

KUTUZOV, D.S., gornyy inzhener; ALBOROV, Z.B., gornyy inzhener; BABICH, I.A.,
gornyy tekhnik

Improving the system of a mass breaking down of ore. Gor.shur.
no.5:6-8 My '55. (MIRA 8:7)
(Mining engineering)

KUTUZOV, D.S.

Blasting operation practices for block caving. Trudy Inst. gor.
dela AN Kazakh. SSR 1:69-76 '56. (MIRA 11:1)
(Mining engineering) (Blasting)

KUTUZOV, D.S., inzh.; TSAY, L.A., inzh.

Ventilation during the second working in Leninogorsk mines.
Bezop.truda v prom. 3 no.9:25-27 S '59. (MIRA 13:2)

1. Leninogorskiy rudnik.
(Leninogorsk--Mine ventilation)

KUTUZOV, D.S., gornyy inzh.; ALBOROV, Z.B., gornyy inzh.; BABICH, I.A., gornyy
tekhnik

Practice of breaking of ore with chamber charges in the Leninogorsk
Mine. Gor. zhur. no.4:13-15 Ap '60. (MIRA 14:6)

1. Leninogorskiy polimetallicheskiy kombinat.
(Blasting)

USPANCV, K.Ye.; ISAKCV, V.A.; MAL'CHENKO, Yu.I.; ALBCRCV, Z.B.;
GALIMZHANCV, K.O.; KUTUZOV, D.S.

Systems of mining thin and medium thickness sections of the
Sokol'noye deposit. Trudy Inst. gor. dela AN kazakh. SSR
7:38-48 '60. 'MIRA 14:6)
(Leninogorsk region(East Kazakhstan Province)--Mining engineering)

BRONNIKOV, Dmitriy Mikhaylovich, doktor tekhn. nauk; BAIANOV, Ye.G., kand. tekhn. nauk, retsenzent; MALKIN, I.M., kand. tekhn.nauk, retsenzent; KUTUZOV, D.S., gorn. inzh., retsenzent; PARTSEVSKIY, V.M., red. izd-va; LOMILINA, L.M., tekhn. red.

[Choice of blasthole parameters in underground ore breaking] Vybory parametrov vzryvnykh skvazhin pri podzemnoi otboike rud. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 109 p.

(MIRA 14:12)

(Boring)

(Blasting)

IMENITOV, Vladimir Rafailovich. Prinimali uchastiye: KUTUZOV, D.S.;
FAYBISHENKO, D.I.; ZHIGALOV, M.L.; AGOSHKOV, M.I., retsenzent;
MALKIN, I.M., kand. tekhn. nauk, retsenzent; ALBOROV, Z.B.,
kand. tekhn. nauk, retsenzent; BUBLIS, A.N., gorn. inzh., re-
tsenzent; BUNIN, A.I., otv. red.; SIPYAGINA, Z.A., red. izd-va;
SHKLYAR, S.Ya., tekhn. red.

[Highly productive systems of mining thick hard ore deposits]
Vysokoproizvoditel'nye sistemy razrabotki moshchnykh mesto-
rozhdenii krepkikh rud. Moskva, Gos.nauchno-tekhn.izd-vo lit-
ry po gornomu delu, 1961. 417 p. (MIRA 15:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Agoshkov).
(Mining engineering)

GALIMZHANOV, K.G.; BOGUSLAVSKIY, R.A.; ISAKOV, V.A.; KUTUZOV, D.S.;
MAL'CHENKO, Yu.I.; TEN, N.A.; GOLOVANOVA, A.V., otv. red.
CHASOVIKOVA, Z.I., tekhn. red.

[Progressive practice in working medium-thick ore bodies of
the Sikolovka deposit] Peredovoi opyt razrabotki rudnykh tel
srednei moshchnosti sokol'nogo mestorozhdeniya. [By] K.G.
Galimzhanov i dr. Alma-Ata, Tsentr. in-t nauchno-tekhn. in-
formatsii, 1962. 74 p. (MIRA 15:9)
(Kustanay Province--Mining engineering)

BELOV, P.V., inzh.; KALASHNIKOV, A.P., inzh.; KUTUZOV, D.S., inzh.

Efficient diagrams of electric blasting circuits. Bezop.truda
v prom. 7 no.3:26-27 Mr '63. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnykh metallov
(for Belov, Kalashnikov). 2. Leninogorskiy polimetallicheskiy
kombinat (for Kutuzov).

(Electric circuits) (Blasting)

KUTUZOV, D.S., gornyy inzh.; TEN, N.A., gornyy inzh.; POZDNYAKOV, B.V.,
kand. tekhn. nauk.

