

KUKOLEV, G.V.; NEMETS, I.I.

Increasing the thermal stability of grog refractories by the introduction of a burning-out organic fluid and mineral additives. Ogneupory 29 no. 5:214-221 '64. (MIRA 17:7)

1. Khar'kovskiy politekhnicheskii institut imeni Lenina.

KULIK, A. I.; KUKOLEV, G.V.; NEMETS, I.I.

Manufacture and testing in service of highly heat-resistant steel-pouring stoppers. Ogneupory 29 no.9:388-391 '64. (MIRA 17:10)

1. Chasov-Yarskiy kombinat ognepornyykh izdeliy (for Kulik). 2. Khar'kovskiy politekhnicheskii institut im. V.I. Lenina (for Kukolev, Nemets.).

KOKOLEV, G.V.; PALAGUTA, E.N.

Use of surface active additives for compacting aluminosilicate  
refractories during pressing. Ogneupory 30 no.3.10-14 '65.

(MIRA 18:5)

L. Khar'kovskiy politekhnicheskii institut im. V.I.Lenina.

TOROPCV, N.A.; AVGUSTINIK, A.I.; KUKOLEV, G.V.; MCHEDLOV--PETROSIAN, O.P.

Petr Petrovich Budnikov, 1885-. Zhur. prikl.khim. 38 no.10:  
2153-2156 0 '65. (MIRA 18:13)

KUKOLEV, G.V.; LIVSON, Z.A.; KOZLOVA, Ye.I.; LISOVAYA, Ye.D.; SHOLOMOVA, E.M.

Making use of the waste clay extracted from the refractory clay  
of the Chasov Yar deposit. Stroi. mat., det. 1 izd. no. 2:4-12:  
'65 (MIRA 19:1)

1. Khar'kovskiy politekhnicheskij Institut imeni V.I. Lenina.

RUBINOV, G.V., PALACUTA, Z.N.

Investigating the processes of molding kaolin and high-alumina  
press powders in the presence of a surface-active substance.  
Ogneupory 30 no.12:37-41 '65.

(MIRA 18:12)

1. Khar'kovskiy politekhnicheskii institut im. V.I.Lenina.

KUKOLEV, G.W.; KUZNICHENKO, A.K.

Raising the turnover of refractory supply in the manufacture  
of insulators. Izv. vya. ucheb. zav.; khim. i khim. tekhn. 8  
no.3:522-524 '65. (MIRA 18:10)

1. Khar'kovskiy politekhnicheskii institut imeni Lenina,  
kafedra keramiki i ogneporocov.

KUKOLEV, G.V.; NEMETS, I.I.

Theory of the thermal shock in dissimilar refractory materials.  
Ogneupory 30 no.8:23-30 '65. (MLRA 18:8)

1. Khar'kovskiy politekhnicheskii institut im. V.I.Lenina.



BUDNIKOV, Petr Petrovich, zasl. deyatel' nauki i tekhniki RSFSR  
i Ukrainskoy SSR, prof., doktor tekhn. nauk; MATVEYEV, M.A.  
prof. otv. red.; BULAVIN, I.A., prof., red.; BUTT, Yu.M.,  
prof., red.; KESHISHYAN, T.N., prof., red.; KUKOLEV, G.V.,  
prof., red.; ROYAK, S.M., prof., red.

[Chemistry and technology of building materials and ceramics]  
Khimia i tekhnologiya stroitel'nykh materialov i keramiki.  
Moskva, Stroiizdat, 1965. 607 p. (MIRA 18:12)

KUKOLEV, I.I., dotsent

Autotransplantation of splenic tissue as a method for increasing the body's antiblastic properties in cancer. Trudy Kuib.med.inst. 11:215-221 '60. (MIRA 15:8)

1. Iz kafedry gistologii i embriologii Kuybyshevskogo gosudarstvennogo meditsinskogo instituta (zav. kafedroy dotsent I.I.Kukolev). (CANCER) (SPLEEN--TRANSPLANTATION)

KRZHYZHANOVSKAYA, I.A.; GOL'DSHMIDT, E.M.; KRILIN, V.N.; KUKOLEV, L.G.;  
RYVKIND, N.D.; SEOKOTOVA, B.G.

Properties of the dust of rotary kilns and ways of using it.  
Trudy Iuzhgiprotsementa no.4:40-54 '63.

(MIRA 17:11)



KUKOLEV, N.I., kandidat sel'skokhozyaystvennykh nauk,

Agricultural science in the struggle to increase the production of oilseed plants. Masl.-shir.prom. 18 no.10:5-6 '53. (MLRA 6:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut maslichnykh kul'tur. (Oilseed plants)

AUTHOR : N  
 SUBJECT : Weeds and Weed Control.  
 ABS. JOUR : *Bot. Zhurn - Biologiya*, No. 5, 1959, No. 20587  
 AUTHOR : Kukolev, N.I.; Kaydash, A.S.  
 INST. : ~~\_\_\_\_\_~~  
 TITLE : Methods of Controlling Sunflower Weeds in Kuban'  
 ORIG. PUBL: *Vestn. s.-kh. nauki*, 1958, No. 5, 137-140

ABSTRACT : An effective means of destroying malicious weed contamination of the sunflower by Canada thistle has been deep plowing, although this alone does not guarantee the complete elimination of the thistle. The best result is gotten from triple stubble plowing, followed by plowing in to a depth of 32-35 cm. At Kuban' additional surface plowing with plowshare implements can be employed under any conditions in fall with opportune first working over the

CARD: 1/2

ABS. JOUR : *Bot. Zhurn - Biologiya*, No. 5, 1959, No. 20587

AUTHOR :  
 INST. :  
 TITLE :

ORIG. PUBL:

ABSTRACT : stubble with a disk plow harrow. Additional surface plowing is also of considerable value in destroying annual weeds. Additional surface plowing with plowshare implements in combination with deep plowing makes it possible to boost the yields of sunflower and winter wheat seeds. The average increase per ha. was 2-2.5 centners of sunflower seeds and 1.8 - 2.1 of winter wheat. The greatest yield boost was gotten from semifallow. --L.D. Stonov

CARD: 2/2

KUKOLEV, P.A.

