

MATSAKYAN, Kh.

Performance of a short-footage tunnel-type kiln. Prom. Arm. 4
no. 3:46-48 Mr '61. (MIRA 14:6)

1. Nachal'nik proizvodstvenno-tekhnicheskogo otdela Tumanyanskogo
zavoda ogneporov. (Kilns)

MATSEKIAN, Kh.

What the expansion of the Tumanyan Refractories Plant will
mean. *Pravda*, Art. 4 no.6:22-23 Jo '61. (MIRA 14:8)

1. Nachal'snik proizvodstvenno-tekhnicheskogo otdela,
Tumanyanskiy zavod ogneporov.
(Tumanyan—Refractories industry)

MATSAKYAN, Kh.

Hermetically sealed band conveyer. Prom. Arm. 4 no. 8: 57-58
Ag '61. (MIRA 14:8)
(Conveying machinery)

MATSAKYAN, Kh.Ye.

Operating a tunnel kiln. Ogneuproy 26 no. 4:163-166 '61.

(MIRA 14:5)

1. Tumanyanskiy ogneupornyiy zavod.
(Kilns)

MATSAKYAN, Kh.Ye.

Electing the council of the Scientific Technological Society
for the Tumanian Refractory Plant. Ogneupory 27 no.6:202 '62.
(MIRA 15:5)
(Tumanian Refractories industry)

LAZAREV, B.G.; LAZAREVA, L.S.; OVCHARENKO, O.N.; MATSAKOVA, A.A.

Effect of all-round compression on the temperature of a superconducting junction in Nb₃Sn. Zhur. eksp. i teor. fis. 43 no. 6: 2309-2310 D '62. (MIRA 16:1)

**1. Fiziko-tehnicheskiy institut AN UkrSSR.
(Niobium-tin alloys) (Superconductivity)**

BUKHAROV, V.K., inzh.-kapitan; DEVIDZE, B.A., kapitan tekhn.sluzhby
MATSANOV, V.A., starshiy tekhnik-leytenant

Where does the secret of success lie? Vest. Vozd. Fl. no.10:80-
82 0 '61. (MIRA 15:2)
(Airplanes, Military—Maintenance and repair)

ACC NR: AP6021063

(A, N)

SOURCE CODE: UR/0292/66/000/003/0061/0062

AUTHOR: Shor, A. M.; Matsanova, A. L.

ORG: none

TITLE: Selection of voltage for motors with printed rotor winding

SOURCE: Elektrotehnika, no. 3, 1966, 61-62

TOPIC TAGS: electric motor, disk rotor motor, *electric rotating equipment part*

ABSTRACT: In most cases the eddy-current loss sets the lower limit to the disk-motor voltage. Based on thermal relations in the motor, this formula is deduced for

optimal voltage: $U_* = \frac{1.2P}{a_1 a_2 \eta^* W} \sqrt{\frac{k_s}{1-a_2}}$, where P - motor rated power, B - average induction, f - frequency, W - permissible heat loss in the armature, η^* - motor efficiency; other symbols, various design coefficients. The latter were determined on a digital computer for average conditions and the motor design of the Novosibirsk Electrotechnical Institute; plots of voltage vs. power for various pole-pair numbers are shown. Orig. art. has: 4 figures and 15 formulas.

SUB CODE: 09 / SUBM DATE: none

Card 1/1

UDC: 621.313-13.101.4.001.2

MATSARIN, K.A.; KRASKOVSKIY, S.V.; YEDNERAL, F.P.

Nickel smelting in vacuum. Izv. vys. ucheb. zav.; chern. met.
7 no.1:62-68 '64. (MIRA 17:2)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii
i mashinostroyeniya i Moskovskiy vecherniy metallurgicheskiy
institut.

ACC NR: AR6029474

SOURCE CODE: UR/0196/66/000/006/1011/1011

AUTHOR: Shor, A. M.; Parshukov, B. A.; Matsanova, A. L.; Churkin, V. S.

TITLE: Eddy-current loss in printed conductors of electric-machine windings

SOURCE: Ref. zh. Elektronika i energetika, Abs. 6I66

REF SOURCE: Sb. dokl. k Nauchno-tekhn. konferentsii po elektr. mashinam s pechata. obmotkami. Novosibirsk, 1965, 56-70

TOPIC TAGS: electric machine, printed winding, eddy current loss, *electronic manufacturing machinery*

ABSTRACT: Formulas have been developed for determining the eddy-current loss in printed-winding conductors, in disk-type and cylindrical d-c machines. At first, a curve of magnetic induction in the interpole space (which essentially differs from the straight line) has been plotted by using the method of conformal transformation and also experimental data. The losses are calculated on a digital computer for various dimension ratios of the magnetic system. In the case of disk armature, the loss was determined in copper-foil segments pasted on a disk which was rotated in a magnetic field by an auxiliary motor at a constant rpm. The losses were calculated from the braking torque measured by a spring-type

Card 1/2

UDC: 621.313.13.024.001.24:621.3.017.22

ACC NR: AR6029474

sensor on the shaft of the auxiliary motor. In measuring the losses by thermo-couples, the temperature of the segments was noted, and its effect on the segment resistance was taken into account. The losses were measured in the straight and slant conductors, in cross-slot conductors, etc. Ten figures. N. Astakhov
[Translation of abstract]

SUB CODE: 09

Card 2/2

ACC NR: AR6029473

SOURCE CODE: UR/0196/66/000/006/I010/I010

AUTHOR: Shor, A. M.; Matsanova, A. L.; Parshukov, B. A.

TITLE: Distribution of eddy-current loss along the printed-winding conductor in a d-c machine armature

SOURCE: Ref. zh. Elektronika i energetika, Abs. 6I165

REF SOURCE: So. dokl. k Nauchno-tekhn. konferentsii po elektr. mashinam s pechatn. obmotkami. Novosibirsk, 1965, 71-78

TOPIC TAGS: electric ~~machine~~ ^{motor}, dc machine, printed winding, *electronic*

~~manufacturing machinery~~
ABSTRACT: The distribution is considered of specific eddy-current loss along the active portion of the armature conductor. It is assumed that the magnetic-induction vector is perpendicular to the conductor surface and remains constant along the conductor. In the interpole space, the induction varies linearly. The loss-distribution calculation includes determining the components of the electric-field strength, from which the loss-vs.-coordinate relation is derived. Formulas are derived of specific-loss distribution along the conductors in disk- and cylindrical-armature machines; curves are plotted from these formulas. The curves show that, in the disk printed windings, the eddy-current loss in the conductor is distributed practically as the square of the disk radius. In the cylindrical-armature conductors, the eddy-current loss is distributed uniformly along the conductor. Four figures. N. Astakhov.