Standardization of the consumption of explosives in borehole
breaking of hard ores. Vzryv. delo no.53/10:221-226 '63.
(MIRA 16:8)

1. Leninogorskiy polimetallicheskiy kombinat (for Kutuzov, Ten).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnykh
metallov (for Pozdnyakov).
(Boring) (Explosives)

KUTUZOV, D.S.; BARICH, I.A.

Improvement of scraper haulage. Ser. zhizn. no. 122, 27. 1y 1955.
(MIRA 13:5)

1. Glavnyy inzh. Leningorskogo polimetallurgicheskogo kombinata (for Kutuzov).
2. Nachal'nik proyektno-konstrukterskogo otzela Leningorskogo polimetallurgicheskogo kombinata (for Barich).

БЕДЕН, А.А.; БИДЕН, Н.А.; БИДЕН, Н.А.; БИДЕН, Н.А.; БИДЕН, Н.А.;
БЕДЕН, А.А.; БИДЕН, Н.А.; БИДЕН, Н.А.; БИДЕН, Н.А.; БИДЕН, Н.А.;
БЕДЕН, А.А.; БИДЕН, Н.А.; БИДЕН, Н.А.; БИДЕН, Н.А.; БИДЕН, Н.А.;

Experiences in using the ... with ...
Gor. zhur. no.8:22-26. 1966.

1. Institut porogo dela im. I.A. Skostina (for ... Arutyunov).
2. Vsesoyuznyy nauchno-issledovatskiy tsentr ...
giletskiy institut ... metallov ...
3. Tyrynzavskiy kombinat (for ... nov, ...
polimetallichevskiy kombinat (for ... nov, ...

ANIKIYEV, V.V.; KUTUZOV, F.F.

New method for determining the surface area of leaves in gramineous plants. Fiziol.rast. 8 no.3:375-377 '61. (MIRA 14,5)

1. Gosudarstvennyy pedagogicheskiy institut im. A.L.Gertsena, Leningrad.

(Leaves) (Botanical research)

ZVEREV, A.G.; POPOV, V.F.; FADEYEV, I.I.; BABUSHKIN, V.I.; BERLOVICH, I.L.;
BOCHKO, A.M.; BURLACHENKO, S.Ya.; GARBUZOV, V.F.; DMITRICHEV, P.Ya.;
DUNDUKOV, G.F.; ZLOBIN, I.D.; KOROVUSHKIN, A.E.; KORSHUNOV, A.I.;
KUZIN, M.G.; KUTUZOV, G.A.; LYSKOVICH, A.A.; MASHTAKOV, A.M.;
MIKHEYEV, V.Ye.; NIKEL'BERG, P.M.; POSKONOV, A.A.; ROMANOV, G.V.;
SOSIN, I.F.; SOSNOVSKIY, V.V.; POVOLOTSKIY, M.M.; URYUPIN, P.A.;
KHARIONOVSKIY, A.I.; CHULKOV, N.S.; SHESHERO, N.A.; SHITOV, A.P.;
SHUVALOV, A.M.; YANBUKHTIN, K.Kh.

Arsenii Mikhailovich Safronov; obituary. Fin.SSSR 13 no.11:95
N '57. (MIRA 10:12)

(Safronov, Arsenii Mikhailovich, 1903-1957)

KUTUZOV, Grigoriy Aleksandrovich; KUTYREV, S., red.; SHAVRIN, V., red.;
TELEGINA, T., tekhn.red.

[Inspection in financial organs] Revizionnaya rabota v finansovykh
organakh. Moskva, Gosfinizdat, 1958. 194 p. (MIRA 12:2)
(Auditing)

KUTUZOV, G.

Work of financial organs in connection with the reorganization of
machine-tractor stations, *Vin. SSSR* 19 no.5:10-15 My '58.
(Agricultural credit) (MIRA 11:6)

KUTUZOV, G.

Allotment of working capital to repair and supply stations.
Fin. SSSR 19 no.9:6 S '58. (MIRA 11:10)
(Repair and supply stations--Finance)

KUTUZOV, G.

Some problems in the analysis of financial operations of
collective farms. Fin. SSSR 22 no.3:36-43 Mr '61. (MIRA 14:7)
(Collective farms--Finance)

KUTUZOV, G.

Pave the way for efficiency promoters. Fin.SSSR 22 no.5:8-12 My
'61. (MIRA 14:5)

1. Predsedatel' tsentral'noy komissii Ministerstva finansov SSSR po
ratsionalizatorskim predlozheniyam i izobreteniyam.
(Finance) (Suggestion systems)

EXHIBIT 1.