Propagation of essential-oil roses by the method of complete vegetative regeneration. Masl.-zhir. prom. 29 no.10:23-26 0 '63. (MIRA 16:12)

1. Krymskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta maslichnykh i efiromaslichnykh kul'tur.

KUKOLEV, P. A.

Roses

Biological characteristics of roses grown from root cuttings. Agrobiologia, No. 4, 1952.

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



CHELYADINOVA, A.I.; KUKOLEV, P.A.

Biological basis for the propagation of damask roses using  
hardwood cuttings. Agrobiologiya no. 9:431-437 May-June '65.  
(MIRA 18:11)

I. Moskovskiy gosudarstvennyy universitet imeni M.V.  
Lomonosova, biologo-pochvesnyy fakul'tet, i Krymskiy  
filial Vsesoyuznogo nauchno-issledovatel'skogo instituta  
maslichnykh i efirnykh kul'tur.

TERESHCHENKO, I.P.; MOSKVIN, O.I.; DARAGAN, M.V.[Darahan, M.V.];  
ANISIMOV, V.P.; YARMOLINSKIY, M.R.[IArnolyns'kyi, M.R.];  
BULGAKOV, P.S.[Bulhakov, P.S.]; KUTS, V.K.; KASHPIR, A.V.;  
VASILENKO, G.K.[Vasylenko, H.K.]; KUKOLEV, V.D.[Kukoliev,  
V.D.]; SIGOV, S.G.[Sihov, S.H., deceased]; NAGIRNYAK, P.A.  
[Nahirniak, P.A.]; VETCHINOV, I.A.[Vistchynov, I.A.];  
ZADOROZHNYI, V.K.; DROSOVSKAYA, L.I.[Drosovs'ka, L.I.];  
SHKITINA, M.I.; PROSHCHAKOV, O.M.; MOKIYENKO, B.F.  
[Mokiienko, B.F.]; GOLOVACH, A.V.[Holovach, A.V.];  
IVANITSKIY, I.V.[Ivanyts'kyi, I.V.]; KOZAK, V.Ye.;  
BORYAKIN, V.M., red.izd-va; NESTERENKO, O.O., glav. red.;  
DAKHNO, Yu.B., tekhn. red.

[National income of the Ukrainian S.S.R. during the period  
of the large-scale building of communism] Natsional'nyi  
dokhod Ukrain's'koi RSR v period rozhornutoho budivnytstva  
kommunizmu. Red.kol.: O.O.Nesterenko ta inshi. Kyiv, Vyd-  
vo AN URSR, 1963. 333 p. (MIRA 16:12)

1. Akademiya nauk URSR, Kiev. Instytut ekonomiky.  
(Ukraine--Income)

KUKOLEV, V. G.

Chemical Abst.  
Vol. 48 No. 9  
May 10, 1954  
General and Physical Chemistry

*chem*

~~✓~~ Dmitrii Stepanovich Belyankin, J. P. Budnikoy, A. S. Bereznoi, O. K. Boivinskiy, B. S. Davydov, Kh. O. Gevorkyan, K. I. Goryainov, V. P. Kurnikov, I. P. Kitalgorodskii, V. G. Kukolev, V. V. Lapin, A. A. Litvakovskiy, V. M. Moskvin, S. B. Pashov, O. P. Melchikov-Petrovich, R. L. Pevnet, B. O. Skramtaev, V. N. Yung, and A. T. Yuzkevich. *Zhur. Priklad. Khim.*, 27, 1-4 (1954).—Obituary with portrait and summary of scientific work in phys. chemistry and the silicates. G. M. Kosolapov

*9-2-57*  
*eff*

BEREZANSKAYA, Ye.S.; GUREVICH, G.B.; DITSMAN, A.P. (Moskva); BUDANTSEV,  
P.A. (Orenburg); KUKOLEV, V.G. (Perm'); LYAPIN, S.Ye. (Leningrad);  
PRINTSEV, N.A. (Kursk)

Discussion of the new mathematics curricula. Mat. v shkole  
no.2:5-20 Mr-Apr '59. (MIRA 12:6)  
(Mathematics--Study and teaching)

FARFEL', Ya.V.; KUKOLEV, V.L., starshiy inzh.

Precast reinforced concrete at the Moscow Exhibition of New  
Building Technology. Bet. i zhel.-bet. no.1:43-47 Ja '62.  
(MIRA 15:4)

1. Nachal'nik Tsentral'nogo byuro tekhnicheskoy informatsii  
Glavmospromstroymaterialov (for Farfel').  
(Moscow--Exhibitions) (Building--Exhibitions)

KUKOLEV, V.V.

Developing heating processes in hardening tool carbon steel with  
high-frequency current. [Isdaniia] LONITOMASH no. 30:320-336 '52.  
(MIRA 3:1)

(Tool steel--Hardening)

KUKOLEV, V. V.

