were delivered. The program of the conference covered properties of liquid helium, superconductivity, electronic properties of metals and semiconductors, cryogenic techniques, and many other questions. The introductory address was made by Academician P. L. Kapitza. The present status of

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ACCESSION NR: AP4041130

critical velocities in liquid helium and properties of quantum vortices were reviewed in a paper by V. P. Peshkov. The nature of critical velocities was the subject of papers by V. K. Tkachenko, and of B. N. Yesel'son, Yu. V. Kovdar', and B. G. Lazarev. A communication by G. A. Gamtsemlidze, Sh. A. Dzhaparidze, and Ts. M. Salukvadze was devoted to an attempt at direct observations of coupling between vortex filaments and a solid surface. E. L. Andronikashvili and L. A. Zamtaradze have observed that with increasing rate of rotation, the rate of flow of the helium over the film decreases and reverses sign at a certain angular velocity. Rotating helium is also the subject of a paper by Yu. G. Mamaladze and S. G. Matinyan. Two papers at the conference concerned the propagation of sound in helium, one by A. F. Andreyev and I. M. Khalatnikov on the temperature dependence of the speed of sound in HeII, and one by A. N. Shaanova on the reflection of zero sound from a solid wall. The question of the state diagram of He^3 and He^4 mixtures was considered in the papers of K. N. Zinov'eva and N. G. Bereznyak and of I. V.

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ACCESSION NR: AP4041130

Bogoyavlenskiy and B. N. Yesel'son. A paper by E. L. Andronikashvili, R. A. Bablidze, G. V. Gudzhabidze, L. A. Zamtaradze, Dzh. S. Tsakadze, and G. V. Chanishvili dealt with the influence of rotation on the λ-transition temperature in helium. Dzh. S. Tsakadze talked of the kinetics of formation of the meniscus on the surface of rotating helium.

Different problems connected with superconducting alloys, their properties, preparation, and use for the production of extremely strong magnetic fields were reported in a review article by N. Ye. Alekseyevskiy. N. Ye. Alekseyevskiy, N. N. Mikhaylov, M. N. Smirnova, A. N. Fedotov and S. A. Khromov, and also Yu. F. By*chkov, I. N. Goncharov, V. I. Kuz'min, and I. S. Khukhareva, investigated the influence of heat treatment on the critical parameter of superconducting alloys based on Nb and Zr. N. V. Volkenshteyn and E. V. Galoshina measured the transition temperature of V-Sc alloys. N. Ye. Alekseyevskiy reported an investigation of the magnetic properties of

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ACCESSION NR: AP4041130

Nb alloys, and also the observation of superconductivity in many alloys and compounds. A review paper by A. A. Abrikosov and L. P. Gor'kov was devoted to the theory of superconducting alloys belonging to the second group of superconductors. V. V. Shmidt investigated a model of such a superconductor comprising a dielectric slab threaded longitudinally by thin superconducting filaments. L. P. Gor'kov and A. I. Rusinov investigated the coexistence of superconductivity and ferromagnetism and constructed possible phase diagrams for it. N. Ye. Alekseyevskiy and M. N. Mikheyeva investigated the temperature dependence of the critical current of thin films. Such films have very large critical fields, which do not depend on the film thickness (B. G. Lazarev, Ye. Ye. Semenenko, A. I. Sudovtsev). Another group in Khar'kov (I. G. Yanov, A. A. Maksakova, and O. N. Ovcharenko) measured the critical fields of thin films of niobium and obtained results which agreed with the theoretical calculations. S. Ya. Berkovich and R. A. Chentsov attempted to take account of the influence of the inhomogeneities of real films on the kinetics of the de-

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