USSR/Govt Financial Controls
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4960.

Oct 1947

"Review of 'Financial Control in the USSR' by Prof N. N. Revinsky,"
G. Kutozov, S. Kutyrev, S. Glezin, 7pp

"Sov Finansy" Vol VIII, No 10

Book contains ten chapters. First discusses concept and significance of control in socialist state, particularly financial control. Chapter two discusses financial control organization in detail and its transformation during various phases of socialism. Chapter three deals with organs of state and financial control, regulations dealing with control, and responsibilities of various individuals and institutions. Chapter four takes up financial control foreign states: England, USA, France, and Belgium. Remainder of book is devoted to organizations and methods of control as applied to budgets, budgetary institutions and industrial enterprises. Book is reviewed favorably but defects are pointed out by all three reviewers.

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KUTUZOV, G.A.

Carry out financial control on a high plane in the sixth five-year plan. Bukhg.uchet 14 no.5:1-6 My '57. (VLEA 10:7)

1. Chlen Kollegii Ministerstva finansov SSSR.
(Russia--Industries)

KUTUZOV, G.

Study the agricultural economy more deeply. Fin.SSSR 21
no.6:26-33 Jan '60. (MIRA 13:6)
(Agriculture--Costs)

KUTUZOV, G.

Strengthen the finances of collective and state farms. Fin.
SSSR 23 no.8:22-27 Ag '62. (MIRA 15:8)

1. Chlen Kollegii Ministerstva finansov SSSR.
(Agriculture--Finance)

COUNTRY : USSR
CATEGORY : World and West Control

ABST. JOUR. : REBiol., No. 12, 1958, No. 53950

AUTHOR : Kutuzov, G.P.
TIT. : Not Given
FILE : The Use of Herbicides in Weed Control in
Sugar Beets

ORIG. PUB. : Sb. in. s.-kh. inform., 1957, No. 6, 3-8

ABSTRACT : It may be inferred from a review of American, English and French data that among the large number of herbicides tested the most promising for treating sugar beets up to germination are pentachlorophenol, isopropylphenylcarbamate, and diesel oil, while after germination the most promising are NaCl in a mixture with NaNO_3 with added moistener. The bibliography lists 15 titles.--N.N. Sokolov

END: 1/1

KUTUZOV, G.P.

Utilizing pentachlorophenyl sodium to control the most common
spring weeds of beet fields. Dokl. Akad. sel'khoz. 23 no.8:
34-36 '58. (MIRA 11:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni
V.R. Vil'yamsa.

(Phenol) (Weed control)

KUTUZOV, G. P. Cand Agr Sci -- (diss) "Chemical means of controlling annual weeds in ~~crops~~ of fodder beets." Mos, 1959. 16 pp (All-Union Order of Lenin Acad Agr Sci im V. I. ~~Lenin~~ Lenin. All-Union Sci Res Inst ~~for~~ Fertilizers and Agr Soil Science), 150 copies (KL, 43-59, 126)

KUTUZOV, G.P.

Using isopropyl phenyl carbamate for killing annual weeds on
mangel-wurzel fields. Dokl. Akad. sel'khoz. 24 no.4:24-27 '59.
(MIRA 12:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni
V.R. Vil'yamsa. Predstavlena chlenom-korrespondentom Vsesoyuznoy
akademii sel'skokhozyaystvennykh nauk im. V.I. Lenina I.I. Sinyaginym.
(Mangel-wurzel) (Carbamic acid)

KUTUZOV, G.P., kand.sel'skokhozyaystvennykh nauk

Using herbicides on pea fields. Zemledelie 23 no.12:20-22 U
'61. (MIRA 15:1)

1. Tsentral'naya opytnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta udobreniy i agropochvovedeniya.
(Peas--Diseases and pests) (Herbicides)

KUTUZOV, G.P., kand.sel'skokhoz.nauk

Precautionary measures in working with contact herbicides. Zashch.
rast.ot vred.i bol. 7 no.4:45 Ap '62. (MIRA 15:12)

1. Vsesoyuznyy institut kormov, st. Lugovaya, Moskovskoy obl.
(Spraying and dusting—Safety measures)

KUTUZOV, G.P., kand.sel'skokhoz. nauk; KANYGIN, Yu.I.

Using some herbicides in forage bean fields. Zemledelie 25
no.5:44-45 My '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov (for
Kanygin).