[Translation of abstract]

SUB CODE: 09

Card 1/1

UDC: 621.313.13.024.001.24:621.3.017.22

E 27178-65 EWP(e)/EPA(n)-2/EWT(m)/EPT(n)-2/EPA(w)-2/T/EWP(t)/EWP(b) Pub-10/
 Pad/Pt-10/Pu-5 IJP(c) JD/WW/PW/JG/WH
 ACCESSION NR: AP4009587 S/0148/64/000/001/0052/0068

AUTHORS: Matsar, K. A.; Kraskovskiy, S. V.; Yedneral, F. P.

TITLE: Fusion of nickel in vacuum

SOURCE: IVUZ. Chernaya metallurgiya, no. 1, 1964, 62-68

TOPIC TAGS: nickel fusion, vacuum melting, deoxidation, nickel re-
 fining, crucible material, corundum crucible

ABSTRACT: Corundum crucibles are the best for vacuum melting of
 nickel because the nickel picks up only traces of aluminum as
 compared with ZrO_2 crucibles which leave a substantial amount of

and accompanied by high metal loss due to evaporation and reaction

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L 27178-65

ACCESSION NR: AP 4009587

2

of the nickel with the crucible material. It was also found that in addition to the combined oxygen (NiO) in the metal, there is also free oxygen which separated at the start of the vacuum melting

free oxygen which separated at the start of the vacuum melting period; and on melting in air, the minimum oxygen concentration in nickel (with minimum carbon content) is 0.045% while in vacuum melting it is 0.022%. Orig. art. has: 6 figures, 1 table and 2 equations.

ASSOCIATION: TsNITMASH; Moskovskiy vecherniy metallurgicheskii institut (Moscow Metallurgical Night School)

SUBMITTED: 24Apr63

ENCL: 00

SUB CODE: MM

NR REF SOV: 003

OTHER: 002

Card

2/2

MATSARINA, I.B., nauchnyy sotrudnik; TITYANKO, T.K., nauchnyy sotrudnik;
~~YAKOVLEVA, R.I., nauchnyy sotrudnik; BLOKHIN, N.N., red.;~~
SHADRINA, N.D., tekhn.red.

[The 30th anniversary of the First All-Union Congress of shock
brigades; collected documents and materials] Pervyi Vsesoiuznyi
s"ezd udarnykh brigad; k tridtsatiletiu s"ezda. Sbornik dokumentov i materialov. Moskva, Izd-vo VTsSPS Proizdat, 1959.
190 p. (MIRA 13:4)

1. Tsentral'nyy gosudarstvennyy arkhiv Oktyabr'skoy revolyutsii i
sotsialisticheskogo stroitel'stva SSSR (for Matsarina, Tityanko,
Yakovleva).

(Socialist competition)

1 SP66-66 INT(1)/INT(m)/I/IMP(t)/IMP(s)/DMA(h) IJP(e) JP/AS

AGC NR: AF5022445

SOURCE CODE: UR/0109/65/010/009/1733/1735

AUTHOR: Pyraschenko, V. Ye.; Snitko, O. V.; Matsas, Ya. P.

44.05

44.05

44.05

43

OB

ORG: none

TITLE: Investigation of the gold-doped physical surface of germanium

SOURCE: Radiotekhnika i elektronika, v. 10, no. 9, 1965, 1733-1735

TOPIC TAGS: germanium semiconductor, semiconductor research

ABSTRACT: The results of an experimental investigation of n-Ge specimens (45 ohms-cm, volume lifetime, 1/pscc) etchant-doped with Au are reported. Fast-state charge vs. surface potential and surface recombination rate vs. surface potential curves are shown. It is found that the Au-doping produces a second recombination level located above the E_1 ($E_2 = +6kT$) with capture cross-sections of $C_{n2} = 10^{-16} \text{ cm}^2$, $C_{p2} = 3 \times 10^{-13} \text{ cm}^2$ (acceptor level). The Au-doping also creates a set of fast nonrecombination states located higher and lower than the center of the forbidden band E_1 as compared to E_2 and E_3 . The authors wish to thank N. A. Petrova for her help in doping the specimens. Orig. art. has: 2 figures.

UDC: 539.293.011.7:535.215.12:546.289

SUB CODE: EC/ SUBM DATE: 23Nov64/ ORIG REF: 003/ OTH REF: 003

0901 1148

I. 7043-66 EWP(t)/EWP(b)/EWA(h) IJE(c) JD/JG

ACC NR: AP6001100

SOURCE CODE: CZ/0043/65/000/002/0107/0114

AUTHOR: Naessak, F. - Mateashak, F. (Graduate chemist); Cech, R. - Chakh, R. (Graduate chemist)ORG. Naessak Faculty of Inorganic Chemistry and Radiochemistry, Department of Natural Sciences, Comenius University, Bratislava (Katedra anorganickej chémie a radiochémie Prirodovedeckej fakulty University Komenského); Cech Department of Biochemistry and Radiation Chemistry, Research Institute for Food Preservation, Bratislava (Oddelenie biochémie a rádiacnej chémie Vyskumného ústavu pre konzerváciu potravín)TITLE: Chromatographic separation of radiochemically pure Y sup 90 from the mother solution of Sr sup 90.

SOURCE: Chemické zvesti, no.2, 1965, 107-111

TOPIC TAGS: chromatographic analysis, chemical separation, radiation chemistry, solution property, radio strontium, yttrium, radioisotopes

ABSTRACT: The separation factor for the separation of RdY and $RdSr$ in 0.01 M solutions of ethylene diamine tetracetic acid at pH 4 - 4.5 is about 10^3 - 10^4 . Influence of cations Ca, Zn, and Mg upon the separation is discussed; the influence changes with the concentration of the solution. Condition for separation on Dowex 50X2 in the H^+ form (200-230 mesh, column 30 cm high, 0.44 cm² area) with elution by 0.01 M ethylene diamine tetracetic acid at 5.11 pH is described. At a velocity

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I 7043-66

ACC NR: AP6001100

of 0.8 ml/min a minimum 33 times elution of Y90 from Sr90 is obtained. The purity of the Y is over 99.9998 %. Orig art. has: 3 figures, 5 formulas, and 2 tables.

