DANEK, Jiri, inz.

Apparatus for quick determination of water content. Prum potravin 13 no.5:265-266 My '62.

1. Statni inspekce jakosti potravinarskych vyrobku, Praha.

DANEK, Jiri, inz.

A reliable method for determining the free water content in butter. Prum potravin 13 no.6:320-321 Je '62.

1. Statni inspekce jakosti potravinarskych vyrobku, Praha.

SCHNEIDER, Jindrich, ins.; DANEK, Jiri, inz.

Measuring the consistency of processed cheese. Prum potravin 13 no.9: 493-496 S 162.

1. Ministerstvo petravinarskeho prumyslu, Praha (for Schneider).

THE STREET STREE

2. Statni inspekce jakosti potravinarskych vyrobku, Praha (for Danek).

CERNA, Eva, inz.; DANEK, Jiri, inz.

Use of the refractometric method for determining the composition of frozen cream products. Prum potravin 14 no.2:89-91 F '63.

1. Vyzkumny ustav mlekarensky, Praha (for Cerna).

AND STATES BUILD FOR A SECOND OF THE SECOND SECOND

2. Statni inspekce jakosti vyrobku potravinarskeho prumyslu, Praha (for Danek).

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DAKEK Jiri, inz.; FORT, Josef, inz.

International standardization of the Gerber method. Prum potravin 14 no.5:269-270 My *63.

1. Statni inspekce jakosti vyrobku potravinarskeho prumyslu, Praha (for Danek). 2. Ustredni kontrolni a zkusebni ustav zemedelsky, Praha (for Fort).

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Experience with the apparatus for qu. k determining of water content. Frum potravin 15 no.3: All-la. Mr for.

1. Research Institute of Dairy Industry, Frugue, of merna.

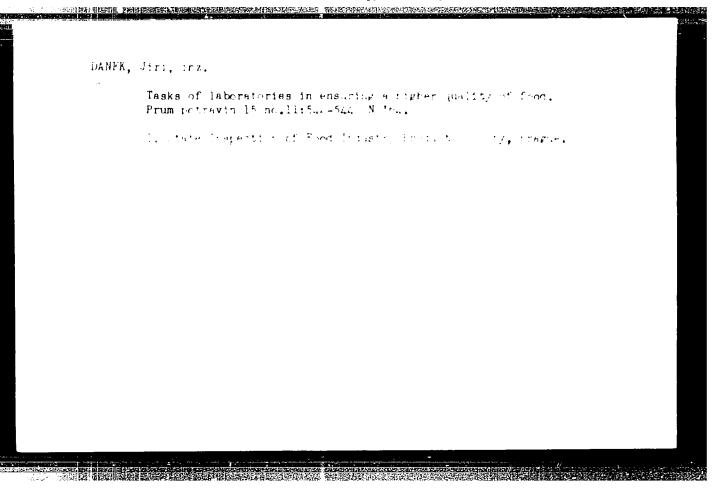
2. State Inspection of Food Froduct quality, Frugue (for Janek).
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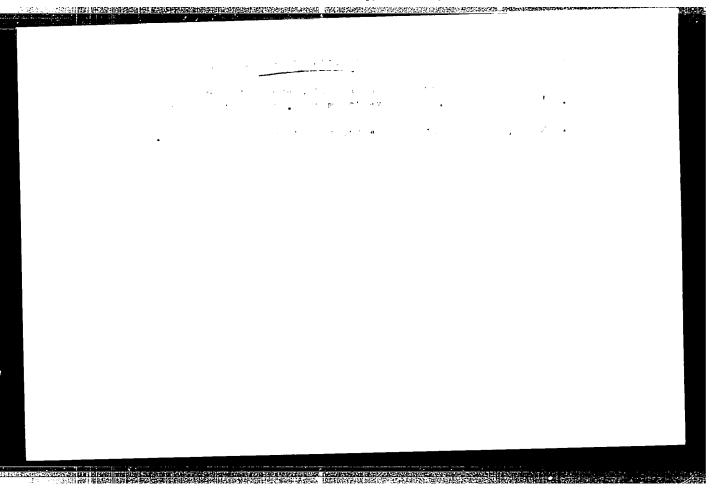
· DANEK, Jiri, inz.

Laboratory control in the food industry, its importance and development. Prum potravin 15 no.5:205-208 My '64.

1. State Inspection of Food Product Quality, Prague.

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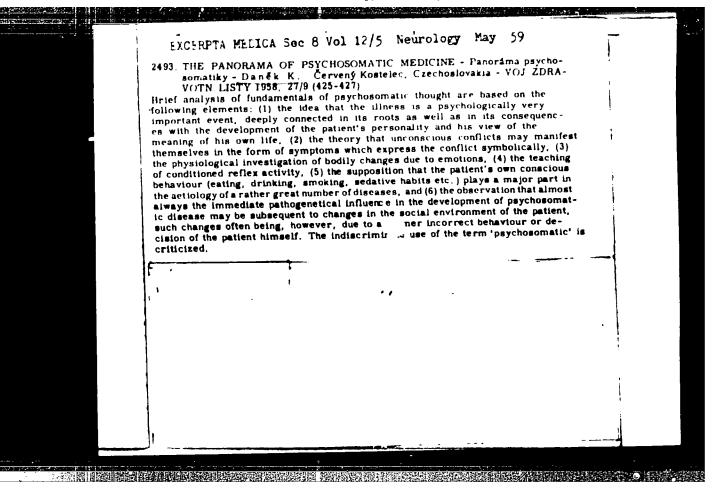


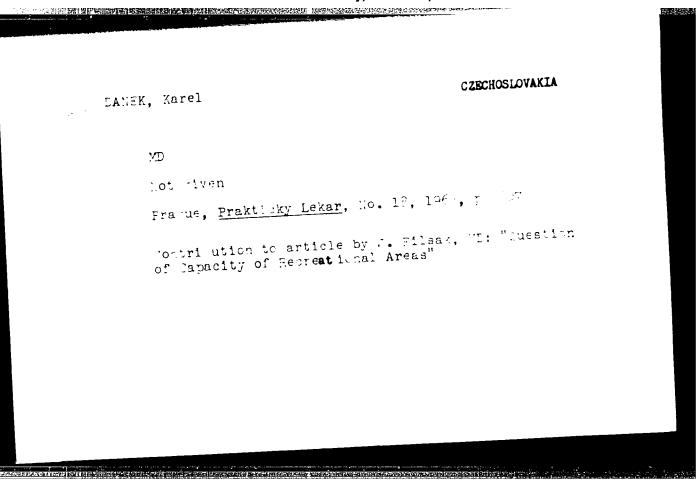


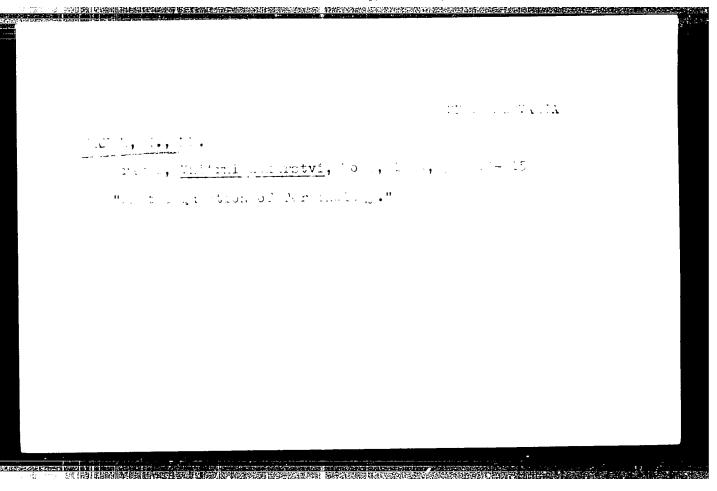
DANEK, Joger

Report from the Secondary Industrial School of Food Technology in Prague. Kvasny prum 9 no.Pil97 kg 103.

1. Stredni prumyslova skala je travilarske technologie, prana.







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PHASE I BOOK EXPLOITATION

DATE OF THE PROPERTY OF THE PR

CZECH/3466

Daněk, Milan, Engineer

Aerodynamika a mechanika letu pro piloty a techniky (Aerodynamics and Mechanics of Flight for Pilots and Technicians) Prague, Naše vojsko, 1958. 289 p. (Series: Knižnice letectví, sv. 21). 3,000 copies printed.

Ed.: Karel Zelenf.

PURPOSE: The book is intended for fliers and students of aviation technicums and flying schools.

COVERAGE: The author presents the theory of flight and maneuverability in a practical way, i.e., without discussing aerodynamic relations or proving the validity of aerodynamic formulas. Although preliminary knowledge of mathematics and fluid mechanics is assumed, the theories are presented in simple terms. Exercises at the end of the book can be solved without using higher mathematics. No personalities are mentioned. There are 6 references: 3 Soviet, and 3 Czech.

