"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILADZE, R.M.

Calculating the parameters of a positive surge wave taking into consideration the curvature of the flow. Soob. AN Gruz. SSR 20 no. 2:143-150 F '58. (MIRA 11:7)

1. Tbilisskiy nauchno-issledovatel'skiy institut sooruzheniy i gidroenergetiki. Predstavleno akademikom K.S.Zavriyevym.
(Waves)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILADZE, R.M.

Determining the size of surge waves in channels with irregular cross sections. Soob. AN Gruz.SSR 21 no.3:271-276 S '58. (MIRA 12:4)

1. Tbilisskiy nauchno-issledovatel'skiy institut sooruzheniy i gidroenergetiki. Predstavlen akademikom K.S. Zavriyevym.
(Hydraulics) (Canals)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILADZE, R.M. (Tbilisi)

Calculation of the backwater wave in a trapezoidal channel.
Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no.5:185-188
S-O '59. (MIRA 13:1)
(Hydroelectric power stations) (Hydrodynamics)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILADZE, R. M., CAND TECH SCI, "~~INVESTIGATION~~ Study OF THE TRANSFORMATION OF WAVES OF ~~ONE~~ a single DIRECTION IN THE ~~TRANSIENT~~ irregular MOVEMENT OF WATER IN OPEN CHANNELS." TBILISI. PUBLISHING HOUSE OF ~~GPI~~ GEORGIAN POLYTECH INST, 1961. (STATE COM ~~FOR~~ committee of HIGHER AND SEC SPEC ED OF THE COUNCIL OF MINISTERS GSSR. ORDER OF LABOR RED BANNER GEORGIAN POLYTECH INST IMENI V. I. LENIN). (KL-DV, 11-61, 220).

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILADZE, R.M.

Transformation of unidirectional waves. Soob. AN Gruz. SSR 26 no.5:521-526 My '61. (MIRA 14:8)

1. Tbilisskiy nauchno-issledovatel'skiy institut sooruzheniy i gidroenergetiki imeni A.V. Vintera, Tbilisi. Predstavleno akademikom K.S. Zavriyevym.

(Waves)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KHARE, R.V.

Hydraulic characteristics of a flow in case of a straight and back wave motion on a slope. Soob. AN Gruz. SSR 39 no.1:129-135 Jl '65. (MIRA 18:10)

1. Gruzinskiy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii. Submitted November 22, 1964.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

ACC NR: AR7004110 (A) SOURCE CODE: UR/0169/66/000/012/V044/V044

AUTHOR: Kiladze, R. M.

TITLE: Forecasting river floods using computers

SOURCE: Ref. zh. Geofizika, Abs. 12V283

REF SOURCE: Tr. Gruz. n.-i. in-ta gidrotekhn. i melior., vyp. 23, 1965, 103-112

TOPIC TAGS: flow rate, water, river flood, flow, inverse characteristic, integration

ABSTRACT: Using Saint-Venant equations in the characteristic form, the set of inverse characteristics is replaced by an equation of continuity between the flow rat and water level obtained from the discontinuity equation. A rectangular net is used for the numerical integration of the obtained system of equations. The method was verified by means of calculating the nonsteady-state motion in rectangular duct presented by G. Stoker in his monograph entitled "Waves on water". Results of the calculations agree with results obtained by Stoker. The bibliography has 5 titles.

SUB CODE: 08/ /Translation of abstract/ [KP]

Card 1/1 UDC: 551.482.215.3

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILANOWSKI, K.

KILANOWSKI, K.

Some problems of forest nurseries, p. 4. (LAS POLSKI, Warszawa/Vol. 27, no. 3, Mar. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955, Uncl.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILANOWSKI, W.

The world situation of the flax industry. p. 112.

PRZEGLAD WLOKIENNICZY. (Stowaryszenie Inzynierow i Technikow Przemyslu Wlokienniczego) Lodz, Poland, Vol. 13, No. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1959.

Uncl.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILANOWSKI, Wlodzimierz; Dyrektor Instytutu Przemysłu Włokien Lykowych, Poznan.

Technology development plan for 1963 as instrument of the leading role of the Institute. Przegl wlokien 17 no. 1: Supplement: Biul inst przem lyk 10 no. 1:1-2 Ja '63.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILANOWSKI, Wladyslaw, inz.

Works of the Industrial Institute of Bast Fibers in the years 1963-1964. Przegl wlokien 18 no.9:Suppl:Biul inst przem wlok lyk 11 no.4:1-4 S '64.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILAR, Gy.; BALAZS, P.

"Copper Alloys with Silver Content Which Could Be Refined. Pt. 1" (To Be Contd), P. 374, (KOHASZATI LAPOK, Vol. 9, No. 8, August 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAI), LC, Vol. 4, No. 3, March 1955, Uncl.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

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KILAR, G.

5656. Heat-Treatable Al-Cu Alloys. Nemesitheto alumínium ötvözetek. (Hungarian.) Rudolf Balázs and Gyözö Kilar. *Kohászati Lapok*, v. 9, no. 8, Aug. 1954, p. 374-383.

[redacted] in mechanical properties resulting from heat treating. Graphs, micrographs, table. (To be continued.)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

HILAR, CH.

HILAR, CH. Copper alloys with silver content which could be machined. Pt. 2. p. 420. MAGYAR KEMIA. Budapest. Vol. 9, no. 7, Sept. 1954.

Monthly List of East European Accessions (EEAL) LC Vol. 5, no. 6 June 1956

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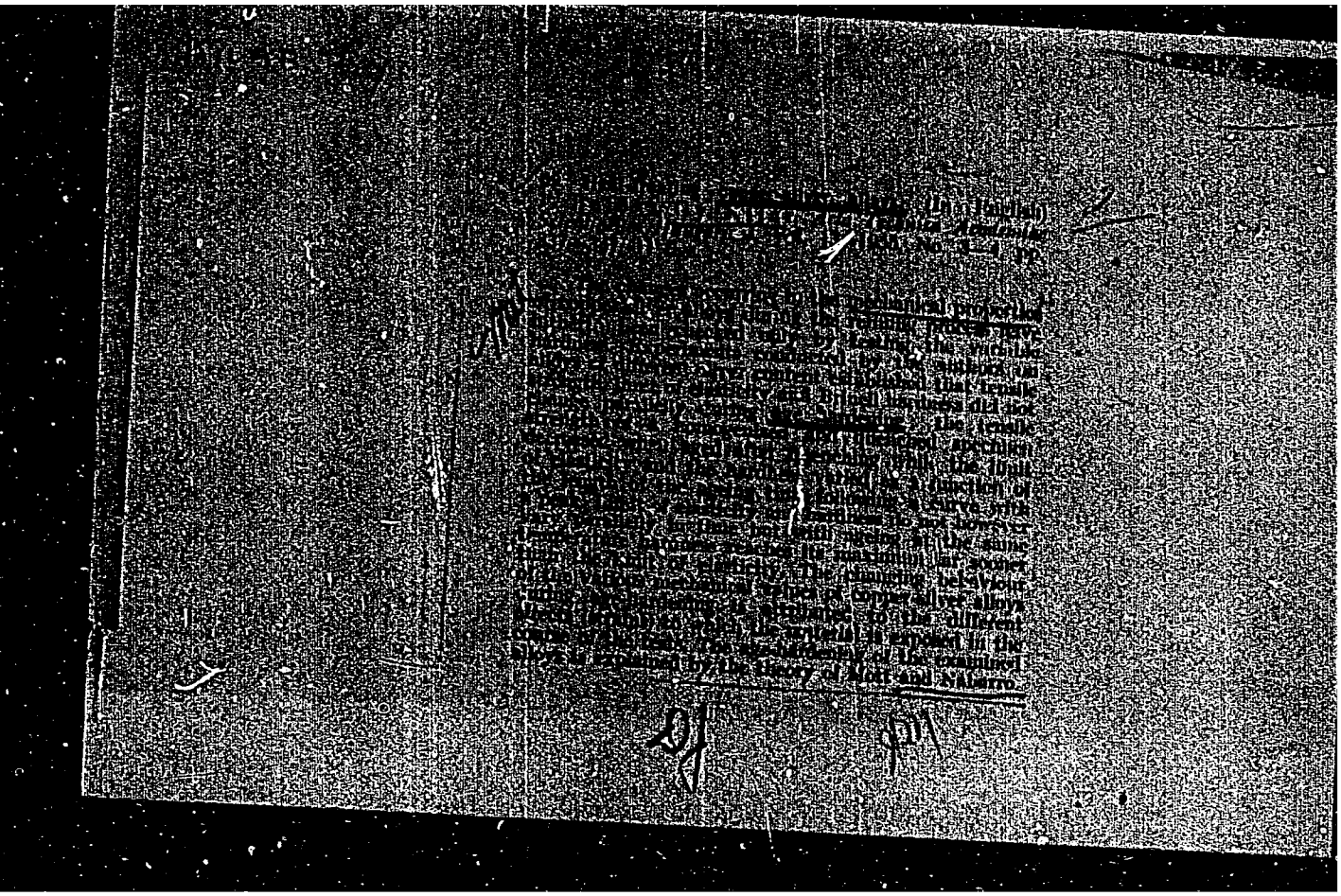
"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1



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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

BALAZS, Fulop; KILAR, Gyozo

Refinable silver containing copper alloys. Koh lap 9 no. 9: 420-423 S '54.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

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NAGY, Laszlo; KILAR, Sarolta

Mechanism of energy exchange and decrease in body temperature in anoxia in rats. Kiserletes orvostud. 8 no.4:403-406 July 56.

1. Pecsi Orvostudomanyi Egyetem Korelettani Intezete.
(ANOXIA, exper.
eff. on body temperature & oxygen consumption in rats (Hun))
(BODY TEMPERATURE
eff. of exper. anoxia in rats (Hun))
(METABOLISM
oxygen consumption, eff. of exper. anoxia in rats (Hun))

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

NAGY, L.; KIIAR, S.