SUB CODE: 07, 15, 20 / SUBM DATE: 10Jul64 / ORG REF: 004 / OTH REF: 003
SOV REF: 004

BC
Card 2/2

MATSAS, K. P.; KOININ, A.M.; PANCHENKOV, G.M.

Mass spectrometric isotopic analysis of silicon. Vestn. Mosk. univ.
Ser. 2: Khim. 19 no. 5: 571-572, 1977.

(MIRA 17:11)

1. Kafedra fizicheskoy khimii Moskovskogo universiteta.

L 17003-66 EWT(1)/EWA(h) SCTB DD

ACC NR: AT6003893

SOURCE CODE: UR/2865/65/004/000/0573/0580

AUTHOR: Maystrakh, Ye. V.; Il'yutkin, G. M.; Konstantinov, V. A.; Yeremenko, I. V.;
Krasil'nikov, S. A.; Lysenko, O. Yu.; Matsata, V. F.; Privalentsev, V. I.

ORG: none

TITLE: Automatic apparatus to create reversible and controllable hypothermia for possible use in space flight

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy kosmicheskoy biologii, v. 4, 1965, 573-580

TOPIC TAGS: cybernetics, hypothermia, space physiology, physiologic parameter, space flight

ABSTRACT: The authors designed and tested an apparatus consisting mainly of a set of sensors of physiological functions and a logical device to process the readings of the sensors and to issue the appropriate commands for heating or cooling should the established parameters (e. g., rectal temperature, skin temperature, depth of respiration, arterial pressure, motor activity) be exceeded. The apparatus functioned very efficiently in experiments on 16 dogs with a body temperature of 22-

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ACC NR: AT6003893

-25°C. The apparatus cooled the body to the prescribed level, maintained the desired level of hypothermia and state of anesthesia for up to 24 hours, and restored normal body temperature. The authors recommend a continuation of research with a view to perfecting the sensing elements, increasing the amount of information to be processed (brain and heart biopotentials), and providing the logical and control system with means of self-instruction and self-organization. Orig. art. has: 2 figures, 1 table.

SUB CODE: 06/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000

Card 2/2 7195

MAYSTRAKH, Ye.V.; IL'YUTKIN, G.N.; KONSTANTINOV, V.A.; YEREMENKO, I.V.;
KRASIL'NIKOV, S.A.; LYSENKO, O.Yu.; MATSATSA, V.E.; PRIVEZENTSEV,
V.I.

Automatic unit for developing reversible and controllable
hypothermia for possible use in space flight. Probl. kosm.
biol. 4:573-580 '65. (MIRA 18:9)

GRINSHPUK, L.D., MATSATUNYAN, A.A.

Myeloid-megakaryocytic variant of osteomyeloreticulosis. Probl.
gemat. i perel. krovi 3 no.3:24-27 My-Je '58 (MIRA 11:6)

1. Iz III kafedry terapii (zav. - chlen-korrespondent AMB SSSR
prof. I.A. Kassirskiy) Tsentral'nogo instituta usovershenstvovaniya
vrachey.

(POLYCYTHEMIA VERA, case reports
myeloid-megakaryocytic osteomyeloreticulosis (Rus))

MATSAVERIDIS, G.D., insh.

Improving the quality of planed veneer. Der.prom. 9 no.8:11-12
Ag '60. (MIRA 13:8)
(Veneer and veneering)

67904

~~16(1)~~ 16,3400

SOV/20-130-3-4/65

AUTHOR: Matsayev, V.I.TITLE: The Existence of a Transformation Operator for High-order Differential Equations

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 130, Nr 3, pp 499-502 (USSR)

ABSTRACT: Let $y(x, \lambda)$ be the solution of $y^{(n)} + q(x)y = \lambda^n y$ for the initial conditions $y(0, \lambda) = 1$, $y^{(k)}(0, \lambda) = 0$ ($k = 1, \dots, n-1$). Let $\omega(x, \lambda)$ be the solution of $\omega^{(n)} = \lambda^n \omega$ for the same initial conditions. In addition to a result of L.A. Sakhnovich [Ref 2] the author proves the theorem: If

$$q(x) = \begin{cases} q_0(x) & , \quad 0 \leq x \leq \delta \\ 0 & , \quad x > \delta \end{cases}$$

where $q_0(x) \neq 0$ is an entire function and δ a positive number, then the representation

$$(1) \quad y(x, \lambda) = \omega(x, \lambda) + \int_0^x K(x, t) \omega(t, \lambda) dt$$

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67904

The Existence of a Transformation Operator for
High-order Differential Equations

SOV/20-130-3-4/65

for $x > N_\delta$, where N_δ depends on n and δ , is not possible.

The author mentions A.Ya. Pozner, V.A. Marchenko, I.M. Gel'fand and B.M. Levitan. He thanks B.Ya. Levin for the interest in this paper.

There are 3 figures, and 3 Soviet references.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet imeni A.M. Gor'kogo
(Khar'kov State University imeni A.M. Gor'kiy)

PRESENTED: October 12, 1959, by S.N. Bernshteyn, Academician

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SUBMITTED: October 10, 1959

Card 2/2

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68795
S/020/60/131/01/004/060

AUTHORS: Lyubich, Yu.I., Matsayev, V.I.

TITLE: On the Spectral Theory of Linear Operators ¹⁶ in Banach Space

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 131, Nr 1, pp 21-23 (USSR)

ABSTRACT: A linear operator A in a Banach space is called S-operator, if 1.) its spectrum lies on the real axis, 2.) to every finite interval Δ of the real axis there corresponds a subspace $L(\Delta)$ invariant under A which has the properties : a.) A is everywhere defined and bounded in $L(\Delta)$ b.) the spectrum of the part of A induced on $L(\Delta)$ consists of the intersection of the spectrum of A with Δ and possibly of the ends of Δ c.) every invariant subspace, on which A is everywhere defined and bounded and possesses a part of Δ as the spectrum, lies in $L(\Delta)$; 3.) the system of the invariant subspaces $L(\Delta)$ which corresponds to an arbitrary covering of the real axis by finite intervals is complete.

A is called locally correct, if 1.) A is a closed operator with a dense domain of definition D_A ; 2.) the Cauchy problem X

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On the Spectral Theory of Linear Operators in Banach Space 68795
3/020/60/131/01/004/060

1 $\frac{dx(t)}{dt} = Ax(t) \quad (-\infty < t < \infty)$, $x(0) = x$ possesses for every

$x \in D_A$ a unique solution $s(t) = U_t x$ in the class of strongly differentiable vector functions ; 3.) the operator U_t is uniformly bounded in every finite t -interval.