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10 1000 26 1000 (2114 4216) Danek, Milan, Engineer AUTHOR: Through the sound during the control of TITLE: STACE PERIODICAL: Krith whast, to -TEXT: The article leads with the impulent of the control of the co co version of kinetic energy into potential energy of a secret during climb and descent, respectively, children the control of the contr above the dense atmospheric layers. When the to all the art is the art, if aircraft in this speed range a military is a second and a second and are all practically and a second and are all practically and are all and are all are a second and are all are as a second and are all are a second and are a second tically be in cosmic space the where it once perform a "hamp" forward hundred kilometers. The aircraft we discuss the tile is to be a set of the tre path and exall displace in the feet of the feet of the feet of the aircraft but on the feet of the feet of the aircraft but of the feet of the fee the thin atmospheric rest . However, the control of the triangle attraction and the control of t , H Card 1/3

CIA-RUPOC e : je, z / - : Through the sound and heat tarrier ... either in the front or the rear part of the factor age to write point erther in the front or the rear part of the adventure to the first part of the control the adversariation. Furthermore, hypersonic plaints to the description could be built, capable of circling the world with the course of the could be built, capable of distinct and was a second of the country of the countr acling the aircraft to complete the rest of the utilizing the tremendous initial aircraft. ce equipped with present control of the terminal of or the figure of the control of the emporte of deceleration and described of the control of the contro sector. Better 1997 11 999 Solved. Are the second 1 - v - v 1 1 - 1 - 1 A second of the \mathbb{H}_{j} ·

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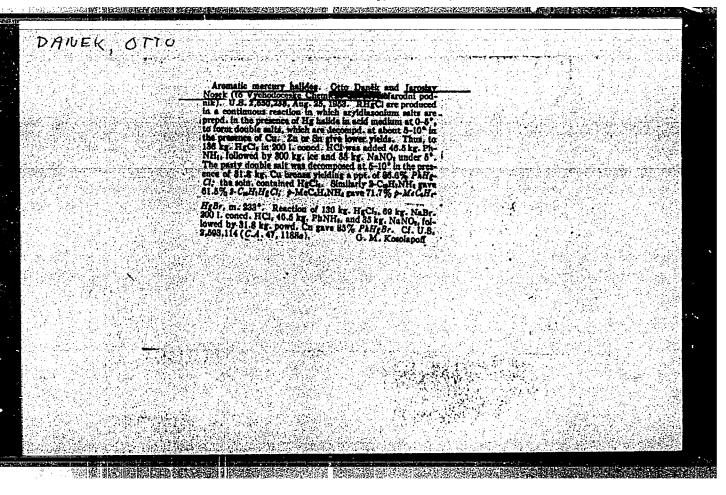
In a pione ship equipped only with her toward drawing equipment and its rescally would pose civiling problems. The resenting of such a space ship on the effected by adequate, heatproform in configure and parachutes. While selecting proper shapes for non-carriers, it could be possible to derive a considerable portion of the interpretation of mother and imparted to shook makes which are at a sufficient introde from the space ship. The amount flights of Y. A. Foreign and J. C. Titov lemonstrated that the Soviets have successfully solved some of the most difficult problems of space flight. The rapid improvement of their space ships suggests that further successes of Soviet cosmonaction on he expected in the near future. There are followers.

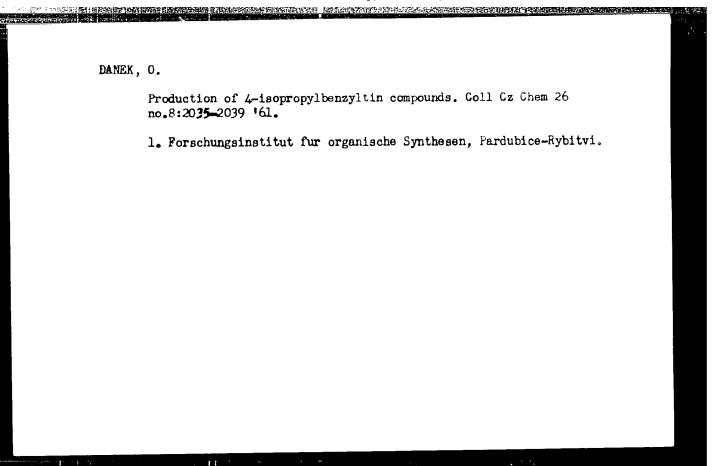
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St: Sast Eurotean, 1. C. Vol. 2, No. 12, Dec. 170
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S/081/62/000/023/110/120 B117/B186

AUTHORS: Daněk, Otto, Novák, Jindřich

TITLE: Method of stabilizing chlorine-containing polymers and co-

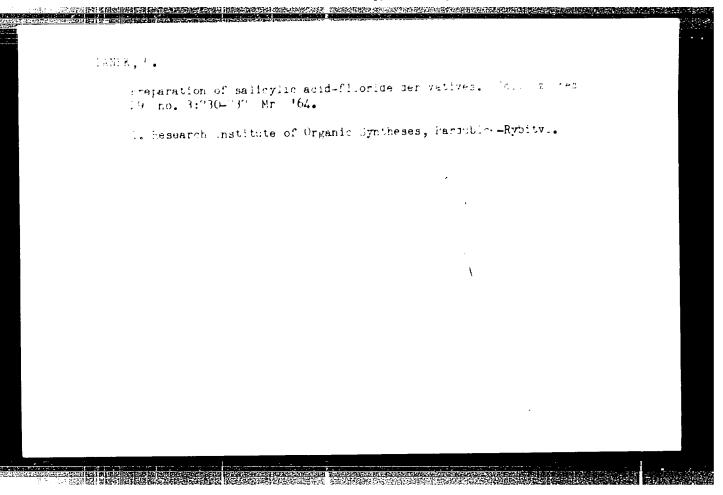
polymers, and other highly chlorinated compounds

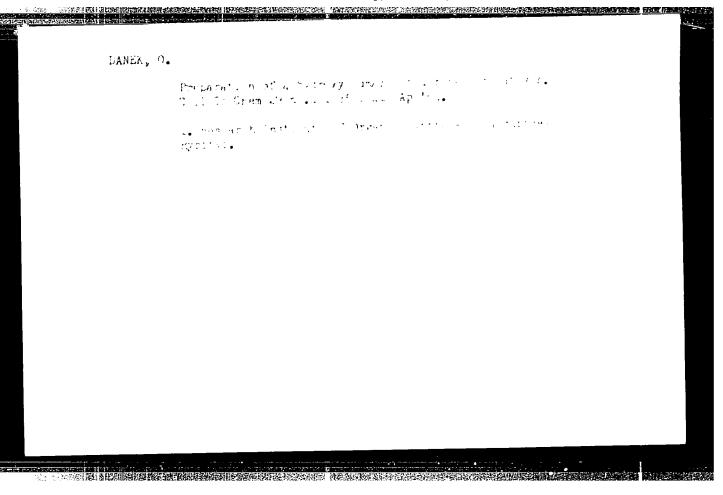
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1)62, 751, abstract

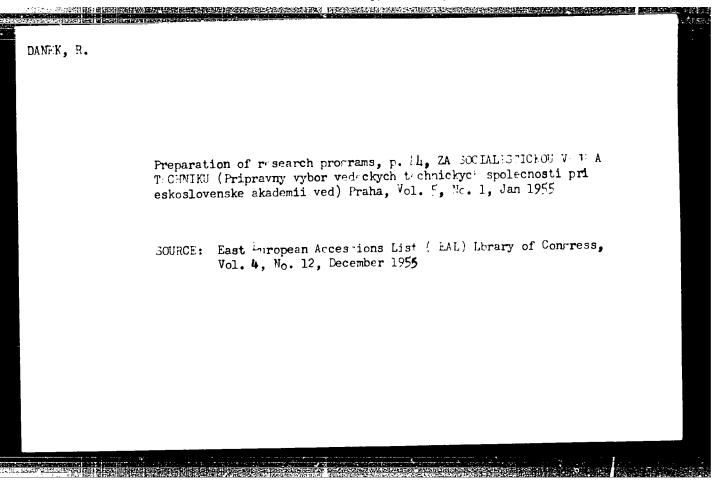
23P526 (Pat. CzSSR 100677, August 15, 1961)

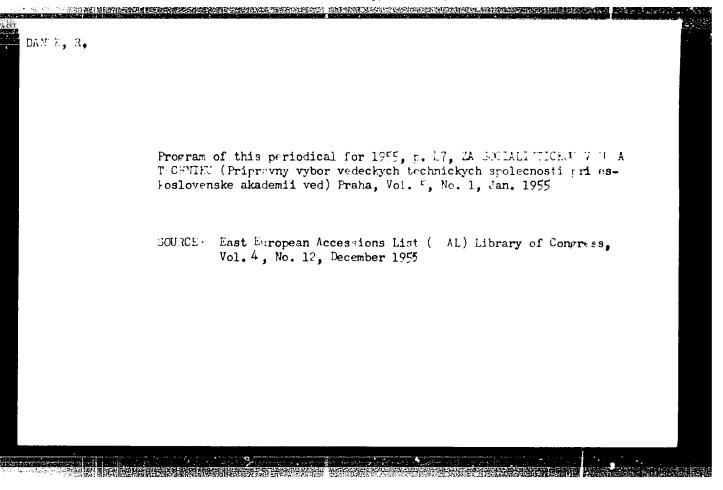
TEXT: To prevent the discoloration of chlorine-containing polymers, e.g. polyvinyl chloride, additions (0.5 - 5%) of compounds having the common formula $(C_4H_9)_2Sn(OOCCH=CHCOOR)_2$ are used during heating. R stands for 2-ethyl hexyl, dimethyl cyclohexyl (isomer mixture), alkyl, or alkenyl with 8 - 20 C atoms. [Abstracter's note: Complete translation.]