345 Vybor Fezhima Vysokochastotnogo Nagreva Pod Zakalku Instrumenta Iz Instrumental'nykh Staley Razlichnykh Marok. Pod-red. A. P. Gulyayeva. M., TSBTI, 1954. 40s. 3 ill; 21 sm. (M-vo Stankostroit. I Instrum. Prom-sti SSSR. Vsesoyuz. Nauch.-Ivt. Rasrabotri Ukazan "a Obratn. Iti. 6.--(54-54390) P  
621.735.545

SO: Knizhnaya, Letopis, Vol. 1, 1955

MALININA, K.A.; SMOL'NIKOV, Ye.A.; SUYETOV, A.P.; BADAYEVA, A.M.; LUNEVA, Z.S.; KUKOLEV, V.V.; SOKOLOVSKAYA, V.V.; LEBEJEVA, Ye.M.; UVAROVA, A.F., tekhn.red.

[Technological operations in the manufacture of metal-cutting tools; instructions] Tekhnologiya izgotovleniya metallorezhu-shchikh instrumentov; rukovodiashchie materialy. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry. No.7. [Heat treatment] Termicheskaya obrabotka. 1960. 127 p.

(MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy instrumental'nyy institut.
2. Termicheskaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo instrumental'nogo instituta (for all, except Uvarova).  
(Metal-cutting tools) (Metals--Heat treatment)



~~AKHILEV~~, Ya. V.

Treatment of inflammatory processes of the internal genital organs by the method of intra-cutaneous stimulation. Akush. gin. no.3:3-5 May-June 1951. (GIML 21:1)

1. Professor. 2. (Of the Department of Obstetrics and Gynecology (Head -- Prof. Ya. V. Kukolev), L'vov Medical Institute.

RUKOLEV, Yakov Vasil'yevich, prof.; SYRKIN, M.M., red.; POTOTSKAYA,  
L.A., tekhn. red.

[Genitourinary fistulae] Genital'nye svishchi. Kiev, Gos.  
med. izd-vo USSR, 1961. 144 p. (MIRA 15:2)  
(GENERATIVE ORGANS, FEMALE--DISEASES)

*Kukolev, Ye. N.*

AID P - 5600

Subject : USSR/Engineering

Card 1/1 Pub. 107-a - 12/12

Author : Kukolev, Ye. N., Chief Welding Eng. of the "Ural Blast Furnace and Open Hearth Repair Trust" ("Uralsdommarent")

Title : Clamping device for cable of welding apparatus

Periodical : Svar. proizv., 11, 33, N 1956

Abstract : The author describes a device for clamping cable to the welding apparatus, designed by K. S. Chazov, (an electrician of the Serov Construction Section of the Trust) and claimed to be more efficient than any presently used elsewhere. One drawing.

Institution : As above

Submitted : No date

1. KUKOLEVA, A.I., ZUBRILIN, A.A. PROF., EVEEV, P.YE., DROZDENKO, N.P.
2. USSR (600)
4. Ruminantion
7. Physiological role of the rumen in the process of digesting the cellulose in coarse feed. Sov.zootekh. 7, no. 12, 1952

91 Monthly List of Russian Accession, Library of Congress, February 1953. Unclassified

KUKOLEVA, A. I.

ZAKHAROVA, F.V., kandidat biologicheskikh nauk; KUKOLEVA, A.I. [deceased]

New data on the importance of colostrum in raising calves. Trudy  
VNIIEK 3:243-245 '56. (MIRA 10:4)  
(Calves--Feeding and feeding stuffs) (Colostrum)

KUKOLEVA, A.I.

Cytochemical changes in the leucocytes in the blood of  
schizophrenics. Trudy Gos.nauch.-issl.inst.psikh. 27:248-254  
'61. (MIRA 15:10)

1. Kuybyshevskiy melitsinskiy institut. Dir. - kand.med.nauk  
D.A.Voronov. Kafedra psikhiatrii. Nauchnyy rukovoditel' -  
prof. L.L.Rokhlin. Kafedra gistologii. Zaveduyushchiy - dotsent  
I.I.Kukolev.  
(SCHIZOPHRENIA) (LEUCOCYTES) (INSULIN SHOCK THERAPY)

KUKOLEVA, G. V.; OVCHARENKO, F. D.; ANTIPOV-KARATAYEV, I. N.; VOLAROVICH, M. P.;  
SHISHNIASHVILI, M. Ye.; BERESTNEVA, Z. Ya.; DENISOV, N. Ya.; SERB-SERBINA, N. N.;  
KORZHUYEV, A. S.; NICHIPORENKO, S. P.;

"Structure formation in the colloidal chemistry of clays and peat."

report presented at the Fourth All-Union Conference on Colloidal Chemistry,  
Tbilisi, Georgian SSR, 12-16 May 1958 (Koll zhur, 20, 5, p.677-9, '58, Teubman, A.B)

KUKOLEVA, Ir. I. (Kuybyshev (obl.), ul. Chkalova, 60, kv.2)

New modification of azur-eosin staining of the blood in association with the microchemical reaction to peroxidase. Arkh.anat.gist.i embr. 37 no.10:91-93 0 '59. (MIRA 13:4)

1. Kafedra gistologii i embriologii (zaveduyushchiy - dotsent I.I. Kukolev) Kuybyshevskogo meditsinskogo instituta.  
(LEUKOCYTES anat. & histol.)  
(STAINS AND STAINING)  
(OXIDASES)



KUKOLEVA, I.M. [Zlatoust, Chelyabinskaya oblast, ul. Skvortsova, 9, kv.10)

Primary plastic surgery in the treatment of skin cancer.  
Vop. onk. 9 no.9:85-88 '63. (MIRA 17:9)

1. Iz khirurgicheskogo otdeleniya (zav.- khirurgicheskim  
otdeleniyem - M.I. Kukoleva, glavnyy vrach - R.D. Mirkovskaya).