Effects of changes in thyroid gland function, adaptation to low molecular-oxygen tension and polyglobulia on hypoxic metabolism and decrease in body temperature. Kiserletes orvostud. 10 no.4:430-432 Aug 58.

1. Pecsi Orvostudomanyi Egyetem Korelettani Intezete.
(ANOXIA, exper.
eff. of adaptation to low oxygen tension, polycythemia vera & changes in thyroid funct. on metab. & body temperature in anoxic rate (Hun))
(METABOLISM
same)
(BODY TEMPERATURE
same)
(THYROID GLAND, physiol.
eff. of changes in thyroid funct. on metab. & body temperature in anoxic rats (Hun))
(POLYCYTHEMIA VERA, exper.
eff. on metab. & Body temperature in anoxic rats (Hun))

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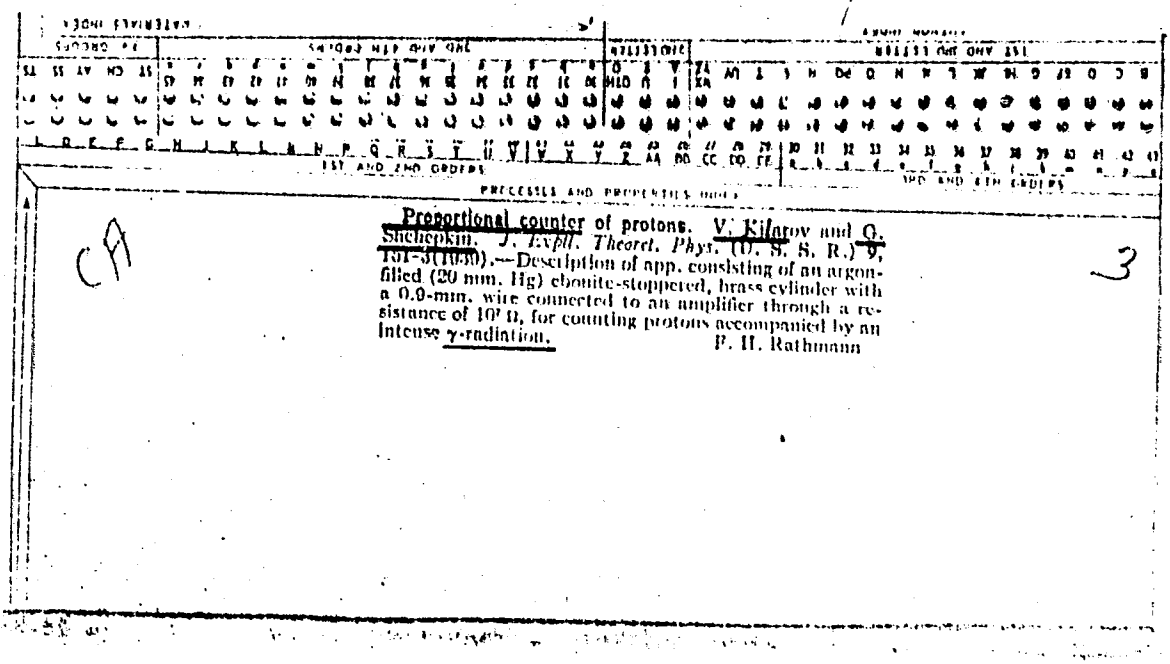
"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILAROV, V.



Proportional counter of protons. V. Kilarov and G. Shchepkin. *J. Exptl. Theoret. Phys. (U. S. S. R.)* 9, 761–3(1939).—Description of app. consisting of an argon-filled (20 mm. Hg) ebonite-stoppered, brass cylinder with a 0.9-mm. wire connected to an amplifier through a resistance of 10^7 Ω, for counting protons accompanied by an intense γ-radiation. P. H. Rathmann

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

JACKUNAS, Kazis, kand. sel'khoz. nauk; KILAS, M., red.; LUKOSEVICIUS, St., tekhn. red.

[Raising young poultry] Paukaciu prieauglio auginimas. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 44 p. (MIRA 15:3)

(Poultry)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

JASUDENAS, M.; SILI IS, V.; SI UKONYTE, R.; KILAS, M., red.

[Regionally adopted varieties of agricultural cultures in the Lithuanian S.S.R.] Lietuvos TSR rajonuotos zemes ukio kulturu veisles. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 55 p. (MIRA 15:2)
(Lithuania--Field crops--Varieties)

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

VITKAUSKAS, J., red.; BARANAUSKAS, B., red.; SERKSNYS, J., red.; ZVIRENAS, A., red.; PETRUSEVICIUS, V., red.; ADOMAVICIUS, B., red.; KILAS, M., red.; SARKA, S., tekhn. red.

[Scientific and technical information] Mokslinė - techninė informacija. Vilnius, Valstybinė politinės ir mokslinės literaturos leidykla, 1961. 40 p. (MIRA 16:5)

1. Lietuvos zemes ukio mechanizacijos ir elektrifikacijos mokslinio tyrimo institutas.
(Lithuania--Agricultural machinery)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

VASINAUSKAS,P.; KAMINSKAS,A., red.; KILAS,M.,red.; BUTKUS,A.,red.

[Science in the intensification of agriculture; transactions of the conference of January 1965 in Dotnuva] Mokslas - zemdirbystei intensyvinti; 1965 m. sausio menesi Dotnuvoje ivykusio pasitarimo medziaga. Sudarytojas P.Vasinauskas. Vilnius, Leidykla "Mintis," 1965. 194 p. [In Lithuanian] (MIRA 18:7)

1. Dotnuva. Lietuvos Zemdirbystes mokslinio tyrimo institutas.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

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PIPIRAS, Yuozas, dots., kand. veter. nauk; AIZINBUDAS, Leizeris; RUSINAS, Simas; GRUBLIAUSKAS, Liudvikas; KILAS, M., red.

[Principles of veterinary medicine] Veterinarijos pagrindai. Vilnius, Mintis, 1965. 287 p. [In Lithuanian]
(MIRA 18:7)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILASHOV, A. P.

Thoracic duct - deseases

Surgical procedure in cases of injury of the cervical part of the thoracic duct; and experimental investigation., Khirurgiia, no. 12, 1951.

Monthly List of Russian Accessions, Li rary of Congress, March 1952. UNCLASSIFIED.

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIASONIYA, P. F.

Def. at
Tbilisi State U.

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILASONIYA, V.F.

Petrography of ancient crystalline rocks of the upper Svanetia.
Trudy Tbil. GU 90:5-27 '63. (MIRA 17:4)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILASCHIYA, T. F.

Petrology - Georgia (Transcaucasia)

Interrelation of granitoid rocks of the Dzirula Massif. Dokl. AN SSSR, 82, No. 4, 1952. Tbilisskiy Gosudarstvennyy Universitet im. I. V. Stalina rec'd. 3 Nov. 1951

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

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILASONIYA

Petrography of Certain Magmatic Rocks of the Marneul'skiy and Bolnisskiy Rayons

Among the granitic regions the author distinguishes according to composition normal granites and more basis hybrid varieties, the formation of which is connected with the dissolving of a certain quantity of enclosing rocks of the "porphyritic Bayos Strata"; in particular, biotite quartz diorite of the Bardadzorsk massif, composed of 2.7% calcium feldspar, 17% quartz, 60% plagioclase, 16% biotitel, 3.5% ore minerals, and 1.4% apatite. (RZhGeol, No. 5, 1955) Tr. Tbilis. un-ta, No. 52, 1954, 177-196

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILASONIYA, P.F.

Genesis and age relationship of the metamorphic rocks of the Dzirula Crystalline Massif. Izv. AN SSSR. Ser. geol. 30 no.3:58-72 Mr '65. (MIRA 18:3)

1. Tbilisskiy gosudarstvennyy universitet, Tbilisi.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILB, GY.

Problems of raw paprika for spice. p. 59. Vol. 10, No. 2, Feb. 1956, Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4, April 1957

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILB, Gyula, dr.

Observation investigation of original American and Hungarian tomato species. Konzerv paprika no.4:131-134 Jl-Ag '62.

1. Konzerv- es Paprikaipari Kutato Intezet.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILB, Gyula, dr.; KOVACS, Istvan

Observation examination of foreign cucumber varieties. Konzerv paprika no.5:168-171 S-O '62.

1. Konzerv- es Paprikaipari Kutatointezet (for Kilb). 2. Kecskemeti Konzervgyar (for Kovacs).

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILB, Gyula, dr.

Cucumber processing line at the Nagykoros Canned Factory.
Konzerv paprika no.5:180-181 S-O '62.

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILB, Gyula, dr.

Industrial evaluation of improved paprika varieties on the ground of observing the 1959-1961 productions. Konzerv paprika no.1:25-30 Ja-F '63.

1. Konzerv- es Paprikaipari Kutato Intezet.

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GORE[illegible]V, N.V., inzh.; K[illegible]BERG, F.[illegible], inzh.

Film-type insulating [illegible] using [illegible] epoxide [illegible] coating. Elektrotekhnika 36 no.4:[illegible] [illegible] '65. [illegible]

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'BERG, Kh. I.

KRACHKOVSKIY, Ignatiy Yulianovich, akademik; GORDLEVSKIY, V.A., akademik, red.[deceased]; TSERETELI, G.V., red.; BERTEL'S, Ye.E., red.; KRACHKOVSKAYA, V.A., doktor istoricheskikh nauk, prof., red.; ZAKHODER, B.N., doktor istoricheskikh nauk, prof., red.; BELYAYEV, V.I., kand.filologicheskikh nauk, red.; KIL'BERG, Kh.I., kand.istoricheskikh nauk, red.; KONAKOV, A.P., red.izd-va; BLEYKH, E.Yu., tekhn.red.

[Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akad.nauk SSSR. Vol.4. 1957. 919 p. (MIRA 11:2)

1. Chlen-korrespondent AN SSSR (for TSereteli, Bertel's)
(Geography, Medieval)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

S/044/62/000/011/007/064
A060/A000

AUTHOR: Kil'berg, Ye.M.