Card 1/1









NAME OF THE PARTY OF THE PARTY

Z/006/61/000/018/001/001 E073/E535

AUTHOR: Daněk Radoslav

Card 1/2

TITLE: Up to Six Times Longer Service Life

PERIODICAL: Technické noviny, No.18 May 3 1961 p.5

TEXT: As a result of joint work of Technolen and the Vyzkumný ústav pro valivá ložiska (Antifriction Bearings Research Institute) vUVL, Brno, a new type of special belt for driving grinding spindles has been produced. Several types of belts were tested rayon, silon, polyamide and terylene strips with various types of impregnation and some imported materials. Best results were achieved with woven terylene belts impregnated with oil-resistant rubber. During high speed grinding tests on a BDA 40 machine a comparison was made between the performance of these belts and the performance of rayon belts impregnated with linseed oil. A terylene belt of equal strength weighs only a third of that of a rayon belt, it hardly stretches at all during service. The "third coefficient" of this belt is about 15% higher and it can be used for circumferential speeds up to 80 m/sec, whilst rayon belts are suitable only for speeds up to 30 m/sec. The vibrations of the ground spindle

Up to Six Times Longer ...

Z/006/61/000/018/001/001 E073/E535

were 30% lower and the waviness of the ground surface was reduced by 20%. The noise dropped from 105 db to 95 db. The power consumption was 1 kW lower for the terylene belt than for the rayon belt. The cost of the terylene belt is about 45% higher but the service life is 2 to 6 times as long. Terylene belts will be used by the ZKL Works; Brno for their grinders BDA 40, for their oscillating grinders etc. The new type of belt enabled carrying out high speed grinding with a BDA 40 grinder. This new type of belt proved very satisfactory and is as good as any foreign produced belt. The above Research Institute recommends that it should be generally used for grinders. It is manufactured by Technolen, Lomnice nad Popelkou.

。 《2月·周·日本》(1000年) 1000年 1000

[Abstractor's Note: This is a complete translation. "silon" is a polycapronamide (HN(CH₂)₅CO-)_n

Card 2/2

BALEK, A. [Bálek, Alexej]; DANEK, S. [Daněk, Stanislav], inzh.; POFF, A. [Foff, Arthur], inzh.; KOLVODA, Ya. [Kalvoda, Jan], doktor; SIMID, Y. [Schmid, Josef], inzh.; SHKVOR, I. [Scvor, J.], doktor; VATTTS, A. [Waitz, Antonín], inzh.; ROMASHKIN, N.I. [translator]; VEKSHIN, G.K. [translator]; TEACHEVA, T.K. [translator]; OSTROUMOVA, V.S., red.; SEMENOVA, N.Kh., red.; KAPRALOVA, A.A., tekhn.red.

[General inventory of fixed assets in Czechoslovakia] General nais inventarizatsiia canovnykh fondov v Chekhoslovakii. Moskva, Gos. statist.izd-vo, 1959. 101 p. (MIRA 13:2)

(Czechoslovakia--Inventories)

S 261-62-000-009-001-001 4007-1207

Authors Beran, J. Danek, V., and Kopecky Fr

Title PUMP FOR LIQUID METALS [Abstractor's note incomplete translation of Czech title]

Periodical Referations scharnal, Mashinostrovenive, no. 9, 1962, abstract, 34,9 [80] (Techn. sprays CKD)

v. 6, no. 12, 1960, 393, 399)

Text Description is given of a pump for convexing liquid metals. A system of rotating permanent magnets creates a rotating magnetic field. The movable pumping tube passes between the pole shoes of these magnets

[Abstractor's note | Complete translation]

Card 11

DANEK, V., inz.; RYBAR, J., inz.

Examination of flow conditions in turbocompressors by means of electrolytic bath. Strojirenstvi 12 no.10:760-767 10 0 '62.

1. Ceskomoravska-Kolben-Danek Praha.

MATIASOVSKY, Kamil, inz., C. Sc.; DANEK, Vladimir, inz.; MALINOVSKY, Milan, doc., inz., C. Sc.

Contribution to the methods of measuring the critical flux density in cryolite fusion electrolysis. Chem zvesti 17 no.3:211-216 163.

1. Ustav anorganickej chemie, Slovenska akademia vied, Bratisleva, Dubravska cesta (for Matiasovsky). 2. Katedra anorganickej chemie, Slovenska vysoka skola technicka, Bratislava, Kollarovo namesti 2 (for Danek and Malinovsky).

DANEK, Vaclay, inz.; TEPLY, Karel, ins.

Results of the experimental operation of program controlled knee-type milling machines in the Towarny na obrabeci stroje Eurim National Enterprise. Stroj vyr 11 no.5:222-232 My 163.

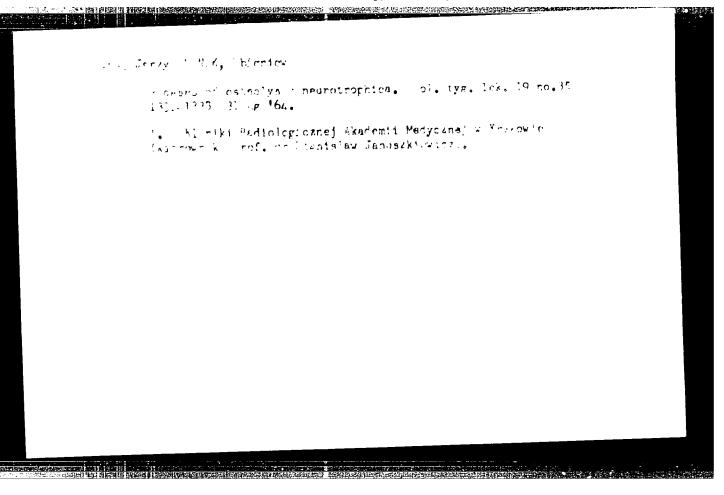
1. Towarny na obrabeci stroje Kurim, n.p. Kurim.

DANEK, Z.

DANEK, Z. Remarks on forest transportation in mountains. p. 17.

Vol. 29, no. 8, Aug. 1955
IAS POLSKI
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Poland

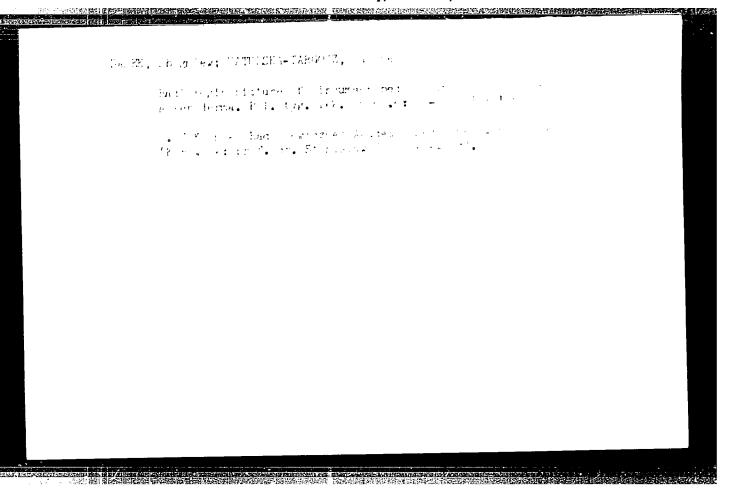
So: East European Accession, Vol. 6, No. 5, May 1957

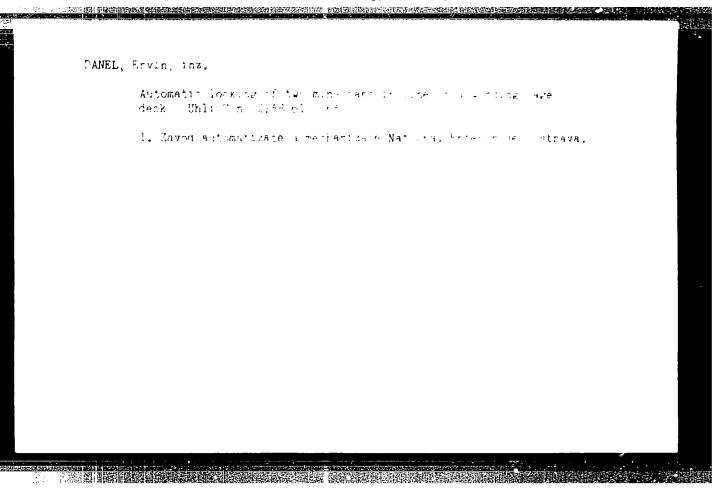


SZAFRAN, Leslaw; DANEK, Zbigniew; WITEK, Jerzy

Usefulness of routine roentgenographic examination in the diagnosis of intra-orbital foreign bodies. Distry. Jek. 20 no.38:1425-1427 20 S tof.

I. V Kliniki Radiologiczneł AM w Aram wie for rowniki in f dr. Stanislaw Januszkiewicz i v Kliniki ob rob rzu AM w Erakowie ikierownik; prof. tr. Marian wie rek.