ACCESSION NR: AP4039020

S/0072/64/000/005/0035/0037

AUTHORS: Sankova, L.I.; Kukolava, L.A.; Gorobinskaya, V.D.

TITLE: Rapid analysis of sodium carbonate batch containing a datolite concentrate

SOURCE: Steklo i keramika, no. 5, 1964, 35-37

TOPIC TAGS: industrial analysis, sodium carbonate, barium oxide, calcium carbonate, magnesium carbonate, datolite concentrate

ABSTRACT: Tests have shown that a datolite concentrate is well soluble in hot HCl. Ions of boric acid, calcium and magnesium are completely soluble, while silicic acid is partially soluble (50%). These, however, do not interfere with the determination of boron, calcium and magnesium. Consequently, the factory laboratory developed a method of chemical analysis of the charge containing sand, dolomite, pegmatite, sulfate, sodium carbonate and datolite concentrate for its content of  $\text{Na}_2\text{CO}_3$ ,  $\text{B}_2\text{O}_3$ ,  $\text{CaCO}_3$  and  $\text{MgCO}_3$ . The duration of analysis according to this method is 2 - 2.5 hours. The sample of the batch is quartered, dried to constant weight and ground in a porcelain mortar. Two gram samples are titrated with 0.5 N HCl to determine

Card 1/2

ACCESSION NR: AP4039020

the amount of  $\text{Na}_2\text{CO}_3$ . The titrated solution is treated with 5 - 6 ml of HCl to eliminate  $\text{CO}_2$  and to decompose the dolomite and the datolite concentrate. The solution is brought to 250 ml in a volumetric flask and 100 ml are removed for determination of  $\text{B}_2\text{O}_3$  and 50 ml for determination of  $\text{CaCO}_3$ .  $\text{B}_2\text{O}_3$  is determined by titration of boric acid with NaOH in the presence of glycerin.  $\text{CaCO}_3$  is determined by titration with trilon B (0.2 N solution) in an alkaline solution.  $\text{CaCO}_3 + \text{MgCO}_3$  is also determined by titration with trilon B in an ammonia buffer. Orig. art. has: 2 tables and 5 equations

ASSOCIATION: Saratovskiy zavod tekhnicheskogo stekla (Saratov Technical Glass Plant)

SUBMITTED: 00

DATE ACQ: 10Jun64

ENCL: 00

SUB CODE: IC, MT

NR REF SOV: 000

OTHER: 000

Card

2/2

KUKOLEVA, L.I.

Dermatomycosis in infants. Vest.ven. i derm. 30 no.5:22-23 8-0 '56.

(MIRA 9:12)

1. Iz Moskovskogo mikologicheskogo dispansera (glavnyy vrach V.N.  
Pantkovskaya, konstal'tant - prof. A.M.Ariyevich)

(FUNGUS DISEASES, in inf. and child  
sin, clin, aspectu)

ARIYEVICH, A.M., professor; KUKOLEVA, L.I.

Fungous intertrigo in a child following external application of  
synthomycin. *Pediatrriia* 39 no.3:53-54 My-Je '56. (MLRA 9:9)

1. Iz I Moskovskogo mikologicheskogo dispansera (glavnyy vrach  
V.N.Pentkovskaya, konsul'tant - prof. A.M.Ariyevich)  
(ANTIBIOTICS, injurious eff.)  
(CHLORAMPHENICOL, inj. eff.  
intertriginous fungus infect. of skin in child after  
external application)  
(INTERTRIGO, etiol. and pathogen.  
fungus infect. caused by external use of chloramphenicol)  
(FUNGUS DISEASES, etiol. and pathogen.  
intertriginous, caused by external use of chloramphenicol)

KUKOLEVA, L. I.

Ambulatory therapy of patients with mycoses of the scalp with epilin plaster. Vest. dermat. i ven. 34 no.1:78-80 Ja '60.

(MIRA 14:12)

1. Iz Moskovskogo mikologicheskogo dispansera (glavnyy vrach V. N. Pentkovskaya, konsul'tant - prof. A. M. Ariyevich).

(FUNGICIDES) (SCALP--DISEASES)

KUKOLEVA, M.I.; CHACHINA, Ye.F.; KLASSEN, O.G.; NISHCHIY, V.A.

Three observations on reanimation. Vest. khir. 93 no.8:94-95 Ag '64.  
(MIRA 18:7)

1. Iz khirurgicheskogo otdeleniya (zav. - M.I.(Kukoleva) mediko-sanitarnoy chasti zavoda imeni Lenina, goroda Zlatoust, Chelyabinskoy oblasti.

KUKOLEVA, N.I.

Photocolposcopy in the work of a gynecological center. Akush.  
i gin. 40 no.1:129-131. Moskva '64. (MIRA 17:8)

1. Rodil'nyy dom No.4 (glavnyy vrach N.Z. Strokova, nauchnyy  
rukovoditel' - prof. V.A. Kabanovskiy), Veronezh.



POGORELKO, P.A.; KUKOLEVA, T.V., red.; SVESHNIKOV, A.A., tekhn.red.

[New type of long-distance communications in the meter bands]  
Novyi vid dal'nei svyazi na metrovykh volnakh. Moskva, Izd-vo  
"Sovetskoe radio," 1959. 84 p. (SIRA 13:1)  
(Radio--Transmitters and transmission)

IRODOV, Igor' Yevgen'yevich; MUKHTAROV, Ch.K., dotsent, nauchnyy red.;  
KUKOLEVA, T.V., red.; ANDREYENKO, Z.D., red.; VIASOVA, N.A.,  
tekh.n.red.