TITLE: Strong summability of double Fourier series

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1962, 16 - 17, abstract 11B79 (Nauchn. zap. Dnepropetr. un-ta, 1961, v. 55, 119 - 121)

TEXT: The following theorem is proven: If a function $f(x, y)$, periodic with respect to both of its arguments, is integrable with p-th power ($p>1$) in the square $Q[-\pi, \pi; -\pi, \pi]$ and at some point (x, y) of that square the conditions

$$\int_0^u \int_0^v |\varphi(t, \tau) - 4S| \, dt \, d\tau = o(u, v), \quad u, v \to 0 ;$$

$$\int_0^u \int_0^v |\varphi(t, \tau) - 4S|^p \, dt \, d\tau = o(u^{p+1}), \quad v \text{ fixed}, \quad u \to 0 ;$$

Card 1/2

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

Strong summability of double Fourier series

S/044/62/000/011/007/064
A060/A000

$$\int_0^u \int_0^v |\varphi(t, \tau) - 4S|^p dt\, d\tau = 0 (v^{p+1}), \quad u \text{ fixed}, \quad v \to 0 ,$$

where $\varphi(u, v) = f(x + u, y + v) + f(x + u, y - v) + f(x - u, y + v) + f(x - u, y - v)$ are satisfied, then for partial sums $S_{\nu\mu}(x, y)$ of the double Fourier series with $k > 0$, there holds the relationship

$$\sum_{\nu=0}^{m} \sum_{\mu=0}^{n} |S_{\nu\mu}(x, y) - S|^k = 0 (mn) ,$$

provided m and n tend to infinity in such a way that for some $\lambda > 1$ $\frac{1}{\lambda} \leqslant \frac{m}{n} \leqslant \lambda$.
The paper contains misprints, making its perusal difficult.

F.I. Kharshiladze

[Abstracter's note: Complete translation]

Card 2/2

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

S/044/62/000/011/008/064
A060/A000

AUTHOR: Kil'berg, Ye.M.

TITLE: On a method of strong summation of a differentiated double Fourier series

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1962, 17, abstract 11B80 (Nauchn. zap. Dnepropetr. un-t, 1961, v. 55, 155 - 159)

TEXT: We are using the notation of the preceding abstract. Say $f(x, y)$ is integrable in the square Q and has the partial derivatives $f'_x(x, y)$, $f'_y(x, y)$ and $f''_{xy}(x, y)$; $f'_x(x, y)$ and $f'_y(x, y)$ are continuous, of bounded variation with respect to x, y, respectively, on the interval $[-\pi, \pi]$; at almost all points (x, y) of the square Q

$$\int_0^u \int_0^v \left| \varphi''_{tt}(t, \tau) - 4f''_{xy}(x, y) \right| dt\, d\tau = o\left[\frac{u}{\left(\lg \frac{1}{u}\right)^{1+\delta}} - \frac{v}{\left(\lg \frac{1}{v}\right)^{1+\delta}} \right], \quad \delta > 0,$$

$$u, v \to 0 .$$

Card 1/2

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

S/044/62/000/011/003/064
A060/A000

On a method of strong summation of a ....

Then, almost everywhere in that square

$$\sum_{\nu=0}^{m} \sum_{\mu=0}^{n} \left| \frac{\partial^2}{\partial x \, \partial y} S_{\nu\mu}(x, y) - f''_{xy}(x, y) \right|^k = 0 \ (m, n) \ .$$

F.I. Kharshiladze

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILDRIK, P. S., YANUTSEVICH, F. P.

Electric Power-Plants

Operating efficiency of the power train V-5000 burning ordinary coal. Za ekon. top., 9, No. 1, 1952.

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

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILBURSZKY, B.; FOLDVARI-VOGL, M.

A quick differential thermic apparatus for analysis. p. 19. (Magyar Kemikusok Lapja, Vol. 12, No. 1, Jan 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVS'KA, G.A.

Characteristics of microflora in the Kiev water system.
Nauk.zap.Kiev.un. 8 no.3:41-44 '49. (MLRA 9:10)

(Kiev--Water--Bacteriology)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

RUBENCHIK, L.I.; CHERNOBYL'SKAYA, M.N.; KIL'CHEVSKAYA, A.A.

Microbiological characteristics of some soils in bottom lands of the Irpen' (Ukrainian Polesye). Nauk.zap.Kiev.un.12 no.7:21-26 '53. (Irpen' Valley--Soil micro-organisms) (MLRA 9:10)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

RUBENCHIK, L.I.; CHERNOBYL'SKAYA, M.N.; KIL'CHEVSKAYA, A.A.

Effect of granosan on Azotobacter chroococcum. Mikrobiol.zhur. 16 no.4:19-25 '54. (MLRA 10:1)

1. Z Kiivs'kogo derzhavnogo universitetu imeni T.G.Shevchenka.
(GRANOSAN) (AZOTOBACTER)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

AUTHORS: Rubenchik, L. I., Chernobyl'skaya, M. N., Kil'chevskaya, A. A., Filanovskaya, A. N.

20-114-6-49/54

TITLE: The Influence Exerted by the Volatile Secretions of Actinomycetes Upon Bacteria (Vliyaniye letuchikh vydeleniy aktinomitsetov na bakterii).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 114, Nr 6, pp. 1315-1316 (USSR)

ABSTRACT: Antibacterial substances were, among others, determined in the volatile secretions of some fungi of the species Trichoderma (reference 4). The authors studied 4 species of Actinomycetes. As test objects they used 4 species of bacteria in which the influence of the above-mentioned fungi was determined. The fungi were cultivated in Petri dishes, the bacteria in the covers of these dishes. A layer of air of 12-14 mm thickness thus separated both types in such a "two-storey" culture. Therefore only the volatile secretions of the fungi could act upon the bacteria. In the control dishes the lower "storey" was not inhabited. The culture lasted 72 hours at 28°. The results are given in table 1. A stimulating influence was exerted by: Actinomyces griseus subsp. variabilis and Act. coelicolor upon Bac. subtilis and Bac. mesentericus; Act. globisporus var. diastaticus upon Bact. coli, Bac. subtilis

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKAYA, E. (Aul Balkhar, Dagestanskaya ASSR).

Pottery from the village of Balkhar. Prom.koop. no.6:16 Je '57.
(MIRA 10:7)
(Balkhar--Pottery)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKAYA, E., iskusstvoved

A talented goldsmith. Prom.koop. 13 no.5:22 My '59.
(MIRA 12:9)

(Daghestan--Goldsmithing)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILCHEVSKAYA, M.A., SILYAYEVA, M.F., ZHIGALKOVICH, A.S., LEONOV, V.A., MERESHINSKY, V.M., LASTOVSKAYA, T.C. (USSR)

"Metabolic Processes in Relation to Suppression of Thyroid Gland Function in Animals of Various Ages and at Different Times of the Year."

Report presented at the 5th Int'l Biochemistry Congress, Moscow, 10-16 Aug. 1961

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

LEVIN, I.A., kand. tekhn. nauk; KIL'CHEVSKAYA, T.Ye.

Corrosion of metals in fatty acids. Khim. prom. no.6:419-424 Je '63. (MIRA 16:8)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut neftyanogo mashinostroyeniya.
(Metals—Corrosion) (Acids, Fatty)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

SHANINA, T.M.; TIMOFEYEV, V.I.; NEGREYEV, V.F.; KIL'CHEVSKAYA, T.Ye.; GADZHIYEVA, K.G.

Corrosion of welded joints in petroleum industry's offshore structures. Trudy Gipromorneftі no.1:57-69 '54. (MLRA 9:12)
(Structural frames--Welding)
(Corrosion and anticorrosives)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

IPAT'YEV, A.N.; BOGDANOVA, Yu.G.; KIL'CHEVSKAYA, Yu.P.; MIKHINA, I.V.; POLUBESOVA, Yu.I.; TSENILOVA, N.A.

Autumn apple varieties of Mogilev and Gomel' provinces in White Russia. Bot., issl. Bel. otd. VSO no. 6:235-242 '64. (MIRA 18:7)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

AVIROM, S., kand.tekhn.nauk; KIL'CHEVSKAYA, Z., starshiy nauchnyy sotrudnik

They make good carpets. Mest.prom.i khud.promys. 3 no.3:28-30 Mr '62. (MIRA 15:3)

1. Nauchno-issledovatel'skiy institut khudozhestvennoy promyshlennosti (for Kil'chevskaya).

(Carpets)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, A. L., (Cand Agr Sci)

Dissertation: "A System of Fertilization in Grain-Beet-Grass Crop Rotation in Kirgiz SSR." Dr Agr Sci, Soil Inst, Acad Sci USSR, 26 May 54. Vechernyaya Moskva, Moscow, 17 May 54.

SO: SUM 284, 26 Nov 1954

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, A.L.; KORNEVA, N.G.

[Fertilizers are an important means of increasing crop yields] Udobreniia - moshchnyi rezerv povysheniia urozhainosti. Frunze, Kirgizskoe gos. izd-vo,1955. 29 p. (MLRA 10:2)
(Fertilizers and manures)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, Afanasiy Leont'yevich, doktor sel'skokhoz.nauk, prof.;
KUZNETSOV, Nikolay Ivanovich, kand.sel'skokhoz.nauk;
USTYUGOV, P.G., red.; BEYSHENOV, A., tekhn.red.

[Corn cultivation in Kirghizistan] Vozdelyvanie kukuruzy v Kirgizii. Frunze, Kirgizskoe gos.izd-vo, 1961. 77 p. (MIRA 15:5)

(Kirghizistan—Corn (Maize))

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, A.Z.

Measurement of fluid viscosity with throttle viscosimeters. Mash. i neft. obor. no.9:39-40 '63. (MIRA 17:2)

1. Kiyevskiy tekhnologicheskiy institut legkoy promyshlennosti.

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, A.Z., inzh.