Theorem 1 : If A is locally correct and if

$$(1) \int_{-\infty}^{\infty} \frac{\ln \|U_t\|}{1+t^2} dt$$

converges, then A is an S-operator.

Theorem 2 : Let the measurable locally bounded function $\alpha(t) \geq 1 \quad (-\infty < t < \infty)$ satisfy the condition $\alpha(t+s) \leq \alpha(t)\alpha(s)$ $(-\infty < t, s < \infty)$. If here it is

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✓

On the Spectral Theory of Linear Operators in Banach Space ⁶⁸⁷⁹⁵ S/020/60/131/01/004/060

$\int_{-\infty}^{\infty} \frac{\ln \varphi(t)}{1+t^2} dt = \infty$, then it exists a Hilbert space and on it

a locally correct operator A with a real spectrum which is no S -operator, such that it holds $\|U_t\| \leq \varphi(t)$ ($-\infty < t < \infty$).

Theorem 3: Let A be a closed operator with a real spectrum which is defined on a dense domain. If it is

$$(3) \int \ln \ln M(\delta) d\delta < \infty,$$

then A is an S -operator. Here it is $M(\delta) = \sup_{|\operatorname{Im} \lambda| \geq \delta} \|R_\lambda\|$,

where R_λ is the operator resolvent.

V.A. Marchenko, O.I. Inozentseva, and L.I. Ronkin are mentioned.

Card 3/4

On the Spectral Theory of Linear Operators in Banach Space ⁶⁸⁷⁹⁵ S/020/60/131/01/004/060

There are 9 references, 6 of which are Soviet, 2 French, and 1 American.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet imeni A.M.Gor'kogo
(Khar'kov State University imeni A.M. Gor'kiy)

PRESENTED: November 16, 1959, by V.I. Smirnov, Academician

SUBMITTED: November 13, 1959

✓

Card 4/4

16,3000

S/020/60/132/02/11/067

AUTHOR: Matsayev, V. J.

16

TITLE: Growth of Integral Functions Permitting of Some Estimates From Below

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No 2, pp. 283-286

TEXT: Let $z = x + iy = re^{i\varphi}$; $\xi = \rho e^{i\theta}$; let $C > 0$ not depend on $r, \varphi, \rho, \theta, x, y$.

Theorem: If an integral function $f(z)$ admits the estimation

$$|f(z)| > \exp \{ -Cr^\alpha |\operatorname{cosec} \varphi|^k \} , \alpha > 0, k \geq 0$$

then the growth of $f(z)$ is not higher than of order α , and of normal type.

The author thanks N. J. Akhiezer, B. Ya. Levin and J. V. Ostrovskiy for advices.

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S/020/60/132/02/11/067

Growth of Integral Functions Permitting of Some Estimates From Below

There are 3 references: 2 Soviet and 1 Finnish.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet imeni
A. M. Gor'kogo (Khar'kov State University imeni A. M. Gor'kiy)

PRESENTED: January 3, 1960, by S. N. Bernshteyn, Academician

SUBMITTED: December 29, 1959

X

Card 2/2

MATSAYEV, V.I.; RONKIN, L.I.

Quasi-analytic classes of functions of several variables. Uch.
zap. KHGU 115:49-57 '61. (MIRA 17:5)

16.4600

25705
S/020/61/139/003/004/025
C111/C222

AUTHOR: Matsayev, V.I.

TITLE: A certain class of completely continuous operators

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 139, no. 3, 1961, 548-551

TEXT: The author uses notions and notations of (Ref. 1: I.Ts. Gokhberg, M.G. Kreyn, DAN 137, no 5 (1961)). \mathcal{R}_∞ is the Banach space of all completely continuous operators in the separable Hilbert space \mathcal{H} with the norm $|A|_\infty = \sup_{f \in \mathcal{H}} (|Af|/|f|)$; \mathcal{R}_p ($1 \leq p < \infty$) is the Banach space of all operators $A \in \mathcal{R}_\infty$ for which $(|A|_p)^p = \sum s_n^p(A) = \text{Sp}((A^*A)^{p/2}) < \infty$, where $s_n(A)$ is the sequence of eigennumbers of the operator $(A^*A)^{1/2}$ numbered under consideration of the multiplicities, in a decreasing sequence; \mathcal{R}_ω is the Banach space of the operators $A \in \mathcal{R}_\infty$ for which $|A|_\omega = \sum (2n-1)^{-1} s_n(A) < \infty$.

Let $\hat{\mathcal{R}}_\omega$ be the set of all selfadjoint operators of \mathcal{R}_ω ; $\hat{\mathcal{R}}_\omega$ is a real subspace of \mathcal{R}_ω . In $\hat{\mathcal{R}}_\omega$ the author introduces the norm $|H|_{\omega, X} = |H|_{\omega, \hat{\mathcal{R}}_\omega}$.

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S/020/61/139/003/004/025
C111/C222

A certain class of completely ...

$\ast |H^-|_{\omega}$, where H^+ and H^- are mutually orthogonal non-negative operators the difference of which is H .

According to (Ref. 2 : M.S. Brodskiy, Usp. matem.nauk, 16, v.1 (1961)) every Volterra operator A admits the representation

$$A = 2i \int_{\mathcal{P}} PX dP \tag{1}$$

by its imaginary Hermitean component X and the maximal eigenchain \mathcal{P} . Necessary for the convergence of (1) is the condition

$$(P - Q) X (P - Q) = 0 \tag{2}$$

where (P,Q) is an arbitrary discontinuity of \mathcal{P} . In (Ref. 1) it was proved that this condition is also sufficient for $X \in \mathcal{P}_p$ ($p > 1$).

Theorem 1 : The integral (1) converges for every operator $X \in \mathcal{P}_{\omega}$ and every chain \mathcal{P} satisfying (2). Furthermore it holds

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 S/020/61/139/003/004/025
 C111/C222

A certain class of completely ...

$$\sup |G|_{\infty} = \frac{2}{\pi} \sum_{j=1}^{\infty} \frac{s_j(H^+) + s_j(H^-)}{2j - 1} = \frac{2}{\pi} \|H\|_{\omega, K^*}, \quad (3)$$

where the supremum is taken over all Volterra operators $A = G - iH$ with a fixed imaginary component $H = H^* \in \mathcal{T}_{\omega}$.