[Collected problems in atomic physics] Sbornik zadach po atomnoi  
fizika. Moskva, Gos.izd-vo lit-ry v oblasti atomnoi nauki i  
tekhniki, 1960. 238 p. (MIRA 14:2)  
(Nuclear physics)

SERGOVANTSEV, B.V.; ETKINA, V.S., red.; KUKOLEVA, T.V., red.; SVESHNIKOV,  
A.A., tekhn. red.

[Ultra-high frequency parametric amplifiers; a brief review of  
works published in the foreign press from 1957 to August 1960]  
Parametricheskie usiliteli SVCh; kratkii obzor rabot, opublikovan-  
nykh v zarubezhnoi pechati za period s 1957 po avgust 1960 g. Pod red.  
V.S.Etkina, Moskva, Izd-vo "Sovetskoe radio," 1961. 151 p.  
(MIRA 14:11)

(Parametric amplifiers) (Microwaves)

ORLOVSKIY, Ye.L.; KHALFIN, A.M.; KHAZOV, L.D.; ZAVARIN, G.D.;  
KRUSSER, B.V.; SHCHELOVANOV, L.N.; TARANTSOV, A.V., red.;  
KUKOLEVA, T.V., red.; SAUROV, B.V., tekhn. red.

[Theoretical principles of electrical transmission of images;  
television and phototelegraphy] Teoreticheskie osnovy elektricheskoi peredachi izobrazhenii; televizionie i fototelegrafiia.  
[By] E.L.Orlovskii i dr. Pod obshchei red. A.V.Tarantsova.  
Moskva, Sovetskoe radio. Vols. 1 - 2. 1962. (MIRA 15:10)  
(Television) (Phototelegraphy)

BAMDAS, A.M.; SAVINOVSKIY, Yu.A.; KUKOLEVA, T.V., red.; SVESHNIKOV, A.A.,  
tekhn. red.

[Radio-equipment filter chokes] Drosseli fil'trov radioapparatury.  
Moskva, Sovetskoe radio, 1962. 191 p. (MIRA 15:6)  
(Radio filters) (Electric filters)

TYAGUNOV, G.A., prof., doktor tekhn. nauk, red.; KUKOLEVA, T.V., red.;  
VLASOVA, N.A., tekhn. red.

[Accelerators] Uskoriteli; sbornik statei. Pod red. G.A. Tia-  
gunova. Moskva, Gosatomizdat. No.3. 1962. 215 p.

(MIRA 15:4)

1. Moscow. Inzhenerno-fizicheskiy institut.  
(Particle accelerators)

KUKOLEVA, T.V., red.; POFOVA, S.M., tekhn. red.

[Theory and design of linear accelerators] Teoriya i raschet  
lineinykh uskoritelei; sbornik statei. Moskva, Gosatom-  
izdat, 1962. 347 p. (MIRA 15:10)

1. Akademiya nauk URSS, Kiev. Fiziko-tekhnichnyi instytut.  
(Particle accelerators)

AKSENTOV, Yu.V.; GOL'DIN, A.A.; DZHAKONIYA, V.Ye.; DUSHKEVICH, N.I.;  
YERGANZHIVYEV, N.A.; YEFIMKIN, V.I.; LIPAY, I.N.; MINENKO, Yu.G.;  
ODNOL'KO, V.V.; PEREVEZENTSEV, L.T.; TARANETS, D.A.; SHMAKOV,  
P.V., prof.; KUKOLEVA, T.V., red.; BELYAYEVA, V.V., tekhn. red.

[Theory and practice of color television]Teoriia i praktika  
tsvetnogo televideniia. Moskva, Sovetskoe radio, 1962. 661 p.  
(MIRA 16:1)

(Color television)



SRETENSKIY, V.N.; KUKOLEVA, T.V., red.; GUTCHINA, N.Ya., red.;  
BELYAYEVA, V.V., tekhn. red.

[Principles of the use of electronic superhigh frequency  
devices; characteristics, study methods and evaluation of  
the correctness of the use of superhigh frequency devices]  
Osnovy primeneniia elektronnykh priborov svorkhvysokikh  
chastot; svoistva, metody issledovaniia i otsenka pravil'-  
nosti primeneniia priborov SVCh. Moskva, Sovetskoe radio,  
1963. 416 p. (MIRA 16:12)

(Microwaves)

KLYAMKO, E.I.; KITOV, A.I., red.; KUKOLEVA, T.V., red.; GJTCHINA,  
N.Ya., red.; BELYAYEVA, V.V., tekhn. red.

[Network and test control in automatic digital computers]  
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USSR/Human and Animal Physiology- Nervous System.

R-12

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71121

Author : L.I. Il'ina and Ye.V. Kukolevskaya

Inst :

Title : Electroencephalographic Determination of the Dynamics  
of Cortical Processes in Athletes.

Orig Pub : Teoriya i praktika fiz. kultury, 1957, 20, No 2, 127-134

Abstract : No abstract.

Card 1/1

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Study of the training level of short-distance runners based on  
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(MIRA 12:9)

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IL'INA, L.I.; KUKOLEVSKAYA, Ye.V.

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IL'INA, Lyubov' Ivanovna; KUKOLEVSKAYA, Yekaterina Vasil'yevna;  
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(ELECTROENCEPHALOGRAPHY) (SPORTS MEDICINE)

KUKOLEVSKIY, B. P.