Flowmeters for the synchronization of industrial flows. Tekst. prom. 23 no.7:81-84 Jl '63. (MIRA 16:8)

1. Kiyevskiy tekhnologicheskiy institut legkoy promyshlennosti.
(Flowmeters) (Assembly-line methods)

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

S/118/62/000/007/002/002
D262/D308

AUTHOR: Kil'chevskiy, B.V., Engineer

TITLE: Automation of electric smelting of copper-nickel ores

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 7, 1962, 8 - 10

TEXT: The article describes a new technique in electric smelting processes developed by the Noril'skiy combine. In this method the following processes are mechanized: handling of charges, preparation of electrodes, loading of electrode mass, replacement of the slag troughs; and the following processes are automated: loading of charges (the method of continuous loading is adopted), regulation of the electrical power of the furnace. Ventilating systems, temperature control of the furnace roof arches, walls and floors are also automated. Diagrams showing the operational circuits of the furnace loading and a schematic arrangement of the furnace are included and the method of operation described. There are 2 figures.

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, B.V., inzh.

Automation of electric smelting of copper-nickel ores. Mekh.i avtom.proizv. 16 no.7:8-10 Jl '62. (MIRA 15:8)
(Automation) (Noril'sk--Founding)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, G.S. (Odessa, D-57, ul. Korolenko, d.2, kv.2)

Avascular necrosis of the femur head in experimental conditions. Ortop. travm. protez. 24 no.7:30-34 Jl'63 (MIRA 17:2)

1. Iz kafedry operativnoy khirurgii s topograficheskoy anatomiyey (zav. - prof. V.I.Varlamov) i kafedry patologicheskoy anatomii (zav. - prof. Ye.A. Uspenskiy) Odesskogo meditsinskogo instituta imeni N.I.Pirogova (rektor - zasluzhennyy deyatel' nauki UkrSSR prof. I.Ya. Deyneka).

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

PANCHENKOV, Anatoliy Nikolayevich; KIL'CHEVSKIY,I.A.,otv.red.;
FURER,P.Ya.,red.
[Hydrodynamics of a submerged hydrofoil] Gidrodinamika
podvodnogo kryla. Kiev, Naukova dumka, 1965. 551 p.
(MIRA 18:4)
1. Chlen-korrespondent AN Ukr.SSR (for Kil'chevskiy).

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

BILOSHTAN, A.P.; BOYKO, M.F.; DOROSHENKO, Ye.P. [Doroshenko, K.P.]; DOTSENKO, P.P.; KIL'CHEVSKIY, I.A. [Kil'chevs'kyi, I.O.]; MARINICHENKO, V.G. [Marynychenko, V.H.]; RAK, L.K.; KRIVETSKIY, I.S. [Kryvets'kyi, I.S.], red.; ROMANENKO, I.N., red.; TRITINCHENKO, A.P. [Trytynchenko, A.P., red. inzd-va; VIRICH, D.V. [Virych, D.V.], tekhn. red.

[Russian-Ukrainian agricultural dictionary] Rosiis'ko-ukrains'kyi sil'skohospodars'kyi slovnyk. Ukladachi: A.P.Biloshtan ta inshi. Kyiv, Vyd-vo AN URSR, 1963. 438 p. (MIRA 17:3)

1. Akademiia nauk URSR, Kiev. Instytut movoznavstva. 2. Chlen korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Romaenko).

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

BILOSHTAN, A.P.; BOYKO, M.F.[Boiko, M.F.],kan.fil.nauk;DOROSHENKO,Ye.P.; DOTSENKO, P.P.; KIL'CHEVSKIY, I.A.[Kil'chevs'kyi, I.O.]; MARINICHENKO, V.G.[Marynychenko, V.H.]; RAK, L.K.; KRIVETSKIY, I.S.[Kryvets'kyi, I.S.], red.; ROMANENKO, I.N., red.; TRITINCHENKO, A.P.[Trytynchenko, A.P.], red.izd-va; VIRICH, D.V.[Virych, D.V.], tekhn. red.

[Russian-Ukrainian agricultural dictionary] Rosiis'ko-ukrans'kyi sil's'kohospodars'kyi slovnyk. Ukladachi: A.P. Biloshtan ta inshi. Kyiv, Vydiv, Vydvo AN URSR, 1963. 438 p. (MIRA 17:2)

1. Akademiya nauk URSR, Kiev. Instytut movoznavstva. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Romanenko).

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, M.O.; KOVALENKO, A.D.; SIDLYAR, M.M.

Research in the Department of Mechanics, the Department of the Theory of Elasticity, and the Department of Aerohydromechanics and Heat Exchange. Nauk. zap. Kyiv. un. 16 no.16:29-41 '57. (MIRA 13:3)

(Kiev--Mechanics--Study and teaching)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

SHELUD'KO, I.M., kand. tekhn. nauk, dots.; GNYP, P.I.[Hnyp, P.I.], kand. tekhn. nauk, dots.; MARINICHENKO, V.G.[Marynychenko,V.H.], kand. filol. nauk; SHVETS, I.T., akademik, otv. red.; KIL'CHEVSKIY, I.O.[Kil'chevs'kyi, I.O.], kand. filol. nauk, red.-leksikograf; STETSENKO, V.D., red. izd-va; ROZENTSVEYG, IE.N. [Rozentsveih, IE.N.], tekhn. red.

[Russian-Ukrainina dictionary on heat and gas engineering. 32, 000 terms]Rosiis'ko-ukrains'kyi slovnyk z teplotekhniky ta gazotekhniky. 32 000 terminiv. Vidpovidal'nyi red. I.T.Shvets'. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 308 p. (MIRA 16:2)

1. Akademiya nauk Ukr. SSSR (for Shvets').
(Russian language--Dictionaries--Ukrainian)
(Heat engineering--Dictionaries)
(Gas engineering--Dictionaries)

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKAYA, M.A.

Cholesterol metabolism in the liver and lungs following ionizing irradiation under hypothyreosis conditions. Dokl. AN BSSR 8 no.10: 675-676 O '64. (MIRA 18:3)

1. Minskiy gosudarstvennyy meditsinskiy institut.

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, M.O. [Kil'chevs'kyi, M.O.]

Vibration of rectangular plates. Nauk. zap. Kyiv. un. 16 no.16:79-92 '57. (MIRA 13:3)
(Elastic plates and shells--Vibration)

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

L 43782-66 EWT(d)/EWT(m)/T DJ
ACC NR: AP6032351 SOURCE CODE: UR/0021/66/000/005/0593/0597

AUTHOR: Kil'chevs'kyy, M. O. (Corresponding member AN UkrSSR); Kostyuk, E. M. 42 B

ORG: Institute of Mechanics, AN UkrSSR (Instytut mekhaniky AN UkrSSR)

TITLE: Dynamic interaction in gear transmissions due to deformation of teeth

SOURCE: AN UkrSSR. Dopovidi, no. 5, 1966, 593-597

TOPIC TAGS: mechanical power transmission device, transmission gear, material deformation

ABSTRACT: Local dynamic effects are examined in gear transmissions under Timoshenko-Hertz conditions. Errors due to poor workmanship, friction, and contact slip are neglected, as are the elastic forces on the gear shafts. Thus, the study is restricted to the dynamic torsion forces on the wheel shafts and the deformation of the teeth. Timoshenko's theory of collisions is used to formulate the relations describing the dynamic interactions due to tooth deformation. The results, obtained for spur gears, can be directly extended to bevel gears. Orig. art. has: 9 formulas. [JPRS: 36,712]

SUB CODE: 13, 20 / SUBM DATE: 21Jun65 / ORIG REF: 009

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

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S/021/62/000/007/005/008
I006/I206

AUTHOR: Kil'chevs'kyy, M.O., Corresponding Member AS UkrSSR

TITLE: On equivalent linearization of non-linear equations of the theory of elasticity and application of equivalent linearization to problems in theory of stability of shells

PERIODICAL: Akademiya nauk Ukrayns'koy RSR, Dopovidi, no.7, 1962, 875-879

TEXT: The application of one of the versions of the method of equivalent linearization to linear approximation of the components of finite deformation tensor of an elastic medium is disoussed. The construction of an equivalent medium deforming linearly and the application of this construction to the special problem

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S/021/62/000/007/005/008
I006/I206

On equivalent linearization...

of static stability of a cylindrical shell are demonstrated.

ASSOCIATION: Institut mekhaniki AN URSR (Institute for Mechanics AS UkrSSR)

SUBMITTED: February 17, 1962

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, M.O.

S/198/61/007/003/001/013
D264/D303

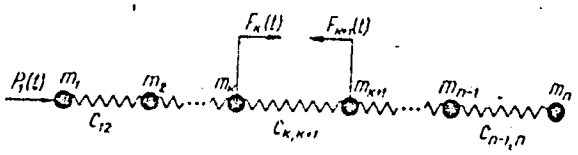
10 6300

AUTHORS: Kil'chevs'kyy, M.O., Konstantynov, A.Kh., and Protsenko, O.P. (Kyyiv)

TITLE: On the theory of longitudinal vibrations of a system of material points connected by springs

PERIODICAL: Prykladna mekhanika, v. 7, no. 3, 1961, 233 - 238

TEXT: The article considers a material system under the action of non-periodic forces, consisting of masses m_i (i = 1, 2, ... n) joined by springs whose constants are $c_{i,i+1}$ (i = 1, 2, ... n-1).



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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

On the theory of ...