The proof is based on the

Lemma 1: Let $H = H^* \in \mathcal{T}_{\omega}$, then

$$\sup \sum_{n=-\infty}^{\infty} (2n - 1)^{-1} (H\varphi_n, \varphi_n) = \|H\|_{\omega, K^*}, \quad (4)$$

where the supremum is taken over all orthogonally normed systems $\{\varphi_j\}_{j=-\infty}^{\infty}$ of \mathcal{H} .

Theorem 2: An operator $A = G + iH$, $H \in \mathcal{T}_{\omega}$, with a real spectrum is an S-operator in the sense of (Ref. 7; Yu. I. Lyubich, V. I. Matsayev, DAN 13, no. 1, 1960).

The proof is based on theorem 3 of (Ref. 7) and on the lemma 2: The resolvent of the operator with a real spectrum $A = G + iH$, where $G = G^*$ (and in general unbounded) and $H = H^* \in \mathcal{T}_{\omega}$, admits the estimation

$$\ln |R_{\lambda}| = \ln |(A - \lambda I)^{-1}| \leq C [1 + |\operatorname{Im} \lambda|^{-2} n (2|\operatorname{Im} \lambda|^{-1})].$$

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S/020/61/139/003/004/025
C111/C222

A certain class of completely

where $n(t)$ is the number of the $1/s_k(H)$ being not greater than t

Theorem 3: The system of eigenvectors and adjoint vectors of the operator $A = H(I + T)$, where $H = H^* \in \mathcal{H}_\infty$ and $T \in \mathcal{H}_\omega$, is complete in its range of values.

The following result is due to I. Ts. Gokhberg and M.G. Kreyn:

Let $\{\varphi_j\}_{-\infty}^{\infty}$ be an orthogonally normed system. Then there exists a continuous chain \mathcal{K} so that the integral (1) diverges (even in the sense of the weak convergence) for every completely selfadjoint operator

$$X = \sum_j \lambda_j (-\varphi_j, \varphi_j) \quad ((2_j - 1) \lambda_j > 0; j = 0, \pm 1, \pm 2, \dots; \sum_{j=-\infty}^{\infty} \frac{\lambda_j}{2^{j-1}} = \infty)$$

Reversely, for every continuous chain \mathcal{K} one can find an orthogonally normed system $\{\varphi_j\}_{-\infty}^{\infty}$ so that the integral (1) diverges for every operator X of the given type.

The author mentions L.A. Sakhnovich, M.V. Keldysh and M.S. Livshits. There are 7 Soviet-bloc and 1 non-Soviet-bloc references.

Card 4/5

A certain class of completely ...

25705
S/020/61/139/003/004/025
C111/C222

The reference to the English-language publication reads as follows :
Fan Ky, Proc. Nat. Acad. Sci., 1, 35 (1949) ; 2, 36 (1950).

ASSOCIATION: Fiziko-tehnicheskii institut nizkikh temperatur Akademii
nauk USSR (Physicotechnical Institute of Low Temperatures
of the Academy of Sciences Ukrainskaya SSR)

PRESENTED: March 16, 1961, by A.N. Kolmogorov, Academician

SUBMITTED: March 16, 1961

Card 5/5

MATSAYEV, V.I.

Volterra operators produced by perturbation of self-adjoint operators. Dokl. AN SSSR 139 no.4:810-813 Ag '61. (MIRA 14:7)

1. Fiziko-tekhnicheskiy institut nizkikh temperatur AN USSR
Predstavleno akademikom A.N. Kolmogorovym.
(Operators (Mathematics)) (Mathematical analysis)

MATSAYEV, V.I.; PALANT, Yu.A.

Powers of a bounded dissipative operator. Ukr. mat. zhur.
14 no.3:329-337 '62. (MIRA 15:9)
(Operators (Mathematics))

LYUBICH, Yu.I.; MATSAYEV, V.I. (Khar'kov)

Operators with separable spectrum. Mat. sbor. 56 no.4:433-468
Ap '62. (MIRA 15:7)

(Calculus of operations)
(Transformations (Mathematics))

MATSAYEV, V.I.

Method for evaluating the resolvents of non-self-adjoint operators.
Dokl. AN SSSR 154 no.5:1034-1037 F'64. (MIRA 17:2)

1. Fiziko-tehnicheskij institut nizkikh temperatur AN UkrSSR.
Predstavleno akademikom L.S. Pontryaginym.

MATSAYEV, V. I.

Some theorems on the completeness of root subspaces of perfectly continuous operators. Dokl. AN SSSR 155 no. 2:273-276 Mr '64.
(MIRA 17:5)

1. Fiziko-tehnicheskij institut nizkikh temperatur AN UkrSSR.
Predstavleno akademikom I. G. Petrovskim.

MATSCH, J. 1948

(11 Med. Clin. U. of Budapest)

"The Role of the Pituitary-Hypothalamic System in the Pathogenesis of Erythraemia."

Orvosi Hetilap 1948, 89/32(497-499)

Abst: Exc. Med. 111, Vol. 111, No. 3, p. 116

HAYNAL, I.; GRAP, F.; MATSCH, J.; CSILEY, M.; EGEDI, S.

Role of the hypophyseal-hypothalamic system in the pathogenesis of erythremia and symptomatic polycythemia. Orv.hetil. 91 no.34:1025-1034 20 Aug 50. (CIML 20:5)

1. Of the Second Clinic for Internal Diseases (Director--Professor Dr. Imre Haynal), Budapest University.

Matsch, J.

HAYNAL, I.; GRAF, F.; MATSCH, J.

Treatment of polycythemia by decrease of function of the hypophysishypothalamus system with p-hydroxypropiofenone. Orv. hetil. 94 no. 1:1-9 4 Jan 1953. (CML 24:1)

1. Doctors. 2. Second Internal Clinic, Budapest Medical University (Director of Clinic -- Prof. Dr. Imre Haynal).

Country : HUNGARY
Category= : Human and Animal Physiology. T
Inner Secretion. General Problems.
Abs. Jour. : Ref Zhur-Biol., No 23, 1956, 106602
Author : Mosonyi, Laszlo; Matsch, Jenó
Institut. : Hungarian Academy of BIOLOGY.
Title : Clinical Observation of the Role Played by
Thyrotropin and Thyroxin in the Metabolism
of Water.
Orig. Pub. : Magyar tud. akad. Biol. es orv. tud. oszt.
kozl., 1956, 7, No 1-3, 133-142
Abstract : The role played by the thyrotropic hormone as
regards water metabolism (WM) was investigated
in patients with a dysfunction of the hypophy-
sis and thyroid gland systems. With treatment,
substantial changes of WM were observed.
These changes are related to the changed
functions and of also other inner secretion
glands. In hypotyreosis, retention of water in
the organism becomes intensified. When this
condition is treated with thyroxin, however,

Serial: 1/2

Serial: 2/2

ZULIK, Robert, dr.; MATSCH, Jeno, dr.