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"Modeling Streams in Order to Develop Measurement Scales." Min  
Higher Education USSR. Khar'kov Construction Engineering Inst.  
Khar'kov, 1955 (Dissertation for the degree of Candidate in  
Technical Sciences)

SO: Knizhnaya letopis' No. 27, 2 July 1955

SOV/98-59-8-14/33

3(5), 30(1)

AUTHOR: Kukolevskiy, B.P., Candidate of Technical Sciences

TITLE: The Modeling of River-Bed Currents on a Distorted Scale

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 3, pp 50-51 (USSR)

ABSTRACT: This is a criticism of an article by A.I. Bredis entitled "Working With Distorted Models," which proposed that the formula for the scaled coefficient of speed  $v_n = v_m \sqrt{\delta h}$ , used for the modeling of river-bed currents on a distorted scale, be replaced by Professor S.V. Izbash's formula  $v_n = v_m \frac{S_n}{S_m} \sqrt{\delta h}$ , which is claimed to be more accurate. This theory is based on the assumption that the coefficients  $S_n$  and  $S_m$  are equal, which is possible, according to Professor A.A. Sabaneyev, when used for a non-distorted model. The author of the criticism then cites data taken from vast research on the subject to prove that the original formula is more suitable; the tests on which his conclusions were based were of two types: 1) projected models of straight sections of trapezoid canals; and 2) hard river-bed models of sections of rivers 1,000 m in length.

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## The Modeling of River-Bed Currents on a Distorted Scale

The former experiments were carried out in wooden trapezoid trays, of which the one used for the undistorted model was of the following dimensions: bottom width  $b = .3m$ , length  $l = 6.5m$  coefficient of deposit of the slopes  $t = 3$ , inclination of the bottom  $i = .00035$ . The same scale was taken for the other two trays as for the first ( $\delta_v = 1$ ), while the vertical scales were taken to be 4 and 100 times larger respectively; the second tray had a coefficient of deposit of the slopes ( $t$ ) of  $3/4$  and a bottom inclination ( $i$ ) of  $.0014$ , while in the third  $t = 3/10$  and  $i = .0035$ . The experiments on hard river-bed models were carried out without distortion of the scales and with distortions of 250%, 400% and 1,000%. The undistorted model was set up on the scale of 1:30 (length - 33m, average breadth - 5m). The same horizontal scale ( $\delta_v = 100$ ) was used for the 2 other models, and the vertical scales were taken as being  $\delta_h = 40$ ,  $\delta_h = 25$  and  $\delta_h = 10$ . The results of these tests are given in tables 1 and 2, and a comparison of the speeds indicated in columns 3, 9 and 10 of table 1 and in columns 5, 6 and 7 of table 2 shows that the formula

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The Modeling of River-Bed Currents on a Distorted Scale

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$v_n = v_m \sqrt{\delta_h}$  is justified as being accurate enough for its purpose.

The author rejects the proposed new formula on the grounds that, as distortion increases, speeds decrease on conversion to actual size according to it (see columns 3, 11 and 12 of table 1 and columns 8, 9 and 10 of table 2), which is quite impossible. The reason for this is that the formula  $\frac{S_n}{S_m} = 1$ , proposed by Bredis, is incorrect, the right one being  $\frac{S_n}{S_m} = (\frac{\delta_i}{\delta_h})^{0.5}$ . Columns 13 and 14 of table 1, based on the proposed formula, give speeds for models of 10-fold distortion, which show that deviation is as much as 26% for both the speed and the coefficient C. The author concludes by reaffirming his faith in the accuracy of the former formula  $v_n = v_m \sqrt{\delta_h}$  for the calculation of real-life speeds from models. There are 2 tables.

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KUKOLEVSKIY, G.M.

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(PHYSICAL EDUCATION AND TRAINING,  
med. control & exam. in Russia)

*W. K. L. ...*  
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M.I., tekhn.red.

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(PHYSICAL EDUCATION AND TRAINING--HYGIENIC ASPECTS)

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KRYACHKO, I.A., dots., otv. red.; PRIOROV, N.N., prof., red.; MOSHKOV, V.N., prof., red.; LETUNOV, S.P., prof., red.; SOKOLOV, A.A., vrach, zaasl. master sporta, red.; LEVANDOVSKIY, L.I., red.; KUKOLEVSKIY, G.M., red.; GOTOVTSEV, P.I., red.; MEL'NIKOV, Ya.A., red.; FILIPPOVA, L.I., kand. med. nauk, red.; BEL'CHIKOVA, Yu.S., tekhn. red.

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  2. Zamestitel' predsedatelya Organizatsionnogo komiteta i chlen ispolnitel'nogo komiteta Mezhdunarodnoy federatsii sportivnoy meditsiny (for Kryachko).
  3. Deystvitel'nyy chlen AMN SSSR i Tsentral'nyy institut travmatologii i ortopedii (for Priorov).
  4. Chlen-korrespondent AMN SSSR i Tsentral'nyy institut usovershenstvovaniya vrachey i Tsentral'nyy institut kurortologii (for Moshkov).
  5. Tsentral'nyy nauchno-issledovatel'skiy institut fizicheskoy kul'tury (for Letunov).
  6. Sektsiya futbola SSSR Vsesoyuznogo trenerskogo soveta (for Sokolov).
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NEMENOV, Aleksandr Yakovlevich; DMITRIYEV, Yevgeniy Ivanovich  
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Vrachebnyi kontrol' za fizicheskim vospitaniem studentov.  
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LETUNOV, S.P., prof., red.; IONINA, A.V., dots., red.;  
MOTYLYANSKAYA, R.Ye., kand. med. nauk, red.;  
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tury (for Kukolevskiy). 4. Chlen-korrespondent AMN SSSR i  
Tsentral'nyy institut usovershenstvovaniya vrachey (for  
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1965. 310 p. (MIRA 18:7)