USSR/Mathematics - Non-Euclidean space

FD-1431

Card 1/1

: Fub. 64 - 9/9

Author

: Danelich, I. A. (Kursk)

Title

: Unique determinability of infinite convex polyhedra in a Lobachevskian

space

Periodical

: Mat. sbor., 35 (77), pp 569-573, Nov-Dec 1954

Abstract

: By a polyhedron the author, following A. D. Aleksandrov, means a surface composed of a finite number of polygons (a polygon is a region on a plane bounded by a finite number of segments). In the present work the author demonstrates the unique determinability of closed convex polyhedra in a Lobachevskian space by utilizing Cauchy's lemma. One reference, A. D. Aleksandrov, Vypuklyye mnogogranniki [Convex polyhedra], Moscow-Leningrad,

State Technical Press, 1950.

Institution :

Submitted

: December 9, 1953

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

AUTHOR: Danelich, I. A., 20-2-4/62

图 2015年19日 1915年 1915年

TITLE: The Unique Definiteness of Several Convex Surfaces in the Lobachevskiy Space (Odnoznachnaya opredelennost' nekotorykh vypuklykh

poverkhnostey v prostranstve Lobachevskogo)

PERIODICAL: Doklady Akad. nauk SSSR, 1957, Vol. 115, Nr 2, pp. 217-219, (USSR)

ABSTRACT: This paper consists of the description of 4 definitions, one lemma and 8 theorems. The author defines the following concepts: cap, generalized orispheric cap in the Lobachevskiy space, infinite convex

neralized orispheric cap in the accounts, sharply convex infinite surface with p infinitely distant points, sharply convex infinite surface. The theorems: Theorem 1: F₁ be a convex cap with limited specific curvature in the Lobschevskiy space and F₂ be an isometric cap to it. Then F₂ is congruent to F₁ or its mirror image. Theorem cap to it. Then F₂ is congruent to F₁ or its mirror image.

2 says something on the existence of a generalized "orispheric" cap isometric to the surface F. Theorem 3: Every in itself convex, finite domain on a convex surface is isometric to a certain generative domain on a convex surface is isometric to a certain generative domain on a convex surface is isometric to a certain generative domain on a convex surface is isometric to a certain generative domain on a convex surface is isometric.

nite domain on a convex surface x with the congruence or the lized orspheric cap. Theorem 4 deals with the congruence of the mirror image congruence of the surface x and x. Theorem 5 treats the replacebility of the surfaces x and x by means of a movement

or a movement with reflection. Theorem 6: When the pointed, even, convex, infinite surface F_1 with limited specific curvature is isometric to the convex, even surface F_2 , the surface F_2 is congruent

or mirror image congruent to F_1 . Theorem7: The set of points ω of a Card 1/2 convex surface F of the Lobachevskiy space, which has no normal

The Unique Definiteness of Several Convex Surfaces in the 20-2-4/62 Lobachevskiy Spac ϵ .

Dupin's indicatrix, has the measure zero. Theorem 8 treats the existence of a derivation in every normal point of a convex surface F of the Lobachevskiy Space. There are 4 references, 3 of which are Slavic.

ASSOCIATION: Kursk State Pedagogical Institute (Kurskiy Gosudarstvennyy pe-

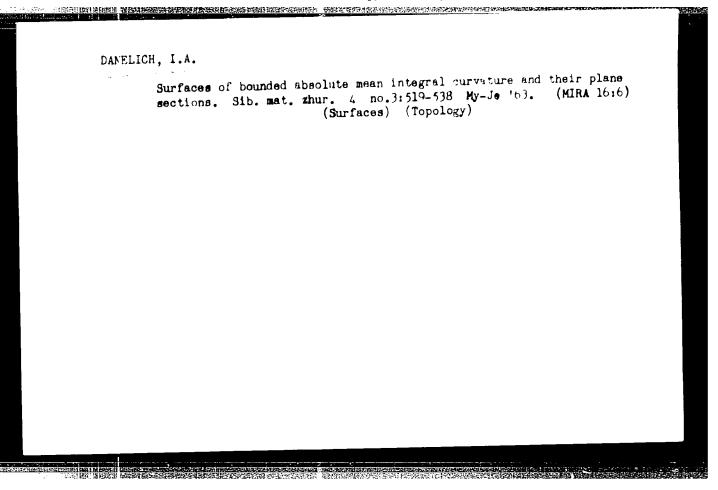
dagogicheskiy institut)

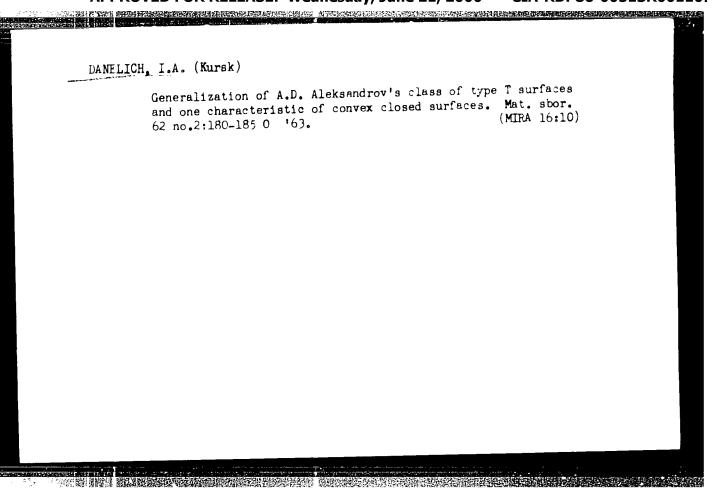
PRESENTED BY: Aleksandrov, P. S., Academician, February 2, 1957

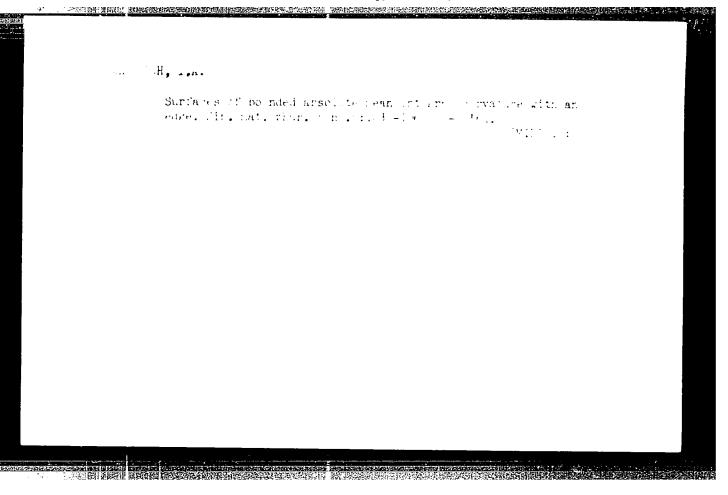
SUBMITTED: May 24, 1956

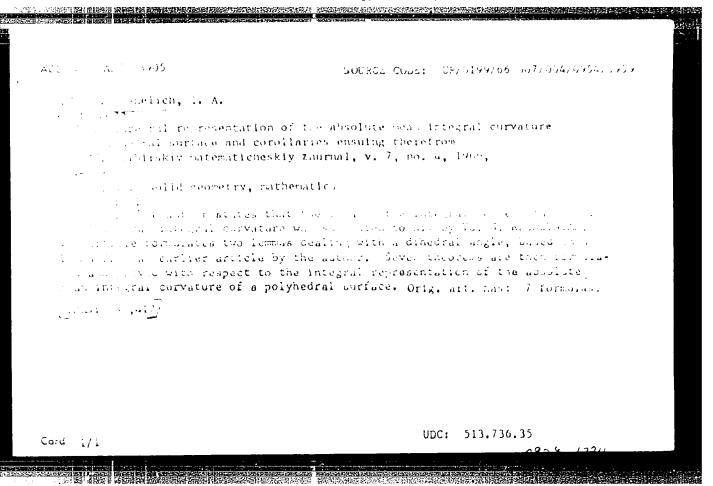
AVAILABLE: Library of Congress

Card 2/2









ACC NR: AP7008932

SOURCE CODE: UR/0199/66/007/005/1199/1203

DANELICH, I. A.