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D264/D303

From an investigation of the longitudinal vibrations of such a system in order to find the frequency a high-order determinant is obtained. The article proposes a method of solving the resulting equations. The authors consider the action of a non-periodic force P_1 (t) applied to the mass m_1. The system is considered in two parts: The system of masses whose indices are $\leqslant k$, k+1, and those whose indices are $\geqslant$ k+1, k+2. The action of the spring between m_k and m_{k+1} is replaced by elastic forces which must be determined. The generalized co-ordinates are the displacements of the masses of the system. Considering the motion for each system separately, the equations of motion for the system m_j (j = 1, 2, ... k) are given and solved. From the known coordinates of the center of inertia of the system, and by substitution the equation of motion may be written

$$mx_c = \sum_{i=1}^{k} m_i x_i = \sum_{i=1}^{k-1} C_i \cos \omega_i t \sum_{i=1}^{k} m_i \Delta_i(\omega_i^2) + \ldots \qquad (11)$$

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$$+\sum_{s=1}^{k-1} D_s \sin\omega_s t \sum_{i=1}^{k} m_i \Delta_i(\omega_s^2) + (A + Bt)m, \qquad (11)$$

where $m = \sum_{i=1}^{k} m_i$. It is supposed that at a given instant of time the first and last mass of the system experience unit impulses. Then the initial expressions are

$$x_{j0}^{(2)} = 0 \quad (j = 1, 2, \ldots, k); \quad \dot{x}_{j0}^{(2)} = 0 \quad (j = 2, 3, \ldots, k-1);$$
$$\dot{x}_{10}^{(2)} = \frac{1}{m_1}; \quad \dot{x}_{k0}^{(2)} = \frac{1}{m_k}. \qquad (12)$$

When the system experiences forces $P_1(t)$ and $F_k(t)$, the displacement of the points of the system may be written

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$$x_j^{(2)} = \sum_{i=1}^{k-1} \frac{\Delta_j(\omega_i^2)}{\omega_i \sum_{a=1}^{k} m_a \Delta_a^2(\omega_i^2)} \left[\Delta_1(\omega_i^2) \int_0^t P_1(t_1) \sin \omega_i (t - t_1)\, dt_1 + \right.$$

$$\left. + \Delta_k(\omega_i^2) \int_0^t F_k(t_1) \sin \omega_i (t - t_1)\, dt_1 \right] + \frac{1}{m_1} \int_0^t P_1(t_1)(t - t_1)\, dt_1 + \tag{13.}$$

$$+ \frac{1}{m_k} \int_0^t F_k(t_1)(t - t_1)\, dt_1. \tag{13}$$

The general solution is of the form $x_j = x_j^{(1)} + x_j^{(2)}$ ($j = 1, 2, \ldots k$). The equation of frequency of the original system has one zero solution. Using the proposed method, as many zero solutions

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are obtained as the number of parts, into which the system is divided, [Abstractor's note: In the above case two]. There is no inconsistency here, since there is still one non-zero solution which has not been evaluated and which enters the analytical expression of the elastic force $F_K(t)$. Insofar as $F_K(t)$ is a continuous function possessing all derivatives, it may be written as a Taylor series for each interval. By this method the unknown function is obtained in the following form:

$$F_k\left(\frac{p-j}{p}t\right) = \Phi_{k,k+1}\left(\frac{p-j}{p}t\right) + \\ + c_{k,k+1}\sum_{i=0}^{p-j-1}\left\{\sum_{\sigma=k+1}^{n-1}\frac{\Delta_{k+1}^2(\omega_i^2)}{\omega_i^2\sum_{\alpha=k+1}^{n} m_\alpha\Delta_\alpha^2(\omega_i^2)}\left[F_k\left(\frac{i}{p}t\right)\left(\cos\frac{p-j-i}{p}\omega_i t - \right.\right.\right. \\ \left.\left.\left. - \cos\frac{p-j-i-1}{p}\omega_i t\right) + F_k'\left(\frac{i}{p}t\right)\left(\frac{1}{\omega_i}\sin\frac{p-j-i}{p}\omega_\sigma t - \right.\right.\right. \tag{21}$$

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$$-\frac{1}{\omega_\sigma}\sin\frac{p-j-i-1}{p}\omega_s t+\frac{p-j-i-1}{p}t\cos\frac{p-j-i-1}{p}\omega_s t-$$

$$-\frac{p-j-i}{p}t\cos\frac{p-j-i}{p}\omega_s t\Big)\Big]+$$

$$+\sum_{\sigma=1}^{k-1}\frac{\Delta_k^2(\omega_\sigma^2)}{\omega_s^2\sum_{\alpha=1}^{k}m_\alpha\Delta_\alpha^2(\omega_s^2)}\Big[F_k\Big(\frac{i}{p}t\Big)\Big(\cos\frac{p-j-i}{p}\omega_\sigma t- \qquad (21)$$

$$-\cos\frac{p-j-i-1}{p}\omega_\sigma t\Big)+F_k'\Big(\frac{i}{p}t\Big)\Big(\frac{1}{\omega_\sigma}\sin\frac{p-j-i}{p}\omega_\sigma t-$$

$$-\frac{1}{\omega_\sigma}\sin\frac{p-j-i-1}{p}\omega_\sigma t+\frac{p-j-i-1}{p}t\cos\frac{p-j-i-1}{p}\omega_\sigma t-$$

$$-\frac{p-j-i}{p}t\cos\frac{p-j-i}{p}\omega_\sigma t\Big)\Big]+\Big(\frac{1}{m_{k+1}}+$$

Card 6/8

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

On the theory of ...

$$+\frac{1}{m_k}\left)\left[\frac{(2i-2p+1)t^2}{2p^2}F_k\left(\frac{i}{p}t\right)+\right.$$

$$\left.+\frac{3p(2i+1)-2(3i^2+3i+1)}{6p^2}tF_k'\left(\frac{i}{p}t\right)\right]\Bigg\}; \qquad (21)$$

where $F_k(0) = \Phi_{k,k+1}(0)$. The author states that this method is sufficiently effective for investigating transient processes which last for a short time interval. In this case the appearance of secular terms in the solution does not cause any difficulty. These terms may be avoided if the formulae of mechanical quadratures are used to solve the integral equation. If the system consists of a large quantity of masses, it can be broken down into several systems so that the problem becomes one of solving a system of integral equations. There are 1 figure and 2 Soviet-bloc references.

Card 7/8

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

On the theory of ...

ASSOCIATION: Instytut mekhaniky AN URSR (Institute of Mechanics, AS UkrSSR)

SUBMITTED: June 15, 1960

Card 8/8

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

L 14433-66 EWT(d)/EWT(m)/EWP(w)/EWP(v)/EWP(k)/EWA(h)/ETC(m)-6 IJP(c) WW/EM
ACC NR: AP6002644 SOURCE CODE: UR/0021/65/000/011/1438/1443

AUTHOR: Kil'cheva'kyy, M. O. -- Kil'chevskiy, N. A. (Corresponding member AN UkrSSR); Komisarova, H. L. -- Komissarova, G. L.; Martynenko, V. S.

ORG: Institute of Mechanics, AN UkrSSR (Instytut mekhaniky AN URSR)

TITLE: Nonstationary motion of a viscous liquid in a thin elastic cylindrical tube

SOURCE: AN UkrRSR. Dopovidi, no. 11, 1965, 1438-1443

TOPIC TAGS: hydrodynamics, viscous flow, unsteady flow

ABSTRACT: The authors investigated theoretically the nonstationary motion of viscous incompressible liquids through deformable cylindrical tubes with the law of motion prescribed at the end cross sections of the tube. Tubes under consideration have large critical Reynolds numbers and the wall thickness-to-diameter ratio of the tube is small. It is assumed that at each point under consideration the velocity of the liquid is parallel to the axis of the tube. The solution is in the form of an approximate expression through special kinds of polynomials the coefficients of which are found by means of the least square method. Orig. art. has: 35 formulas.

SUB CODE: 20 / SUBM DATE: 12Feb65 / ORIG REF: 001
Card 1/1 BVK

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, N. A.

Nekotoryye metody integrirovaniya uravneniy ravnovesiya upruqikh obolochek. Prikl. Matem. i mekh., 4:2 (1940), 43-58.

SO: Mathematics in the USSr, 1917-1947
edited by Kurosh, A. G.
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, N.

Kil'čevskiĭ, N. Les méthodes approchées pour déterminer les déplacements dans les enveloppes cylindriques. Akad. Nauk Ukrain. RSR. Zbirnik Prac' Inst. Mat. 1946, no. 8, 97–110 (1947). (Ukrainian. Russian and French summaries)

The author shows a method of reducing the problem of elastic equilibrium of cylindrical shells to the solution of a system of integral equations, by applying the Betti theorem. In his previous publications on the subject the author used the same method, but in this one he introduces an auxiliary system of displacements in a plate. He uses a special coordinate system through the middle surface of the shell, which allows him to establish a one-to-one correspondence between the points of the plate and the points of the shell. Using the Betti theorem the solution of the elastic equilibrium of the shell consists of the sum of two quantities: the solution of the elastic equilibrium of the plate and an expression which depends on the curvature of the shell. The integral equations or, in the case of free boundaries, the integro-differential equations can be solved approximately by iteration, assuming that the curvature of the shell is sufficiently small. *T. Lazo* (Lexington, Ky.).

Source: Mathematical Reviews, Vol 12 No 5

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVS'KIY, N.O., professor.

Distribution of stresses and deformations in wire ropes. Nauk.zap. Kiev.un. 7 no.4:101-133 '48. (MLRA 10:5)
(Wire rope) (Strains and stresses)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, N. A.