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Lawkowicz i z Oddziału Wewnętrznego Kierownik: doc. dr med.  
S. Pawelski Z Instytutu Hematologii Dyrektor: doc. dr med.  
A. Trojanowski i z Zakładu Radiologii AM w Warszawie Kierownik:  
prof. dr nauk med. W. Zawadowski.  
(HODGKIN'S DISEASE) (NEOPLASM RADIOTHERAPY)

KUKOLEWSKA-MACHNICKA, Jadwiga

Malignant granuloma simulating a solitary tumor of the mediastinum.  
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(HODGKIN'S DISEASE radiog) (MEDIASTINUM neopl)

KUKOLJA, S.; POLAK, Lj.

Substances acting on the central nervous system. I. Derivatives of  
N-Acyl-2-phenylbutyramide. Croat chem acta 32 no.1:23-30 '60.

(HEAI 9:12)

1. Research Department, "Pliva" Pharmaceutical and Chemical Works,  
Zagreb, Croatia, Yugoslavia.

(NERVOUS SYSTEM) (ACYL GROUPS)

(PHENYLEBUTYRAMIDE)

POLAK, Lj.; KUKOLJA, S.

Substances acting on the central nervous system. II. Derivatives of  $\underline{N}$ -( $\alpha$ -bromoacyl)-2-phenylbutyramide. In English, Croat chem acta 32 no.3:151-155 '60. (EEAI 10:7)

1. Research Department, "Pliva" Pharmaceutical and Chemical Works, Zagreb, Croatia, Yugoslavia.  
(Nervous system) (Bromophenylbutyramide) (Acyl groups)

KUKOLJA, S.; GRGURIC, D.; LOPINA, L.

Substances acting on the central nervous system. III. Synthesis of the racemic and optically active 2-ethyl-2-phenylglutarimide. Croat chem acta 33 no.1:41-44 '61.

1. Research Department, "Pliva" Pharmaceutical and Chemical Works, Zagreb, Croatia, Yugoslavia. 2. Editorial Board, "Croatica chemica acta", member (for Kukolja).

(Nervous system) (Ethylphenylglutarimide)



42745

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B156/B101

AUTHORS: Kukolja, S., Polak, Lj., Krnjević, H., Videk, M.

TITLE: Substances acting on the central nervous system. IV. Derivatives of 2-ethyl-2-phenyl butyramide

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1962, 157, abstract 21Zh125 (Croat. chem. acta, v. 33, no. 3, 1961, 121 - 126 [Eng.; summary in Serb.-Croat:])

TEXT: Research to find substances acting on the central nervous system has involved the synthesis of a number of derivatives of  $C_6H_5C(C_2H_5)_2COOH$  (acid I):  $C_6H_5C(C_2H_5)_2CONHR$  (II),  $C_6H_5C(C_2H_5)_2CONHCOR$  (III) and 4- $RC_6H_4C(C_2H_5)COR$  (IV). To 0.1 mole I in 200 ml absolute  $C_6H_6$  40 ml  $SOCl_2$  are added; the whole is boiled for 2 hrs, and the volatiles distilled off; without any further purification, the acid chloride is dissolved in 50 ml  $C_6H_6$  or  $HCON(CH_3)_2$ , 0.05 mole of anhydrous  $Na_2CO_3$  and 0.1 mole of the appropriate amide added, and the mixture heated for 2 hrs at  $\sim 100^\circ C$  and left for