"Evaluating the Area of a Surface of a Bounded, Absolute Mean Integral Curvature Through Its Absolute Mean Integral Curvature and the Sum of the Lengths of the Boundary Curves"

Novosibirsk, Sibirskiy Matematicheskiy Zhurnal, Vol 7, No 5, Sep-Oct 66, pp 1199-1203

Abstract: The present article is intended to supplement an earlier article by the author on such surfaces in which there were no evaluations of surface area. The following theorem is formulated: "Let F be a surface of bounded, absolute mean integral curvature whose boundaries are rectifiable. Then F is a rectifiable surface and its area

$$\sigma(F) \leq (2/\pi^2) [M(F) + (\pi/2)S] \cdot [M(F) + (\pi/4)S],$$

where S is the sum of the lengths of the boundaries and M(F) is the absolute mean integral curvature of F. If, in this connection, F is a closed surface, then

$$\sigma(F) \leq (2/\pi^2) M^2(F).$$

ir...art. hast 2 formulas. [JPRS: 40,303]

TO 10 TAG: mathematics, geometry

SUB CODE: 12 Card 1/1

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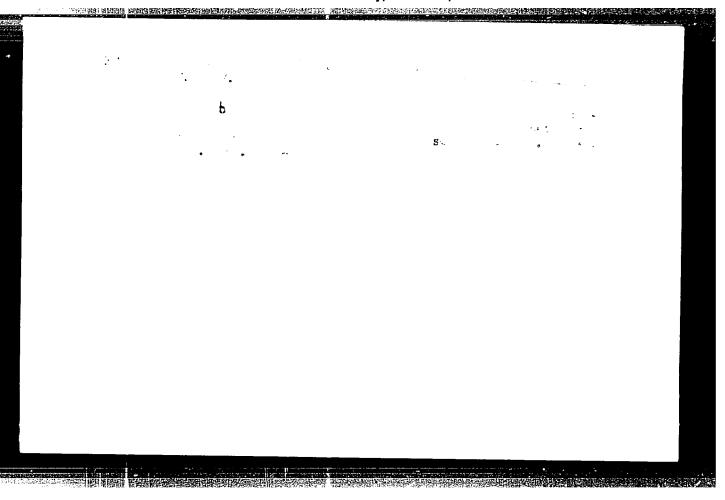
APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

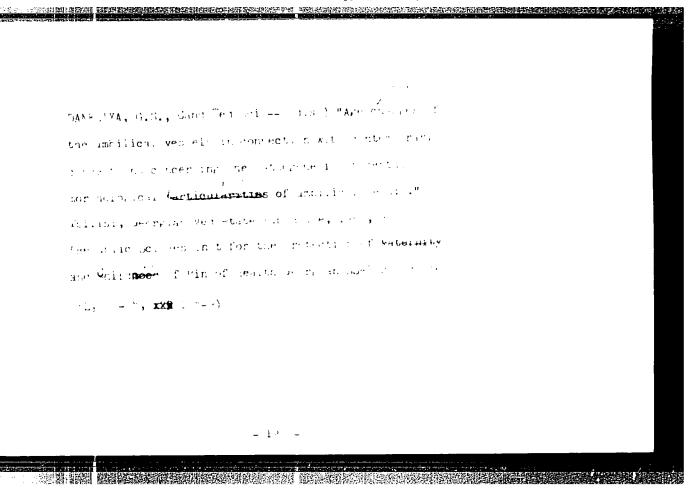
DANTLIK, I.Ya., assistent

Materials on the study of the role of the nervous system in the pathogenesis of experimental tuberculosis of the gastrointestinal tract. K izuch.roli nerv.sist.v par., immun.i lech.tub. no.2:229-236 '61.

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo instituta tuberkuleza i iz kafedry legochnogo tuberkuleza (zav. prof. A.f. emenov) Josudarstvennogo instituta dlya usovershenstvovaniya vrachy.

(ALIMENTARY CANAL—TUBEFCTLOSIS) (NEFTCUS SYCTEM)





TSACAPELI, G.A.; PKHAKADZE, S.M.; DANF!IYA, G.S.

Some characteristics of the clinical course and histological picture of atypical proliferation of the chorial epithelium. Trudy Inst. eksp. morf. AN Gruz. SGR 11:251-256 16.3.

(MIRA 17:11:

1. Institut akusherstva i ginekologii M nisterstva zdravookhraneniya GruzSSP.

S. M. 124-58-7-7865

Translation from Referativnyy znama. Moreovera 1995 No. 7, p. 86 (USSR)

AUTHOR Daneliva G. 7

FITLE Elongation and Flexure of a Tapered Combosite Arder Caused by a Force Couple (Rastyazhenive a zegib par et sil suzhennogo

sostavnogo brusa)

PERIODICAL | Ir. Gruz politekhn and 1957 Nr 4 to 20 pp 155-148 (in

Georgian; Russian resume

ABSTLACT The problems of tension and bending stresses in a tapered composite girder generated by a force couple are examined

The Tapered bar configuration according to P.M. Riz (see Ize AN SSSR. Ser. matem. 1934. Nr.4) is taken to be a body bounded by a surface F. | xil+kz. | xil+yiz = 0 and two planes z=0 and z=1, where k is a small parameter, the squares and the higher powers of which are disregarded and prismatic beam stressed by specific body and surface forces. The three-dimensional problems obtained subsequently are re-

duced to boundary problems relative to the plane of the com-

*Elongation and Flexure of a Tapered Composite a rater over the dispuse ement components obtained do not remain and a timous when traversing the surfaces of a material separation. In the procession work of the author, under the same title (see Tr. Travepoutesmount, 1955; Nr 2 (37) - 167 - 174 - RZhMekh 1957; Nr 2 (abstract 2342) a vase was investigated where the materials constituting the girder have the some Poisson ratio but different moduli of elasticity. In the present case the solution of P.M. Riz for a homogeneous girder is adopted with hardly any changes.

A.K. Rakhadze direct set of the solution of the solu

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109

ACCESSION NR: AP4024471

s/0141/64/007/001/0094/0100

AUTHOR: Daneliya, I. A.; Tsintsadze, N. L.

TITLE: On the theory of wave interaction in a plasma

SOURCE: IVUZ. Radiofizika, v. 7, no. 1, 1964, 94-100

TOPIC TAGS: plasma, wave interaction in plasma, longitudinal wave interaction, electron ion plasma, oblique wave propagation, nonlinear interaction, interaction frequency, Langmuir frequency, plasma particle flux, plasma current density

ABSTRACT: The fundamental electrodynamic equations are derived for the interaction of longitudinal waves with one another in an electron-ion plasma to which an electric field is applied. It is shown that if the direction of propagation of the longitudinal waves makes some angle to the direction of the translational plasma motion induced by the electric field, then nonlinear interaction between the

Card 1/2

ACCESSION NR: AP4024471

longitudinal waves gives rise to transverse waves. The equations derived for the field in the second-order approximation show that the interaction frequency is double the Langmuir frequency. The equations obtained by M. Sumi (J. Phys. Soc. Japan, v. 15, 1086, 1960) are particular cases of those derived in the present paper. Calculation of the particle flux in the plasma shows that since the mean current density differs from zero in the second approximation, the resultant magnetic field causes the electrons and ions to drift. Orig. art. has: 16 formulas.

ASSOCIATION: None

SUBMITTED: 11Mar63

DATE ACQ: 15Apr64

ENCL: 00

SUB CODE: PH

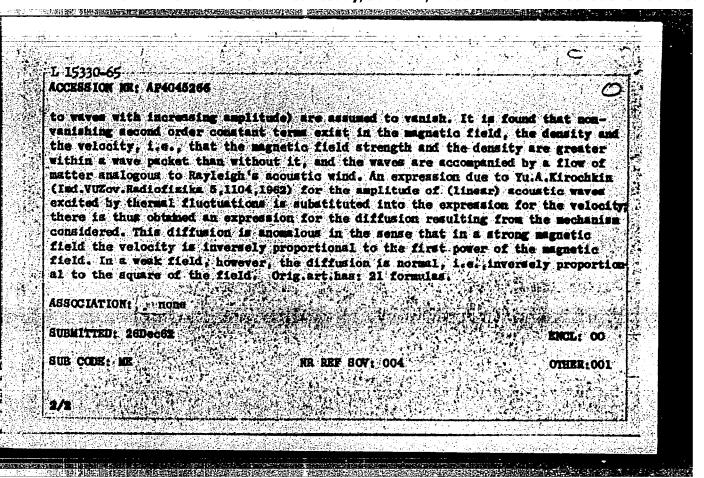
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Card 2/2

L 15330-65 ENT(1)/ENG(k)/EPA(ep)-2/EPA(w)-2/REC(t)/T/EEC(b)-2/ENA(m)-2 Po-4/P2-6/Pab-10/P1-4 IJP(c)/PSD/SSD(b)/SSD/AFWL/AEDC(a)/ASD(f)-2/ASD(p)-3/ AFETR/RAEM(a)/RAEM(c)/ESD(gs)/ESD(t)-AT-8/0057/64/034/009/1576/1579 ACCESSION NR: AP4045266 AUTHOR: Danellys; I.A.; Trintsedse, N.L. TITLE: On an anomalous magnetohydrodynamic diffusion of a plasma Source: Zhurnel tekhnicheskoy fiziki, v.34, no.9, 1964, 1576-1579. TOPIC TAGS: magnetohydrodynamics, wave phenomenon, nonlinear oscillations, plasma diffusion anoualy ABSTRACT: The authors discuss nowlinear effects accompanying the isothermal propagation of magnetoscoustic waves transversely to a uniform magnetic field in a persectly conducting fluid. The approximate treatment of the nonlinear effects is accomplished by expanding the variable portion of the magnetic field, the density, and the velocity in Fourier series in the wave phase and in power series in a formal parameter that is equated to unity at the end. These expansions are substituted into the magnetohydrodynamic equations, and coefficients of similar trigonometric terms and of like powers of the formal parameter are equated. Expressions are thenderived for the second order constant terms in terms of the first order (linear) terms in deriving these expressions, certain terms that lead to instabilities (i.e.