35172. O Raspredelenii Napryazheniy I Deformatsiy Pri Kontaktnom Szhatii Dvukh Uprugikh Krugovykh Tsilindrov, Kasayushchikhsya Vdol' Obrazuyushchikh. V SB:50 Let Kievsk. Politekhn. In-Ta. Kiev, 1948, s.543-605 (?555-73)--- Bibliogr:5 Nazv

SO: Letopis' Zhurnal'nykh Statey, Vol. 48, Moskva, 1949

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

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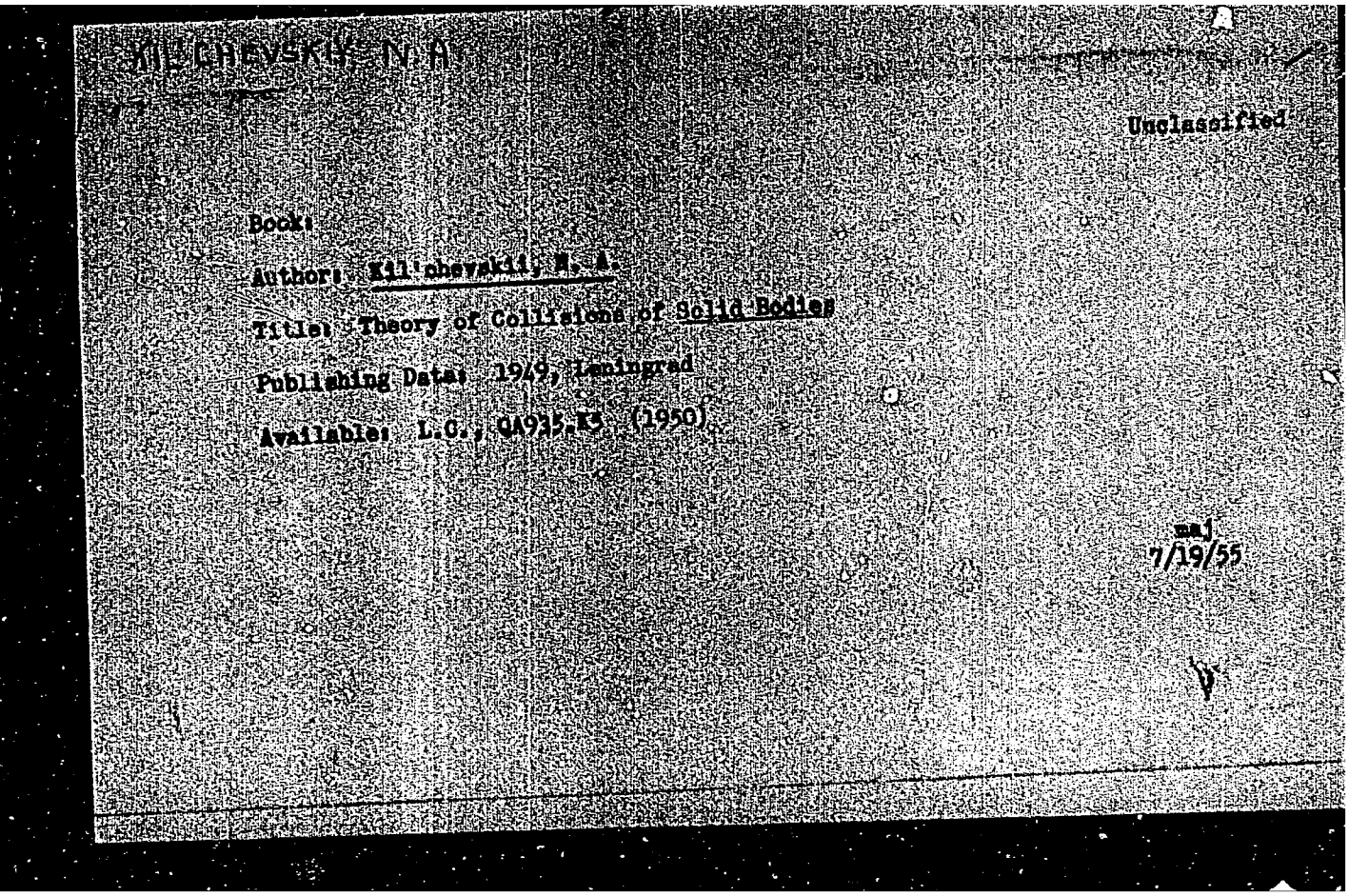

KIL'CHEVSKIY, N. A.

Unclassified

Book:

Author: Kil'chevskiy, N. A.

Title: Theory of Collisions of Solid Bodies

Publishing Data: 1949, Leningrad

Available: L.C., QA935.K3 (1950)

maj
7/19/55

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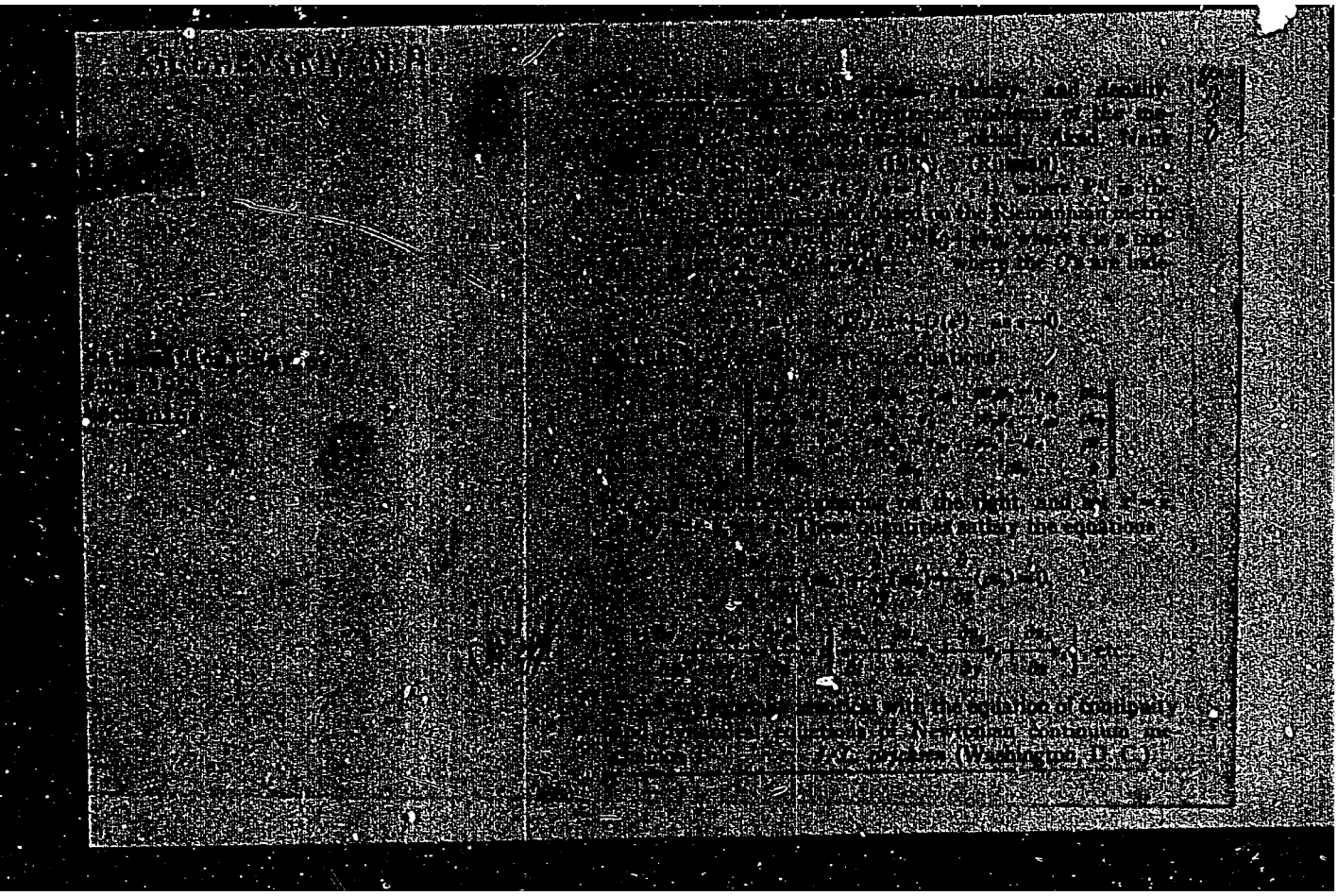

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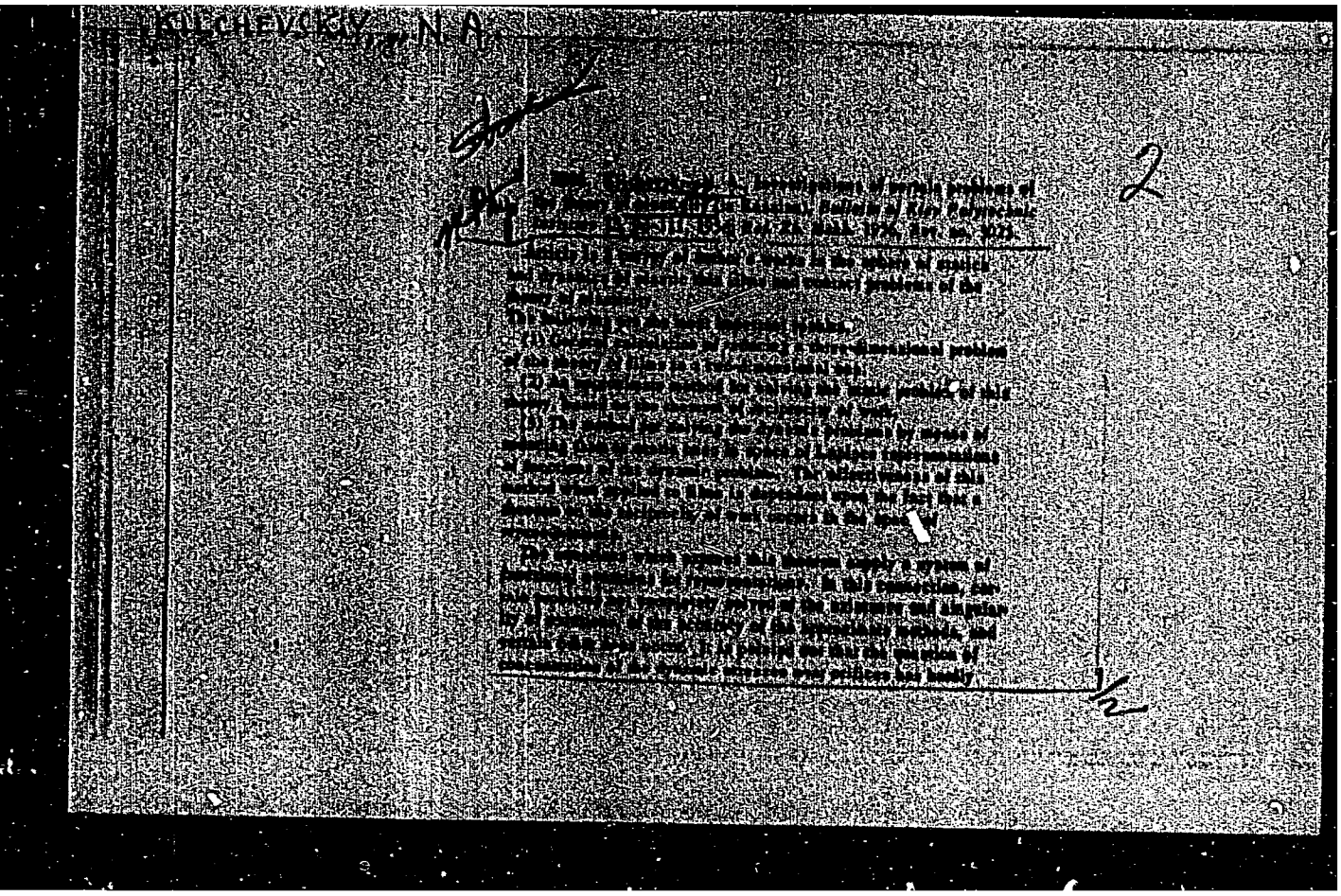
"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, N.A.