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12 hrs at 20°C; the residue is washed in 10 ml  $C_6H_6$ , and II separated from the combined filtrates (R, the gross formula, the yield in %, and the melting point in °C (from alcohol) are given):  $C_2H_5$ ,  $C_{14}H_{21}NO$ , 90, 103 - 104;  $CH_2CH_2N(C_2H_5)_2$ ,  $C_{18}H_{31}ClN_2O$  (hydrochloride), 60, 164 - 165 (from alcohol ether);  $CH_2CH_2OH$ ,  $C_{14}H_{21}NO_2$ , 81, 66 - 67.5 (from benzene + petroleum ether);  $-CH_2CH_2-$ ,  $C_{26}H_{36}N_2O_2$ , 80, 107 - 109 (from benzene + petroleum ether);  $C_6H_5$ ,  $C_{18}H_{21}NO$ , 89, 85 - 86.5;  $CH_2C_6H_5$ ,  $C_{19}H_{25}NO$ , 85, 120 - 122; 5-propyl mercapto thiadiazole-1,3,4-yl-2,  $C_{17}H_{23}N_3OS_2$ , 78, 89 - 91; 5-isopropyl mercapto thiadiazolyl-1,3,4-yl-2,  $C_{17}H_{23}N_3OS_2$ , 61, 91 - 93; 2-phenyl-pyrazolyl-3,  $C_{21}H_{23}N_3O$ , 70, 126 - 128. 0.02 mole of  $C_6H_5C(C_2H_5)_2CONH_2$  (V) and 0.02 mole  $NaNH_2$  are boiled in 15 ml of anhydrous  $C_6H_6$  for 2 hrs; after cooling, 0.025 mole of  $RCOCl$  are added and the mixture is boiled for 2 hrs; after 12 hrs, at 20°C, 10 ml of water are added, and III is separated from the organic layer (R, the gross formula,  
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the percentage yield, and the melting point in °C (from alcohol) are given]:  $\text{CH}_3$ ,  $\text{C}_{14}\text{H}_{19}\text{NO}_2$ , 18, 89 - 92;  $\text{C}_2\text{H}_5$ ,  $\text{C}_{15}\text{H}_{21}\text{NO}_2$ , 15, 100 - 102;  $\text{C}_6\text{H}_5$ ,  $\text{C}_{19}\text{H}_{21}\text{NO}_2$ , 12, 123 - 125;  $\text{CHBrCH}(\text{CH}_3)_2$ ,  $\text{C}_{17}\text{H}_{24}\text{BrNO}_2$ , 10, 114 - 116. During 20 min, 4 ml of fuming  $\text{HNO}_3$  are added under cooling to 10 g I in 40 ml of concentrated  $\text{H}_2\text{SO}_4$ , and the mixture is held at 0 - 10°C for 30 min; it is poured onto ice, and 46 % of IV (R =  $\text{NO}_2$ , R' = OH) (IVa),  $\text{C}_{12}\text{H}_{15}\text{NO}_4$ , m.p. 144 - 146°C (from benzene) are separated by recrystallization. 2.4 g IVa and 0.5 g anhydrous  $\text{Na}_2\text{CO}_3$  in 15 ml water are hydrogenated over 0.05 g of Pd/C at ~20°C and 760 mm; the filtrate is neutralized with HCl, and 70 % of IV (R =  $\text{NH}_2$ , R' = OH) (IVb),  $\text{C}_{12}\text{H}_{17}\text{NO}_2$ , m.p. 166 - 167°C (from alcohol), are separated. 1 g IVb in 10 ml  $(\text{CH}_3\text{CO})_2\text{O}$  is boiled for 2 hrs, the excess of anhydride evaporated, and the residue dissolved in 10 %  $\text{Na}_2\text{CO}_3$ ; acidifying the alkaline solution provides 41.5% of IV (R =  $\text{CH}_3\text{CONH}$ , R' = OH) (IVc),  $\text{C}_{14}\text{H}_{19}\text{NO}_3$ , m.p. 197 - 198°C (from aqueous

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alcohol). Another substance produced from IVa is IV (R = N(CH<sub>3</sub>)<sub>2</sub>, R' = OH) (IVd), CH<sub>14</sub>N<sub>21</sub>NO<sub>2</sub>, yield 83 %, m.p. 145 - 146°C (from dilute alcohol). 0.5 g IVd are methylated with CH<sub>2</sub>N<sub>2</sub> produced from 1 g nitroso-methyl carbamide, and the methyl ester of IVd [R = N(CH<sub>3</sub>)<sub>2</sub>, R' = OCH<sub>3</sub>], C<sub>15</sub>H<sub>23</sub>NO<sub>2</sub>, is obtained; yield 90 %, m.p. 79 - 80°C. The methyl ester (R = CH<sub>3</sub>C(=O)NH, R' = OCH<sub>3</sub>), C<sub>15</sub>H<sub>21</sub>NO<sub>3</sub>, (yield 90 %, m.p. 143 - 144°C) is synthesized in an analogous manner from 0.6 g of IVc. 10 g IV (R = H, R' = NH<sub>2</sub>) (IVe) are cooled with ice and added to 50 ml of concentrated H<sub>2</sub>SO<sub>4</sub>, and during 20 min at 0 - 10°C 4 ml of fuming HNO<sub>3</sub> are added drop by drop; the mixture is held in ice for 30 min, and poured out onto ice; the resultant product is 54 % of IV (R = NO<sub>2</sub>, R' = NH<sub>2</sub>) (IVf), C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>, m.p. 127 - 128°C. To 1 g IVa in 10 ml C<sub>6</sub>H<sub>6</sub> 2 ml of SOCl<sub>2</sub> are added; the mixture is boiled for 2 hrs, the volatile substances evaporated, the residue dissolved in 10 ml C<sub>6</sub>H<sub>6</sub> and saturated with NH<sub>3</sub> gas; the product is 40 % of IVf. By nitrating  
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10 g  $C_6H_5C(C_2H_5)_2CN$  (VII) in a manner analogous with the production of IVa, 47.5 % of 4- $NO_2C_6H_4C(C_2H_5)_2CN$  (VIII),  $C_{12}H_{14}N_2O_2$ , m.p. 81 - 83°C (from benzene) are synthesized. 3 g VIII in 10 ml 96 %  $H_2SO_4$  are heated for 8 hrs at 70°C and poured onto ice; 67 % IVf are extracted with  $C_6H_6$ . IV is correspondingly produced in a manner analogous with that described above for the synthesis of IVd and IVe (R, R', the gross formula, the initial substance, the percentage yield, and the melting point in °C, are given):  $N(CH_3)_2, NH_2, C_{14}H_{22}N_2O$ , IVf, 79, 119 - 120;  $NH_2, NH_2, C_{12}H_{18}N_2O$ , IVf, 53, 142 - 143. 85 g VII, 250 ml concentrated  $H_2SO_4$ , and 25 ml water are heated at ~100°C for four hrs, and then after cooling poured onto ice,  $C_6H_6$  being used for extracting 81 % of nonpurified IVe, m.p. 49 - 51°C. 77 g of nonpurified IVe are treated by the method described earlier (see N. Sperber et al, J. Amer. Chem. Soc., v. 70, 1948, 3091), with  $C_4H_9ONO$  in  $CH_3COOH$ , and 90 % I, m.p. of 90 - 91°C, is produced. For communication III, see RZhKhim, 1962, 8Zh134. [Abstracter's note: Complete translation.]  
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