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ITLE: Transfo pectrum	restion of a lo	egitudisel high freq	macy field by the	ionic-ecountie	
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1963; I.A.Abbly Alculates the	reser, l.A.Demel Greek Keetlenk Mayaraa waya An	rious results (V, I, P Lya and I, L. Taintead for the transformets d for the scattering	ze, There 48,300,198 on of an extraneous of the Languir w	Languale ive with the	
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ASSOCIATION: Thilisakiy go	sudarstvennyy universitet	(Tbilisi State Unive	mity)
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Card 2/2			

ACCESSION NR: AP4012558

8/0056/64/046/001/0300/0306

AUTHORS: Akhiyezer, I. A.; Daneliya, I. A.; Tsintsadze, N. L.

TITLE: Contribution to the theory of conversion and scattering of electromagnetic waves in a nonequilibrium plasma

SOURCE: Zhurnal eksper. i teoret. fiz., v. 46, no. 1, 1964, 300-306

TOPIC TAGS: plasma, nonequilibrium plasma, nearly unstable plasma, electromagnetic wave scattering, electromagnetic wave conversion, spontaneous emission in plasma, plasma fluctuation waves, plasma external waves, critical plasma fluctuation, nonlinear wave interaction, Doppler scattering

ABSTRACT: The conversion and scattering of electromagnetic waves in a nearly unstable plasma are investigated, with principal emphasis on wave scattering and conversion in which the intensity of the produced radiation becomes anomalously large by virtue of the existence

Card 1/2

ACCESSION NR: AP4012558

of critical fluctuations. The spontaneous emission caused by the scattering of an external longitudinal wave by critical plasma fluctuations and by the transformation of such a wave into a transverse wave is also included. Two cases of nonlinear wave interactions are considered, the passage of a plasma with hot electrons through cold ions and the passage of a fast charged-particle beam through a plasma. The spontaneous emission caused by the conversion of fluctuating longitudinal wave. Only Doppler scattering is included in the analysis of induced scattering of waves by particles." In conclusion we wish to thank A. I. Akhiyezer, V. P. Silin, and A. A. Rukhadze for valuable discussions." Orig. art. has: 30 formulas.

ASSOCIATION: None

SUBMITTED: 21Jun61

DATE ACQ: 26Feb64

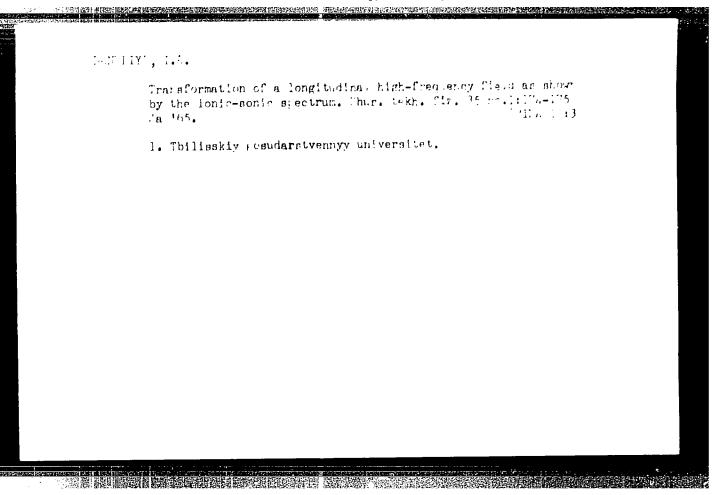
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Card 2/2



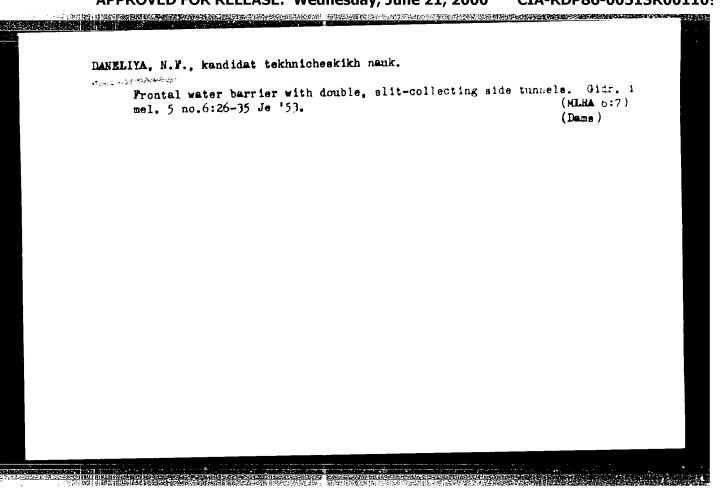
L 63111-65 EHT(1)/EPF(n)-2/EHG(m)/EPA(w)-2 IJP(c) AT UR/0141/65/008/003/0469/0475 ACCESSION NR: AP5020359 533.951 AUTHOR: Daneliya, I. A.; Tsintsadze, N. L. TITLE: Transformation of electromagnetic waves in a non-equilibrium plasma SOURCE: IVUZ. Radiofizika, v. 8, no. 3, 1965, 469-475 TOPIC TAGS: plasma electromagnetic wave, electromagnetic wave scattering, nonuniform plasma, unstable plasma ABSTRACT: The theory of scattering and transformation of electromagnetic waves by thermal fluctuations in equilibrium and non-equilibrium plasmas is well developed. The non-linearity of equations describing a plasma leads to interaction of waves with one another, resulting in scattering of waves and transformation of one mode of wave into another. The authors examine the problem of transformation of trans-verse and longitudinal electromagnetic waves by critical fluctuations of the transverse or longitudinal field. It is shown that the transformation coefficient in these processes rises sharply as the plasma approaches the unstable state. The phenomenon of "spontaneous absorption" associated with conversion of two transverse Card 1/2

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fon the nanticle distribut	ion function taking into a	The kinetic equation is give count the back scattering of of the oscillations. Orig. a	用自己的理论证
ASSOCIATION: Institut fiz Fbilisskiy gosudarstvennyy	iki AN Gruz. SSR (İnstituto universitet (T <u>iflis Stat</u>	e of Physics: AN Gruz: SSR); e University)	
SUBMITTER! 25Apr64	ENCL: 00	SUB CODE: EN. MS	343/2
NO REF SOV: . 010	OTHER: 003		

DANSLIYA, N. P.

32480. Nekotomyye rezul'taty metola poterechny tsirkulyatsii. Livettiya Gruz.
nauch.-issled. In-ta gidroteknniki i meliratsii. t. I. 749, s. 127-38.--kezyume na
gruz. yaz.

SO: Letopis' Ahurnal'nykh Statey, Vol. SO, Moskva, 1749



[8] 是我们,我们可以不是我们的人,我们也是不是一个人,不是一个人,不是一个人,我们也不是一个人,他们也不是一个人,他们也不是一个人,他们也不是一个人,他们也

15-57-4-5429

Referativnyy zhurnal, Geologiya, 1957, Nr 4, Translation from:

p 188 (USSR)

Daneliya, N. F., Sadomova, V. V. AUTHORS:

Some Types of Water-Fending Structures at River Fends TITLE:

(Nekotoryye tipy vodozabornykh sporuzneniy na izgibe

reki)

Tr. Gruz. n.-i. in-ta gliroteknn. i melior., 1956, Nr 4, PERIODICAL:

pp 157-167.

The authors discuss the principles of layout and give ARSTRACT:

examples of levees on curving tanks. Comparisons of the results of studies of different plans for lateral and frontal levees at river tends lead to the conclusion that a Y-formed dam in combination with a curvilinear underwater channel is the proper anti-detrital measure

under conditions that the stream loes not carry tottom Ye. J. E.

sediment at the low-water stage. Card 1/1

DANGLITA. W.F., kandidat tekhnicheskikh nauk; BOBOKHIDZE, Sh.S., kandidat tekhnicheskikh nauk.

Water-intake works with grills on upper and lower levels. Gidr. stroi. 25 no.2:43-47 '56. (MLPA 9:8) (Hydraulic engineering) (Dans)

SOV 124 58 10-11150

Translation from: Reterationly zhornal Mekhanira 1768 Nr 10 p 63 (USSR)

AUTHOR: Danelya N F

TITLE: The Fundamentals of the Arrangement of a Lateral Water Intake With

第1911日日本研究和研究的研究的是国际的国际的国际的国际的国际的主义的对抗,但是国际的国际的国际的国际的国际的国际的国际的国际的国际的人们可以通过企业的国际的

Sediment intercepting Slunceways (Osno vilistroistica boko ogo

sodozabera s nanosoperekhi atv. asashchim, galerevami)

PERIODICAL: In Graz to a talgedrotekhn amelion 1987 Nr 18-19.

pp 301 322

ABSTRACT: The author presents the foodamental requirements for the food

thorang of a water intake with a lateral water discharge and with sediment intercepting tunnels located at the sill and in the apstream