Circumscribed myxedema. Orv. hetil. 97 no. 11:301-303
11 March 56.

1. A Budapesti Orvostudományi Egyetem II. sz. Belgyógyászati
Klinikájának (igazgató: Haynal, Imre dr. egyet. tanár)
közleménye.

(MYXEDEMA

circumscribed. (Hun))

GRAF, Ferenc, dr.; MATSCH, Jenő, dr.; KAMMERER, László, dr.

Effect of the stimulation of the hypophysis-hypothalamus system on the development of altitude polyglubulia. Orv. hetil. 101 no.10:332-334 Nr '60.

1. Budapesti Orvostudományi Egyetem, II. sz. Belklinika.
(ANOXIA exper)
(PITUITARY GLAND POSTERIOR physiol)
(HYPOTHALAMUS physiol)
(ERYTHROCYTE COUNT)

MATSCHIN, K.

"Measuring mechanical values by carrier current instruments. (To be contd.)"

p. 2 (Zemedske Stroje, Vol. 3, no. 1, Jan. 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (KEAI) LC, Vol. 7, no. 9,
September 1958

MATSCHIN, K.

"Measuring mechanical values by carrier current instruments. II.
(To be contd.)"

p. 31 (Zemelske Stroje, Vol. 3, no. 2, Feb. 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) IC, Vol. 7, no. 9,
September 1958

MATSCHIN, K.

"Measuring mechanical values by carrier current instruments. III."

p. 49 (Zemelske Stroje, Vol. 3, no. 3, May 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958

MATSHIN, K.

AGRICULTURE

PERIODICALS SBORNIK, KADA ME CHASTICE I ELEKTRIFIKACE NEME MISTV
VOL. 31, no. 3/4, Aug. 1959

Matschin, K. A 0.5 atm. gauge for measuring pressure in milking machine.
p. 175.

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

MATSEGORA, N. V.

Fish Culture

An organization for accomplishing ameliorative objectives in fish culture. Rpt. No. 2.
28 no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLAS. IPTEL.

IVANOV, B.L.; MATSEGORA, N.P.

Identifying Anopheles larvae by species in waters in areas near dwellings treated with DDT. Med.paraz. i paraz.bol. 25 no.2: 154-155 Ap-Je '56. (MLBA 9:8)

1. Iz parazitologicheskogo otdela Alma-Atinskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.

(MOSQUITOES

Anopheles control, DDT spray of dwellings, eff. on number of larvae in reservoirs)

(DDT, eff.

on Anopheles larvae number in reservoirs after spraying of dwellings)

MATSEGORA, K.P. insh.

Make more extensive use of gas. Put' i put. khoz. no.6:21
Je '59. (MIRA 12:10)
(Gas--Heating and cooking)

MATSEGORA, N.P., insh.

Furnace made of precast blocks. Fut'i put.khoz. no.7:33 J1
'59. (MIRA 12:10)

(Furnaces)

MATSEGOBA, N.F.

Izdida 1 kze in the Alma-Ata form. 1978-1980 encephal. 1978
Med. parazit. i parazit. bol. 31 nov. 1978-1980 4-5 1982.

(KIP)

1. Iz Alma-Atinskoy oblastiyy ser. karno-epidemiologicheskoy
stantsii glavnyy vrach Ye.F. Meyerson.

S/182/62/000/010/004/004
DC40/E113

AUTHORS: Matsegora, N.T., and Kazantsev, G.I.

TITLE: Large bottoms stamped in a floating-punch die

PERIODICAL: Kuznechno-shtampovoye proizvodstvo, no. 10, 1962, 44

TEXT: The described die set designed by the authors permits stamping spherical steel ladle bottoms from single solid steel blanks (5300 mm in diam and 42 mm thick) in a single stroke of a 15,000 ton hydraulic press. Using this set, the sticking of ready stampings to the punch, as used to happen in stamping bottoms from billets welded together from 6 stamped edge sections and a spherical center portion, is eliminated. The new die set has an upward-moving bottom half, and the punch consists of a 200 mm high cylindrical portion with a floating ring. The bottom die half moves up and forms in sequence the spherical portion, the radius and then the cylindrical edge of the bottom. On moving upwards, the bottom die half presses against the floating ring and carries the latter upwards with it. At this moment, the ready stamping drops on the bottom plate of the press. The die set is illustrated and the stamping process described in detail. There are 3 figures.

Card 1/1

MATSEK

CZECHOSLOVAKIA/Analytical Chemistry. General Problems.

E

Abs Jour: Ref. Zhur.-Khimiya, No 12, 1958, 39309.

Author : Matsek, Gatsaperkova.

Inst : Not given.

Title : A Comparison of Some of the New Chromatographic Papers.

Orig Pub: Chem. listy, 1957, 51, No 5, 895-898.

Abstract: A comparative study was made concerning the weight, thickness, absorptive property and holding capacity of 26 chromatographic papers: Whatman, Schleicher-Shuell, Munktell, Niederahlag WF and two experimental Czechoslovak papers. Their usefulness was compared by the aid of aminoacids, sugars, steroids and alkaloids. As a standard chromatographic paper, Whatman No. 1 or Shleicher-Shuell 2043 M1 can be recom-

Card : 1/2

6

HAIŠ, Ivo, red.; MATSEK, K., red.; VOL'FSON, B.M. [translator];
ZAPROMETOV, M.N., red.

[Chromatography on paper] Khromatografii na bumage.
Pod red. M.N.Zaprometova. Moskva, Izd-vo inostr. lit-ry,
1962. 851 p. (MIRA 16:8)
(Paper chromatography)

MATSELINSKIY, R. N. Cand. Tech. Sci.

Dissertation: "Theory of the Static Calculation of Flexible Suspended Structures."
Moscow Order of the Labor Red Banner Construction Engineering Institute imeni V.V. Kuznetsov,
10 Nov 47.

SO: Vechernyaya Moskva, Nov, 1947 (Project #17536)

MATSELSKIY, R. N.