[Elements of tensor analysis and their application in mechanics] Elementy tenzornogo ischisleniia i ego prilozheniia k mekhanike. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1954. 167 p. (MLRA 7:9)
(Calculus of tensors) (Mechanics)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1



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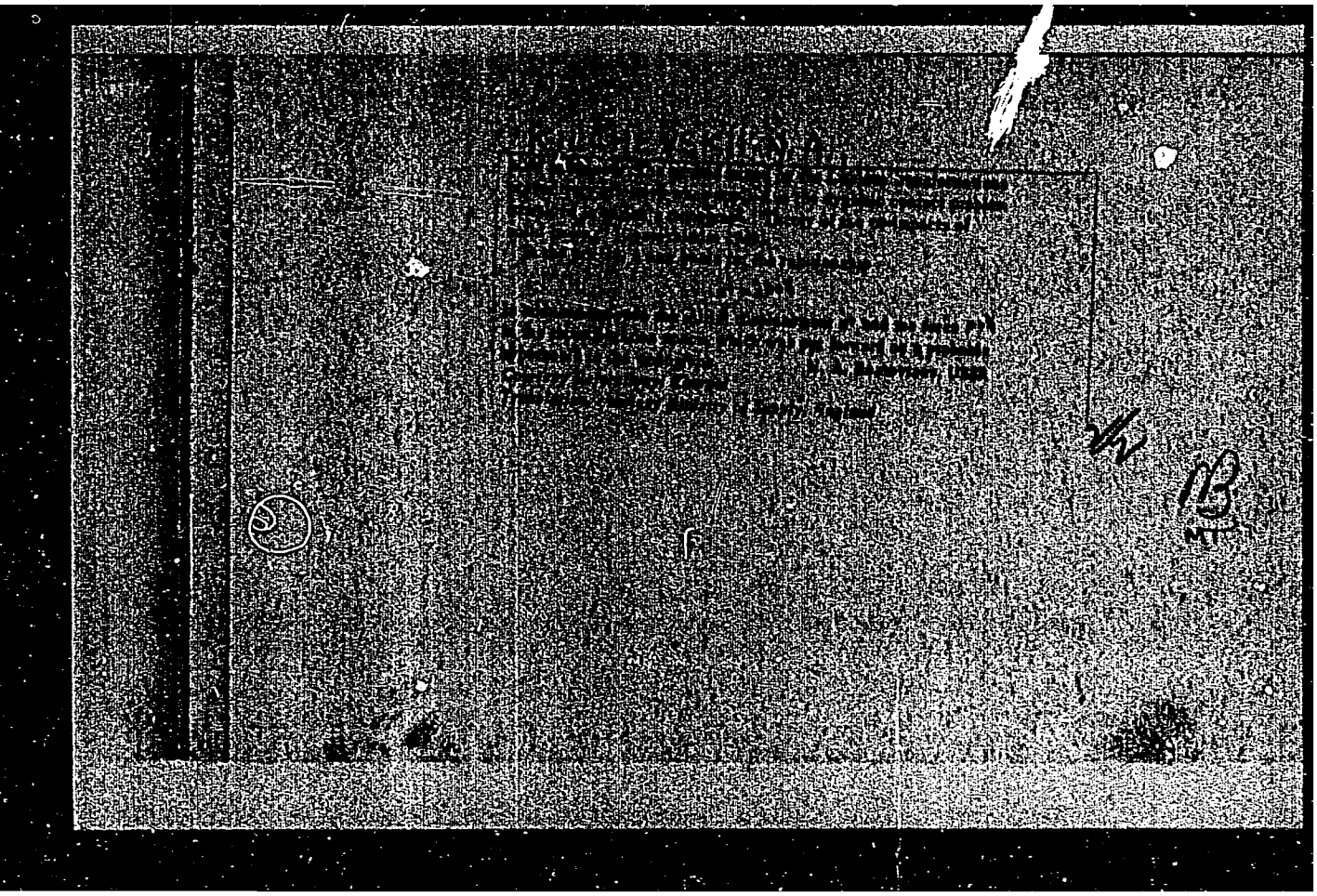

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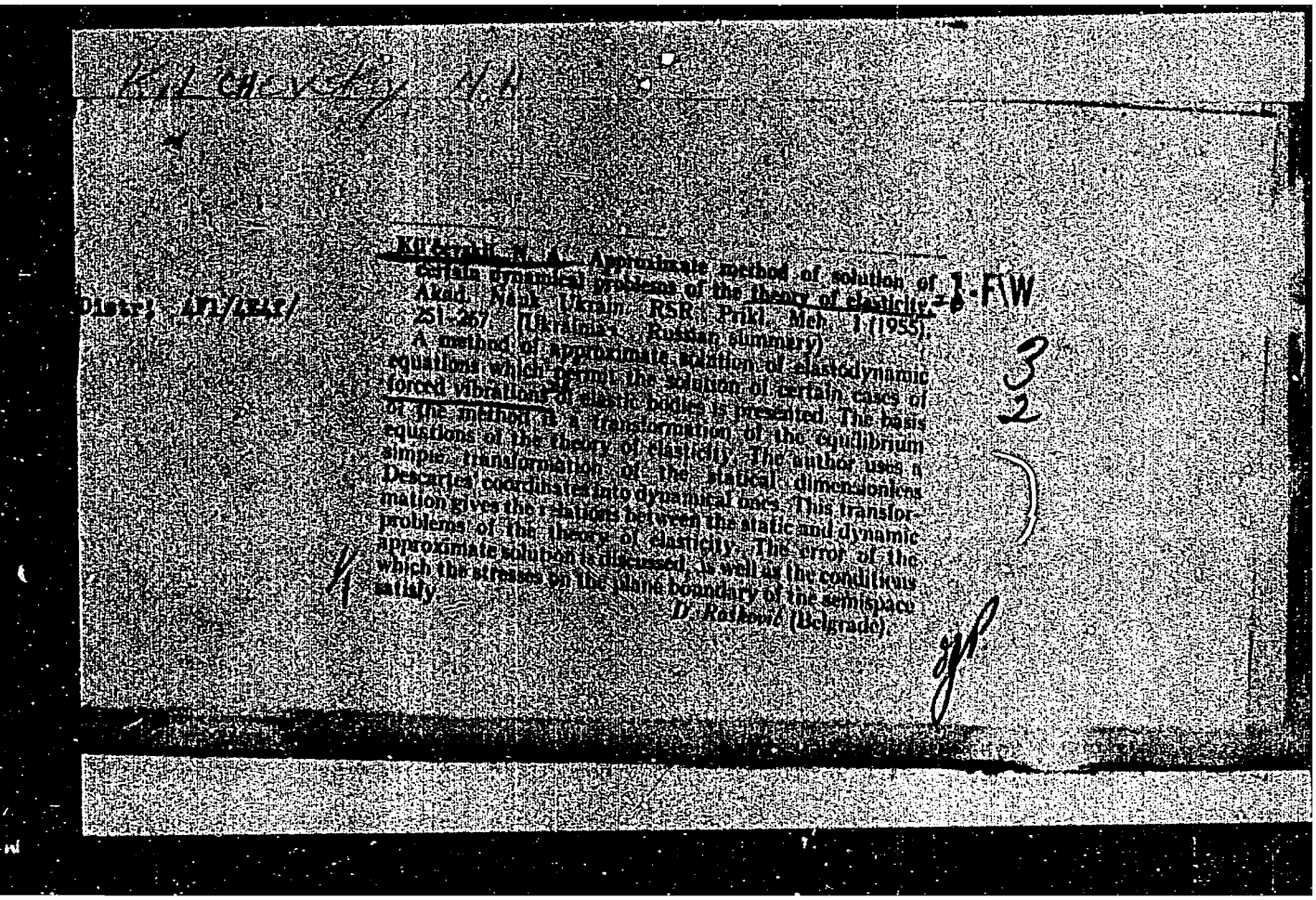
"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1



Kil'chevskiĭ, N. A. Approximate method of solution of certain dynamical problems of the theory of elasticity. Akad. Nauk Ukrain. RSR. Prikl. Meh. 1 (1955), 251–267. (Ukrainian. Russian summary)

A method of approximate solution of elastodynamic equations which permit the solution of certain cases of forced vibrations of elastic bodies is presented. The basis of the method is a transformation of the equilibrium equations of the theory of elasticity. The author uses a simple transformation of the static dimensionless Descartes coordinates into dynamical ones. This transformation gives the relation between the static and dynamic problems of the theory of elasticity. The error of the approximate solution is discussed, as well as the conditions which the stresses on the plane boundary of the semi-space satisfy.

D. Rašković (Belgrade).

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKII, N.A.

SOV/124-58-4-4529

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 4, p 122 (USSR)

AUTHOR: Kil'chevskiy, N. A.

TITLE: On the Determination of the Dynamic Stresses Occurring During Twisting of Round Variable-section Rods (Ob opredelenii dinamicheskikh napryazheniy, voznikayushchikh pri kruchenii v kruglykh sterzhnyakh s peremennym secheniyem)

PERIODICAL: Izv. Kiyevsk. politekhn. in-ta, 1956, Vol 19, pp 252-268

ABSTRACT: The paper analyzes the distribution of dynamic stresses occurring during torsional vibrations in round variable-section rods. The problem narrows down to the solution of a certain functional equation which can be reduced to a Fredholm integral equation of second rank. Exact and simplified integral equations of the problem are presented, the author having applied de Saint-Venant's principle in setting up the simplified equations. The application of the simplified integral equations makes it possible to obtain approximate formulae which determine the distribution of the stresses and strains in round variable-section rods.