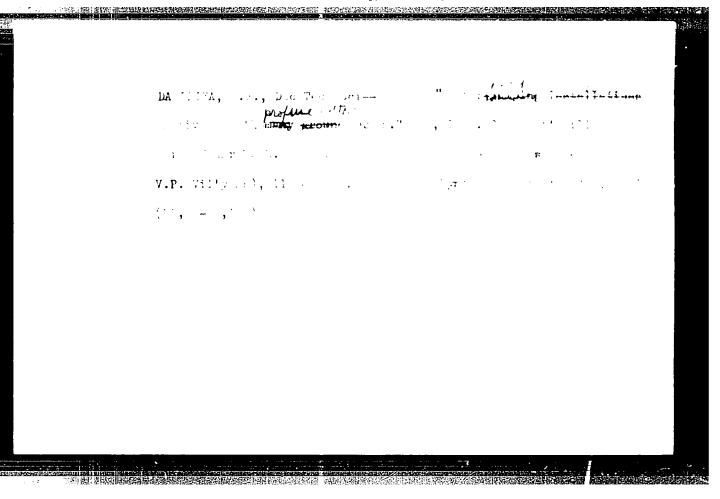
flank of the water intake structure. The author points out the fields of application of such a type of water intake, the special

features of its construction, and the fundamentals of the design of the water intake structure and if the tannels. Bubliography: 5

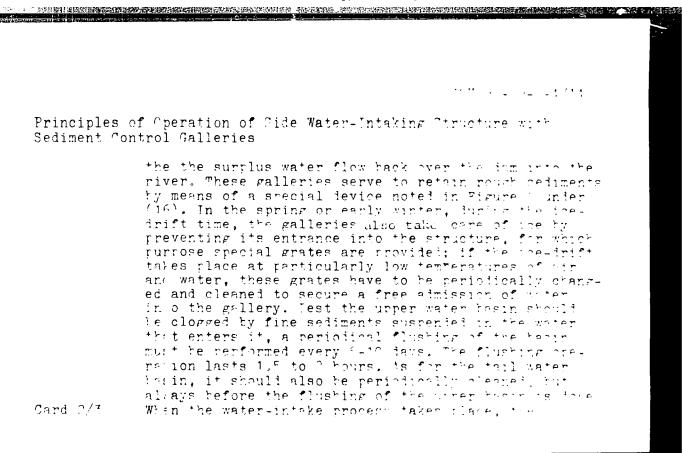
references

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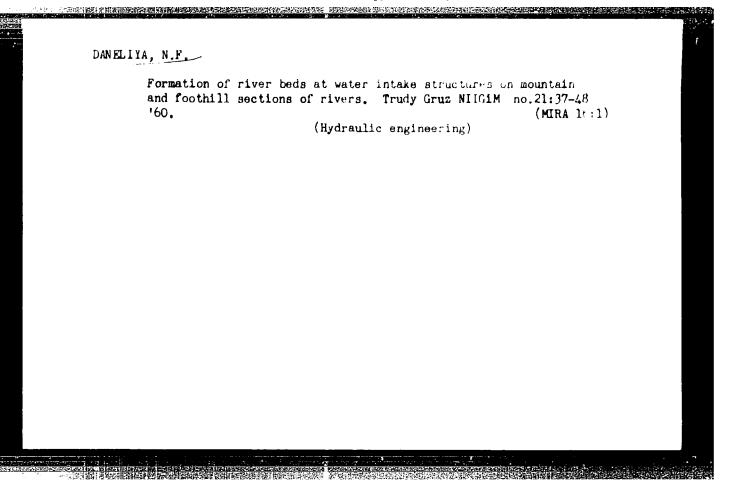
5 7 502 32 21 21 31 30(1) Daneliya, N.F., Doctor of Mechnical Ociences AUTHOR: Principle of Operation of Cite Water-Intaking Ctruc-TITLE: ture with Sediment Control Ballenies FERIODICAL: Gidrotekhnika i melioratsiya, this, the last the first To meet the problem of an alegaate open tion of a ABSTRACT: water-intaking structure, it is first of all recessorry to construct properly that nort of it where extendenters the installation. The main foult encountered in the operation of water-intaking structures is the clogging of them by sediments. In this intible, the author describes a structure built somethere in the Transcaucasus that operates on the principle of controlling the activity of water that pages tonough the head-and-tail water basins. In Figure 1, the goneral layout of such a structure is given "atem enters into the seliment control of lemino misco maintain the level at a preferencine head to be letting Card 1/3



Principles of Operation of Tide Water-Intaking Impurity to Sediment Control Calleries

flushing apertures of the imm should be observed the galleries have to be prened. There are a note matic diagrams

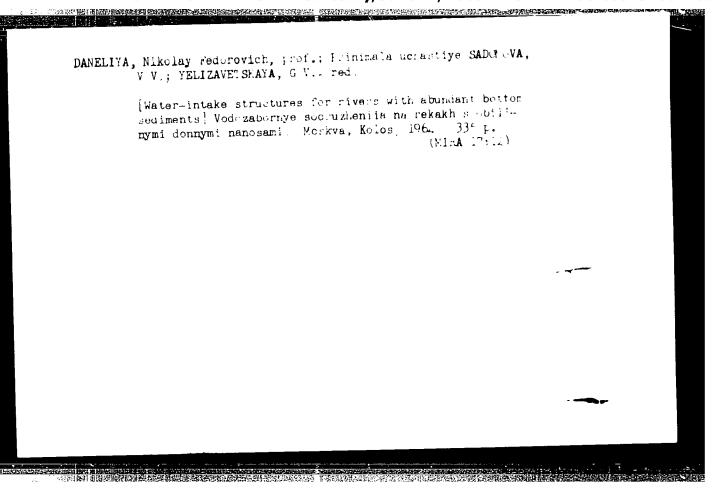
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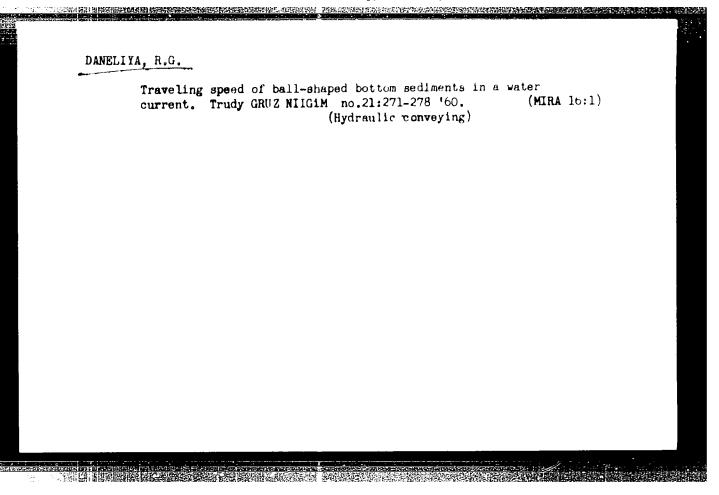


DANELIYA, N. F.; GRIGOLASHVILI, K. Z.; DAN MAISHVILI, G. N.

Waves in a swift current and their calming by directing fins.

Trudy GPI [Gruz.] no. 4:51-58 '63. (MIRA 17:5)





MIRTSKHULAVA, TS. Ye.; DANELIYA, R. G.

Role of the depth of flow in raising the resistance to washout of soils constituting the river bed subjected to erosion by the stream. Dokl. AN SSSR 147 no.6:1/37-1/40 D 162.

(MIRA 16:1)

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1. Gruzinskiy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii. Predstavleno akademikom D. V. Nalivkinym.

(Rivers) (Erosion)

DANELIYA, R.G.

Effect of the stream depth on the permissible (nonerosive) velocities. Soob. AN Gruz. 30 no.1:19-24 Ja '63.

(MIRA 17:1)

1. Gruzinskiy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii, Tbilisi. Precatavleno chlenom-korrespondentom Akademii P.G. Shengeltya.

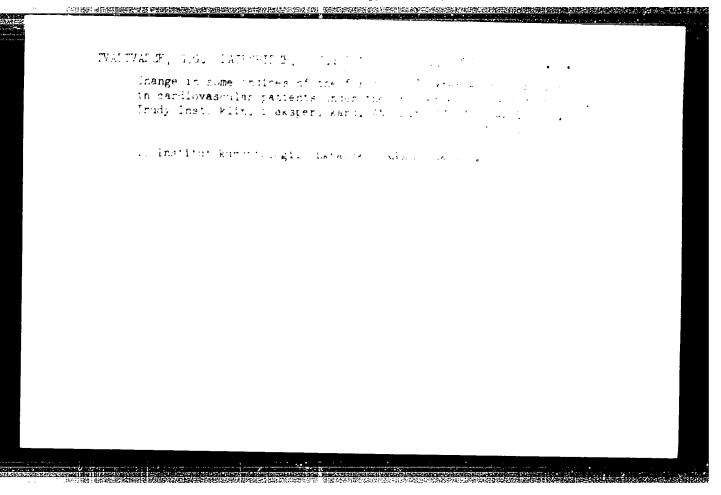
DANZLIYA, T.V. Workers of the canning industry of Georgia mark the 22d Congress of the CPSU with new achievements. Kons. i ov. prom. 16 no.10: 3-40'61. (NIRA 14:11) 1. Gruzinskiy konservnyy trest. (Georgia—Canning industry)

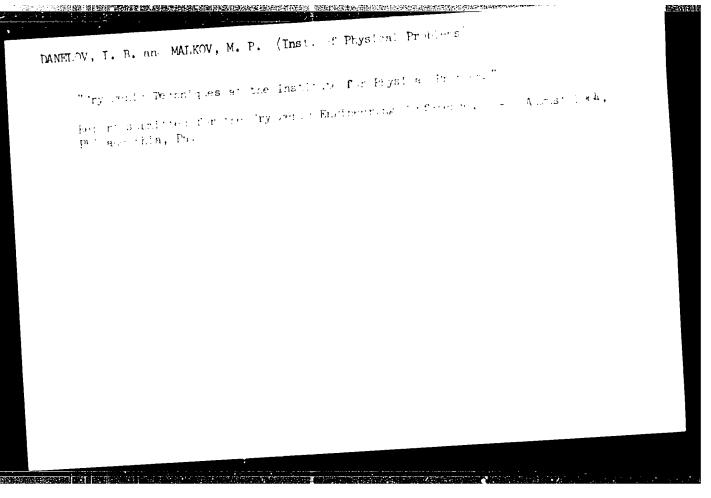
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DATESHIDZE, D.G.; DANELIYA, Z.I. (Sukhumi)

Method for measuring the respiratory volume per minute. Vrach delo
no.9:140 S '61.