Static computation of flexible suspended structures. Pod red. i s predisl.
N. S. Streletskogo. Moskva, Gos. izd-vo stroit. lit-ry, 1950. 190 p.
(50-39030)

TG260.M34

MAKARICHEV, V.V., kandidat tekhnicheskikh nauk; MATSLINSKIY, R.N., kandidat tekhnicheskikh nauk.

Manufacture of large panel ribbed slabs for roofs of industrial buildings.
Biml.stroi.tekh. 10 no.13:3-6 Ag '53. (MIRA 6:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut promyshlennykh sooruzheniy.
(Reinforced concrete construction) (Roofs)

MATSELSKIY, K. N.

NIKITIN, N.V., inzhener; PETROVA, T.G., arkhitekto; SHISHKIN, R.G.,
inzhener; MAKARYCHEV, V.V., kandidat tekhnicheskikh nauk;
MATSELSKIY, R.N., kandidat tekhnicheskikh nauk

Reinforced concrete ribbed panels for beamless floors of indus-
trial buildings developed by the State Planning Institute of
Industrial Construction and the Central Scientific Research
Institute of Industrial Construction. Rats. i izobr. predl.
v stroi. no.81:8-10 '54. (MIRA 8:6)

1. Promstroyproyekt (for Nikitin, Petrova, Shishkin) 2.
TSentral'nyy nauchno-issledovatel'skiy institut promyshlenn-
nykh sooruzhenii (for Makarychev, Matselinskiy).
Building (Floors, Concrete)

NYAGKOV, K.E., inzhener; MOSKVIN, G.V., inzhener; BRUKOV, A.P., inzhener;
POCHTAREV, F.K., inzhener; PESHKOV, M.P., inzhener; KRYSHDEVICH, V.A.,
inzhener; MAKARYCHEV, V.V., kandidat tekhnicheskikh nauk; KUDRYASHOV,
P.T., kandidat tekhnicheskikh nauk; KRIVITSKIY, M.Ya., kandidat
tekhnicheskikh nauk; MATSELIINSKIY, R.N., kandidat tekhnicheskikh
nauk TESLER, P.A., kandidat tekhnicheskikh nauk

Large reinforced foam concrete panels for heated beamless floors
of industrial buildings developed by the Central Scientific Re-
search Institute of Construction and the Northern Urals Heavy
Construction Trust. Rats. i izobr. predl. v stroi. no.81:18-19
'54. (MIRA 8:6)

1. Glavuralpromstroy (for Nyagkov, Moskvina, Brukov) 2. Sevural-
tyazhtroy (for Pochtarev, Peshkov, Kryshdevich) 3. Tsentral'nyy
nauchno-issledovatel'skiy institut promyshlennykh sooruzheniy
(for Makarychev, Kudryashov, Krivitskiy, Matselinskiy, Tesler)
(Floors, Concrete)

MATSELIISKIY, R.N., kand. tekhn. nauk; TURKATENKO, O.D., inzh; NIZHNIICHENKO,
I.M., inzh.

Making large precast reinforced concrete slabs in construction
yards. *Byul. stroi. tekhn.* 12 no. 4:1-4 Ap '55. (MIRA 11:12)

1. *Sentral'nyy nauchno-issledovatel'skiy institut promyshlennykh
sooruzheniy.*

(Concrete slabs)

HUNGARY / Chemical Technology. Food Industry. H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75537.

Author : Matselka, D'erbiro.

Inst : Not given.

Title : Problems Concerning the Quality of Christmas
Tree Candies and Methods for Their Determina-
tion.

Orig Pub: Elem. spar, 1956, 10, No 3, 75-82.

Abstract: No abstract.

Card 1/1

65

MAKARICHEV, V.V. , kand.tekhn.nauk; MATSELSKIY, R.N., kand.tekhn.
nauk; GORYACHEVA, T.V., red.izd-va; RUDAKOVA, N.I., tekhn.red.

[Large-panel reinforced concrete members of industrial buildings;
results of design developments and experimental studies]
Krupnopanel'nye zhelezobetennye konstruksii proizvodstvennykh
zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit, i stroit.
materialam, 1959. 101 p. (Akademiia stroitel'stva i arkhitektury
SSSR, Institut betona i zhelezobetona. Perovo. Nauchnoe soobshche-
nie, no.6) (MIRA 12:9)

(Precast concrete construction)
(Factories--Design and construction)

MATSELSKIY, R.F. (Moskva)

Static analysis of elastic wires. Stroi. mekh. i rasch. scor.
1 no.4:3-9 '59. (MIRA 12:10)
(Elastic rods and wires)

MATSELESKIY, B.N., kand.tekhn.nauk; KATIN, N.I., kand.tekhn.nauk;
STAL'CHIKOV, A.N., inzh.

Long-span reinforced concrete ribbed arch. Prom.stroi. 40 no.11:
34-36 '62. (MIRA 15:12)
(Arches) (Roofing, Concrete)

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 67

TOPIC TAGS: structural element, construction method, reinforced concrete

ABSTRACT: This Author's Certificate introduces a structural element for the upper lattice boom of a reinforced concrete arch with a cross beam. The carrying capacity of the arch is increased by making the structural element in the form of a unit which has a polygonal cross section. At the vertices of the polygon are rods parallel with the longitudinal axis of the unit which are circular in cross section and are connected by diaphragms.

ASSOCIATION: none

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Card 2/3

MATSELINSKIY, R.N., kand. tekhn. nauk

selecting suitable prefabricated three-dimensional elements for roofs
of one-story industrial buildings. Prom. stroi. 42 no.8:25-28 '65.
(MIRA 18:9)

MATSELKO, V.N.; KHRIPTA, I.I.; KOSTYUK, O.I.; YAROSH, B.I.

Medynichi, a new gas field. Neft. i gaz. prom. no.2:13-16
Ap-Je '63. (MIRA 17:11)

1. Trest "L'vovneftegazrazvedka" (for Matselko, Khripta,
Kostyuk). 2. Institut geologii goryuchikh iskopayemykh
AN UkrSSR (for Yarosh).

MATSSELYUKH, B.P.

Adaptation of the enteric bacteriophage to encapsulated bacteria.
Zhur.mikrobiol.epid. i immun. no.1:107-109 Ja '58. (MIRA 11:4)

1. Iz L'vovskogo meditsinskogo instituta.

(KLEBSIELLA,

rhinoscleromatis, adaptation of enteric bacteriophage (Rus)

(BACTERIOPHAGE,

enteric, adaptation to Klebsiella rhinoscleromatis (Rus)

MATSELYUKH, B.P.