Card 1/1 1. Beams--Stresses 2. Beams--Vibration 3. Mathematics

M. M. Manukyan

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, N.A.

AUTHOR: KIL'CHEVSKIY, N.A. (Kiyev) 40-5-5/20

TITLE: A Theorem on the Reciprocity of the Works and the Construction of Green's Tensor in the Theory of Small Elasto-Plastic Deformations (Teorema o vzaimnosti rabot i postroyeniye tenzora Grina v teorii malykh uprugo-plasticheskikh deformatsiy).

PERIODICAL: Prikladnaya Mat. i Mekh.,1957,Vol.21,Nr 5,pp.634-643 (USSR)

ABSTRACT: A generalization of a well-known theorem of elasticity theory concerning the reciprocity of the works is given by which an extension to elasto-plastic media is carried out on the one hand and to the existence of two bodies on the other hand. The two bodies are assumed to be equal with respect to deformation and geometric form, however, they are assumed to have different elasto-plastic properties in their materials. The well-known theorem of the reciprocity of works is a direct consequence of Green's formula applied to the Newton potential. If the deformations are assumed to be small, the solution can be found also for elasto-plastic deformations according to the same method, whereby a series decomposition in terms of powers of a small deformation parameter is carried out. Thus a method for the approximative construction of Green's tensor for an unlimited elasto-plastic medium is given.

Card 1/2

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

A Theorem on the Reciprocity of the Works and the Construction of Green's Tensor in the Theory of Small Elasto-Plastic Deformations 40-5-5/20

There are no figures, no tables and 7 Slavic references. The author particularly refers to the papers of Somil'yan and A.A. Il'yushin [Ref.4] .

SUBMITTED: December 28,1956

AVAILABLE: Library of Congress

Card 2/2

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

AUTHOR: Kil'chevskiy, N.A. (Kil'chevs'kyy , M.O.) 21-1-4/26

TITLE: Extremal Properties of the Solution of the Compression Contact Problem of Elastic Solids (Ekstremal'nyye svoystva resheniy zadachi o kontaktnom szhatii uprugikh tel)

PERIODICAL: Dopovidi Akademii Nauk Ukrains'koi RSR, 1958, # 1, pp 17-20 (USSR)

ABSTRACT: On the basis of the principle of least action, the author shows that the solution of the problem of a contact interaction between elastic solids is reduced to the investigation of the conditional extremum of the integral

$$\iint_{(\omega)} f(M)\, p^2(t,M)\, dS_M$$

where f(M) is a function depending on the density of the solids and the thickness of their surface molecular layers: p(t,M) is the contact pressure, and ω is the region of compression. If the values of surface molecular layer thickness and density of the solids are constant, the solution of the contact problem is reduced to the investigation of the conditional extremum of the integral

Card 1/2

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

21-1-4/26

Extremal Properties of the Solution of the Compression Contact Problem of Elastic Solids

$$\iint_{(\omega)} p^2(t,M)dS_M$$

The article contains 1 Russian and 2 Ukrainian references.

ASSOCIATION: Kiyev Polytechnic Institute (Kyivs'kyy politekhnichnyy instytut)

PRESENTED: By Academician of the Ukrainian Academy of Sciences G.N. Savin (Ukrainian spelling: G.M.)

SUBMITTED: 13 March 1957

AVAILABLE: Library of Congress

Card 2/2 1. Mathematics-Theory

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, N.A.[Kil'cheva'kyi, M.O.] (Kiiv)

H. Hertz' investigations of the contact problem and some stages of their further development [with summary in English]. Prikl. mekh. 4 no. 2:121-129 '58. (MIRA 11:8)

1. Kiivs'kiy politekhnichniy institut.
(Elasticity)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, N.A. [Kil'chevs'kyi, M.O.] (Kiyev); TKACHUK, G.I. [Tkachuk, H.I.] (Kiyev)

Some properties of integral equations based on the theorem of reciprocity of work. Prykl.mekh. 5 no.2:210-212 '59. (MIRA 12:9)

1. Kiyevskiy politekhnicheskiy institut.
(Integral equations)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KIL'CHEVSKIY, N.A. (Kiyev)

Integrodifferential and integral equilibrium equations for thin elastic shells. Prikl.mat. i mekh. 23 no.1:124-133 Ja-F '59. (MIRA 12:2)

(Elastic plates and shells)
(Integral equations)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1"

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KHACHEVSKIY, N.A.

report presented at the 1st All-Union Congress of Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb '60.

134. A. A. Ilyushin (Moscow): Problems of the theory of plasticity under combined loading.

135. V. K. Kabulov (Tashkent): Elastic-plastic vibrations of rods of non-circular cross section.

136. V. S. Kalinin (Leningrad): The forced non-linear flexural vibrations of a homogeneous prismatic rod and a very long rectangular plate.

137. S. Kaliski (Warsaw): On a method of solving the equations of motion for an infinite anisotropic medium in the presence of a magnetic field.

138. S. N. Kan, P. A. Shkalni (Khar'kov): An engineering method for the design of open prismatic shells.

139. I. I. Kandaurov (Leningrad): The distribution of vertical compressive stresses and strains in foundations in homogeneous or stratified soils.

140. B. Ia. Kantor (Khar'kov): Bending of cantilever plates of variable stiffness.

141. K. S. Karapetian (Erevan): The effect of aging and anisotropy on the creep of concrete.

142. L. M. Kachanov (Leningrad): On the time of rupture in creep.

143. L. M. Kachanov (Leningrad): On some variational principles and methods in the theory of plasticity.

144. K. A. Kerimov (Baku): A procedure of determining an impact tension diagram for large deformations.

145. M. A. Kilchevskii (Kiev): Some generalizations of the formulation of elastostatic and elasto-dynamic contact problems and methods for their solution.

146. A. Kh. Kim (Omsk): The flow of a visco-plastic medium in a cone.

147. I. A. Kitover (Leningrad): On the elastic equilibrium of thin, infinite orthotropic plates.

148. K. V. Kovalev (Khar'kov): Models of the influence surfaces for the intensity of the bending moment in thin plates and shells.

149. A. D. Kovalenko (Kiev): Shallow shells of revolution of variable thickness in a three-dimensional temperature field.

150. K. Kozarov (Sofia): Dynamic stability of cylindrical and spherical shells.

151. M. Kozarov (Sofia): The influence of initial imperfections of shape on the stability of thin elastic cylindrical sandwich shells under axial compression.

152. W. T. Koiter (Delft): Elastic stability and post-buckling behavior.

153. A. S. Kondratev (Kuibyshev), Yu. P. Markov (Orenburg): The effect of support elasticity on the natural vibrations of rods.

154. I. M. Kopev, I. A. Oding (Moscow): Strength and plasticity of "whiskers".

155. B. G. Korenev (Moscow): The design of flexible plates and beams on elastic foundation.

156. M. S. Kornishin (Kazan): Bending of rectangular shallow shells with elastic ribs.

157. M. S. Kornishin (Kazan): On the solution of the nonlinear algebraic equations of shell theory.

158. V. G. Korotkin, D. M. Tartakovskii (Leningrad): The one-dimensional problem of the consolidation of a sediment layer with variable specific weight and variable water permeability.

159. A. S. Kosmodamianskii (Saratov): The elastic equilibrium of anisotropic plate with a finite number of elliptical holes.

160. Kh. I. Kosteris (Yaroslavl), I. V. Kragelskii (Moscow): Rheological phenomena in dry friction.

161. Yu. V. Krotov (Stalinsk): Lateral stability of coupled arches with double curvature.

162. A. I. Kuznetsov (Leningrad): On the theory of plane plastic stress.

163. V. S. Kukudzhanov, L. V. Nikitin (Moscow): Propagation of elastic, visco-plastic waves in bars.

164. V. D. Kupradze (Tbilisi): The investigation of contact problems in the theory of elasticity by the method of singular integral equations.

165. N. V. Lasovskaia (Moscow): The investigation of the deformations of drains on models by the X-ray method.

166. A. Langenbach (Berlin): Application of the non-linear variational principle to some problems of the theory of elastic-plastic strains.

167. B. M. Levi (Moscow): The investigation of rheological properties of gelatin solutions.

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

KILCHEVSKIY, N. A. (Acad. Sci. USSR)

"Some Generalizations of the Formulation and the Methods of solution of Static and Dynamic Contact Problems, "

report presented at the 10th International Congress of Applied Mechanics, (ICSU) Stresa, Italy, 31 August - 7 Sep 1960

In the author's absence, the paper was presented by G. S. Shapiro. Hertz's contact problem is reconsidered and the distribution of the contact pressure is determined in the static case. Dynamic contact was studied also, indicating that local inertia forces may be of considerable influence.

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"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000722520011-1

S/179/60/000/04/018/027
E191/E181

AUTHOR: Kil'chevskiy, N.A. (Kiyev)

TITLE: ~~Formulation and Method~~ of Solution of the Contact Pressure Problem between Elastic Bodies Bounded by Developpable Surfaces

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Mekhanika i mashinostroyeniye, 1960 No 4, pp 138-141

TEXT: It is stated that the analysis of contact pressure in helical involute gear engagements has not hitherto been based on an appropriate theory of contact pressure for bodies bounded by developpable surfaces. The formulation and a method of numerical solution for this problem suitable for electronic computer procedures are presented. It is assumed that, before deformation, the bodies make contact along a common truncated generator line. The effects of friction and lubrication are neglected. The compression of bodies is examined which have a sufficiently large general stiffness so that deformations remote from the region of pressure can be ignored in the analysis of that region. A system of equations governing contact pressure under the conditions described is recited, following A.N. Grubin (Ref 3). The equations

Card 1/2

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