1. Abkhazskiy filial instituta kurortologii Gruzinskoy SSR.
Nauchnyy rukovoditel' - prof. A.G.Dembo.
(RESPIRORTER)
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IMMELLYHIN L PA - 1516 CARL 1 / 2 PEVZNER, M. I., DANELJAN, L.S., ADAMCUK, JUAY. 3: BJECT The Total Neutron Cross Section of Ra AUTHOR Atomnaja Energija, 1, fasc.4, 67-70 (1956) Issued: 19.11.1956 TITLE Here the results of measurements of the total cross section of Ra in the energy interval 0,022-50 eV, which were carried out in 1953, are published. Apparatus and test conditions: This total cross section was measured with a mechanical selector with transversal rotator. The container with the sample was laced on an adjusting table between two nickel collimators while measuring was being carried out. The shape of the neutron bundle when leaving the collimator was determined by the activation of a silver foil and following exposure of an The samples consist of RaSO, for the neutron cross sections of S and C are small and thoroughly investigated. The thinnest sample, which was destined for measurant thoroughly investigated. in the domain of resonance, consisted of RaBr. The RaSO 4 was filled into nermetically closed special containers of thin boron-less glass, and the RaBr Test results and their discussion: The energy dependence of the total neutron ordes was filled into a hermetically closed brass container. section of Ra is shown in a diagram as a function of the neutronenergy (0,022-50 eV); within the domain of thermal energies the cross section of Ra changes like 1/v. At 0,537 eV there is a resonance level. The parameters of the

Atomnaja Energija, 1, fasc.4, 67-70 (1956) CARD 2 / 2 PA - 1316 level o and fentering into the BREIT - WIGNER one-level formula were determined by successive approximation in consideration of DOPPLER'S broadening and the resolving power of the apparatus. In the case of the crystal structure of pure materials the thermal motion of the nuclei was computed in the same way as if the material to be investigated had been in a gaseous state. Experimental and computed data of the resonance parameters are shown in a table. For the energy 0,025 eV an absorption cross section of $\sigma(3,025 \text{ eV}) = (13,5+1,5)$ parm was determined by means of the formula by BREIT and WIGNER. In the energy interval 2-50 eV there is a strong scattering of experimental points and measuring accuracy is here 15-20%. The experimental data obtained permit no reliable conclusion to be drawn concerning the amount of the average distance between the levels of the radium Apparently this distance is not smaller than 30 eV. The amount of the radiation width of the level at the energy 0, 37 eV. \approx \int = 0,029 eV agrees with the general dependence of $\int_{\mathcal{R}}$ on atomic namely reight.

INSTITUTION:

DAN. A 0-5 USSR/Nuclear Physics - Nuclear Reactions. : Ref Zhur - Fizika, No 4, 1957, 8807 Abs Jour : Yerozolimskiy, B.G., Kutikov, I.Ye., Dlbrynin, Yu.P., Pevzner, M.I., Danelyan, L.S., Moskalev, S.S. Author : Measurement of the AVerage Quantity of Neutrons Emitted Per Single Capture, Jeff Pu 240 Isotope and Measurement of the Effective Resonance Integral of the Capture Inst Title of Pu240. : Atom. energiya, 1956, No 3, 27-30 Orig Pub Feff was measured for specimens of Pu239 with addition of various quantities of Pu²⁴⁰ in the vicinity of the Abstract Fermi spectrum with a left boundary of 0.15 (gadolinium filter) and 0.4 ev (cadmium filter) for two series of specimens containing the following additions of Pu240 (in percent): 0, 1.5, 2.5, 6.5, and 16. The Pu²⁴⁰ contents

Card 1/3

USSR/Nuclear Physics - Nuclear Reactions.

C-5

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 8807

was determined in one specimen by measuring the number of spontaneous fissions in a multi-layer ionization chamber; in other specimens the relative amount of Pu^{240} was determined by comparing the areas of the dips in the resonance of Pu^{240} at 1.06 ev on the transmission curves, obtained by means of a mechanical neutron selector.

The procedure for determining ν eff is based on the measurement of the effect of the capture and production of neutrons from the disturbance to the neutron field in a graphite prism with a central cavity, in which the investigated specimen is placed (see Referat Zhur Fizika, 1957, 557). The ratios ν' eff eff

with and without Pu^{240} admixtures were measured. The results of the measurements are given in the following table:

Card 2/3

USSR/Nuclear Physics - Nuclear Reactions.

Ref Zhur - Fizika, No 4, 1957, 8807

Percentage Pu²⁴⁰ in the specimen.
0 1,6 2,5 6,5 16

Weight of specimen, grams.
8 0,55 0,39 1,00 0,51 1,02 0.52 0.90

Preff behind madolinium filter.
1,00 eff,97 0,96 0,96 0,86 0,87 0,77 0,83

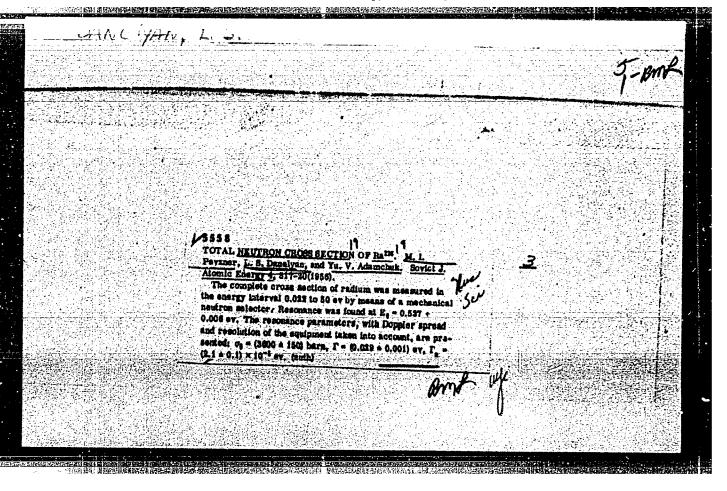
Percentage Pu²⁴⁰ in the specimen.
0 1,6 2,5 6,5 16

Weight of specimen, grams.
8 0,55 0,39 1,00 0,51 1,02 0.52 0.90

Preff behind madolinium filter.
1,00 eff,97 0,96 0,96 0,86 0,87 0,77 0,83

The resonance int e,ral of absorption of Pu²⁴⁰ is

E 240 = (9,000 ± 3,000) x 10-24 cm².



U/ US 0.7000700370027041 26.2264 AUTHORS istan Paris (S. dersov A.S. and Perme. v . TITLE A me han, all the limit to me to the energy region 0.00 PERIODICAL $p_{i,k,0}$, $p_{i,$ Me nan, and the remaining the many of her a been destribed in Soviet and the elgonomics of the annual section when fairly powerful beams of more than the second of the advantages it will be accounted to the second of the accounted to the accounted t greatest possible place of eggs a and the hiere the ensure satisfactor of the form of the second of the background. The construction is a market of the of the second and the second and the second Card 178

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A mechanical neutron mana hormat \$7.00.61/000/003/002/041 \$2.95/E.55

shot width of O 347 mm. The ociss are verged in place. The total weight of the motor was 200 kg and it was designed to operate at speeds up to 12000 - p m - a b 4 a company and finally selected in order to minimise vabration. The constraint on of the drawing turbine is described. It at his six at arrests in the 13 000 mp.m. On leaving the source the resn to see the transcre before reaching the rotor. The two yorks In matters govern the angle of divergence of the mestr of beam informediate one meduces the background of greaters to be in the plane perpendicular to the slot wall's the hein is if constant width and in the plane parablet to the a contract TO A graffing 100 mm at the luminous surface to 15 mm st up. "te moss section of the beam and hence the restlution may be The first by adjusting the fidnes collimator which he if say erise a is wighth. A graphical method was used to determine the aperical hime of minochromatic neutrons and the procedure of preside explained. Because the slots move in a circumference the age to a conservation of quite the same as they would be for a sinew shared a for slove with parallel walls moving in a smarght time. Day the see that times determined graphs ally by the nation is a seasown in Fig S Card 3/8

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001109