Treatment of tetanus. Vrach. delo no. 3:125-127 Mr '61.

(MIRA 14:4)

1. Infektsionnoye otdeleniye Bereznegovatskoy mezhrayonnoy
bol'nitsy Nikolayevskoy oblasti.
(TETANUS)

MATSELYUKH, B.P.; RIPETSKIY, R.T. [Ripets'kyi, R.T.]

Method of determining riboflavin (vitamin B₂). Mikrobiol. zhur.
25 no.2:58-61 '63. (I.A 17:10)

1. Institut mikrobiologii AN UkrSSR.

MATSELYUKH, B.P.

Transmission of certain biochemical properties in actino-
mycetes by means of DNA under conditions of intraspecific
transformation. Mikrobiol. zhur. 25 no.3:23-28 '63.
(MIRA 17:1)

1. Institut mikrobiologii AN UkrSSR.

MATSELYUKH, B.P.

Transmission of some biochemical properties in actinomycetes
by means of DNA under the conditions of interspecific trans-
formation. Mikrobiol. zhur. 25 no.4:3-7'63. (MIRA 16:9)

1. Institut mikrobiologii AN UkrSSR.
(ACTINOMYCES) (NUCLEIC ACIDS)

MATSELYUKH, B.P.

Transformation of spore formation and capacity to synthesize streptomycin in *Actinomyces streptomycini* No.100 mutant with the help of DNA. *Dop. An Uzh. n.12:1636-1639* 1963.

USSR 1963

1. Institut mikrobiologii Ak. Ukr. n. (Pr. Stavlan) Akademike A. UkrSSR V.S. Drobet'ko [Drobet'ko, V.S.].

MATSELYURII, B.P.

Transformation of the capacity to synthesize oxytetracycline and cultural and morphological changes in the mutant *Act. rimosus* No. 118-12 caused by DNA. Dop. AN URSSR no.1: 21-24 '64. (MIRA 17:4)

1. Institut mikrobiologii AN UkrSSR. Predstavleno akademikom AN Ukr SSR V.G.Drobot'ko [Drobot'ko, V.H.].

MATSELYUKH, B.P.

Transformation of the antibiotic production and streptomycin
resistance of actinomycetes by means of DNA. Mikrobiol.
zhur. 26 no.1:8-15 '64. (MIRA 18:11)

1. Institut mikrobiologii AN UkrSSR.

MATSELYUKH, B.P.

Antigenic structure of nucleoproteins from actinomycetes and
its change during the process of transformation. Mikrobiol.
zhur. 26 no.2:16-21 '64. (MIRA 18:8)

1. Institut mikrobiologii AN UkrSSR.

MATSELYUKH, B.P.

Transformation of the antibiotic formation in actinomycetes with
the help of DNA. Dokl. AN SSSR 154 no. 3:710-713 Ja '64.
(MIRA 17:5)

1. Institut mikrobiologii AN UkrSSSR. Predstavleno akademikom
A.A. Imshenitskim.

MATSELYUKH, B.P.; SHEVCHENKO, A.A.; PAVLENKO, N.I.

Comparative physicochemical characteristics of high polymer
deoxyribonucleic acids in actinomycetes and *Bacillus bresliensis*.
Mikrobiologiya 34 no.4:590-597 J1-Ag '65.

(MIRA 18:10)

1. Institut mikrobiologii i virusologii imeni D.K.Zabolotnogo
AN UkrSSR, Kiyev.

MATSENKO, A Ye.

Name: MATSENKO, A. Ye.

Dissertation: Firs of the Eastern Hemisphere

Degree: Cand Biol Sci

~~Defended at:~~
~~Affiliation:~~

Acad Sci USSR, Botanical Inst imeni V. L. Komarov

~~Publication~~

~~Defense~~ Date, Place: 1956, Leningrad

Source: Knizhnay Letopis', No 2, 1957

MATSENKO, A.Ye. (Leningrad).

Specific independence of the Tien Shan fir. Bot.shur.41 no.10:1504-
1509 0 '56. (MLRA 10:1)
(Chatkal Range--Fir)

MATSENKO, A. Ye.

USSR/Forestry - Dendrology.

K-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10578
Author : Matsenko, A. Ye.
Inst : Botanical Institute, Academy of Sciences USSR
Title : A Key for Determining the Old World Firs.
Orig Pub : Botan. materialy Gerbariya Botan. in-ta Akad Nauk SSSR,
1957, 18, 311-315.
Abstract : No abstract.

Card 1/1

MATSENKO, A.Y.

Review of the genus *Abies* Mill. Bot. mat. Corb. 22:33-42 '63.

(MIRA 17:2)

MATSENKO

VASIL'YEVA, Lidiya Ivanovna; MATHSENKO, Aleksandra Yefimovna;
VASIL'CHENKO, I.T., doktor biol. nauk, prof., red.;

[Key for the identification of weeds of the Virgin Territory] Opredelitel' sornykh rastenii tselinnogo kraia. Moskva, Izd-vo "Nauka," 1964. 128 p. (MIRA 17:8)

MATSENKO, A.Ye.

Firs of the eastern hemisphere. Trudy Bot. inst. Ser. 1 no.13.
3-103 '64. (MIRA 1728)

VARDANYANTS, L.A.; DUBINSKIY, A.Ya.; MATSENKO, N.A.

Pre-Cambrian crystalline rocks in the southern part of the Stavropol Plateau and the problem of the multistage structure of Ciscaucasia. Dokl. AN SSSR 153 no.4:892-894 D '63.

(MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut. Predstavleno akademikom D.V. Nalivkinym.

DUBINSKIY, A.Ya.; MATSENKO, N.A.; MOSKALEVA, V.N.

Buried Late-Paleozoic skarn zone in the basement of central Transcaucasia.
Dokl. AN SSSR 163 no.3:698-701 J1 '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut. Submitted April 21, 1965.

DUBINSKIY, A.Ya.; MATSENKO, N.A.

Volcanic sedimentary formation in the bottom of the sedimentary cover in the eastern part of the Scythian platform. Sov. geol. 8 no.8:151-157 Ag '65. (MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.

МАТЕНКО, П.А.

MATSENKO, P.A.

Intestinal obstruction according to data from the Irkutsk Province
Clinical Hospital for 30 years. Khirurgiia 33 no.11:80-81 W '57.
(INTESTINAL OBSTRUCTION, surg. (MIRA 11:2)
statist. (Rus))