(Beans) (Weed control)

KUTUZOV, I.A., data. kand. tekhn. nauk

Accumulation of errors in triangulation nets with measured
sides. Izv. vyzn. uch. zov.; ser. 1 ser. no. 3:97-100 '67.

(MIRA 11:7)

(Triangulation)

KUTUZOV, I. A. (Acad. Sci. USSR)

"Preliminary Results of Processing of Synchronous Photometric Observations of the Satellite 'Echo-1'"

Report presented at the COSPAR, 5th Intl. Space Science Symposium, Florence, Italy, 16-20 May 1964.

TSEMAKHOV, G.Ya; KUTUZOV, I.I.

Intratracheal anesthesia during the analgesic stage. Zdrav.Bel.
9 no.2:14-16 F'63. (MIRA 16:7)

1. Nauchnyy rukovoditel':-prof. A.M.Boldin; glavnyy vrach
Glubokskoy meshrayonnoy bol'nitsy G.Ya.Tsemakhov.
(INTRATRACHEAL ANESTHESIA)

KUTUZOV, L.G.; RYSIN, V.I., inzh.; SHIRKEVICH, N.S., inzh.; KUZNETSOV, N.D.,
inzh.; FILIMONTSEV, I.S., inzh.; PAPINOVA, O.I., inzh.; KHOLODKOV,
N.Ye., inzh.; ASTAFUROV, O.A.; SASS, K.Z.; SASIM, A.S.; SAFAROVA,
Ye.S. [deceased]

Exchange of practices by the enterprises of economic councils.
Torf. prom. 40 no.7:34-38 '63. (MIRA 17:1)

1. Gusevskoye torfopredpriyatiye Verkhne-Volzhskogo soveta
narodnogo khozyaystva (for Kutuzov).
2. Torfopredpriyatiye
Vasilevichi II Belorusskogo soveta narodnogo khozyaystva (for
Shirkevich, Filimontsev, Papinova, Kholodkov).
3. Stavyavskiy
lesnoy khimicheskoy kombinat Gor'kovskoy obl. (for Kuznetsov).
4. Fornosovskiy torfobriketnyy zavod Leningradskogo
gosudarstvennogo tresta torfyanoy promyshlennosti (for Sass).

KUTUZOV, L. G., inzh.

Manufacture of transmission case packings for DT-54 and DT-55
tractors. Torf. prom. 40 no.3:36 '63.

(MIRA 16:4)

1. Gusevskoye torfopredpriyatiye.

(Tractors—Maintenance and repair)

Card 5/5

КУЗНЕЦОВ, Михаил Никитичевич

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YERMOLOV, B.P.; KUTUZOV, M.N.; MURAVIN, M.M.; SAYENKO, D.V., TROITSKIY, B.V.;
ZAKATOV, P.S., professor, doktor tekhnicheskikh nauk, redaktor;
RUDSHTEYN, M.L., redaktor; KUZ'MIN, G.M., tekhnicheskii redaktor

[Geodesy] Geodesia. Pod obshchei redaktsiei professora doktora
tekhnicheskikh nauk P.S.Zakatova. Moskva, Izd-vo geodezicheskoi
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YERM LOV, Boris Pavlovich; ZAKATOV, Petr Sergeyevich; KUTUZOV, Mikhail
Nikiforovich; MURAVIN, Mark Mikhaylovich; SAYENKO, Dmitriy Vasil'-
yevich; TROITSKIY, Boris Vladimirovich; HUDSHEYN, M.L., redaktor;
POVALYAYEV, P.I., redaktor; KUZ'MIN, G.M., tekhnicheskiy redaktor

[Geodesy] Geodeziia. Pod obshchey red. P.S.Zakatova. Moskva, Izd-
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M.L., red.; INOZEMTSKYA, A.I., red.izd-va; ROMANOVA, V.V.,
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KUTUZOV, Nikolay Ivanovich; FEDCHENKO, V., RED.; TERYUSHIN, M., tekhn.red.

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(Siberia--Prospecting)

BOBROV, A.B.; SIBIRYAKOV, A.A.; AKATNOV, I.N.; BIL'DE, A.E.; KOZIN, A.I.,
GROSMAN, I.S.; BASKAKOV, A.I.; YATSYSHIN, A.M.; TRUNOV, A.F.;
KUTUZOV, N.L.; VICHIK, Ya.B.; CHUMBAROVA, A.A.; PRYAKHIN, R.I.;
~~ZINOV'EV, N.I.~~; MIKHAYLOVA, S.I.

Georgii Alekseevich Uarev. Muk.-elev.prom. 21 no.1:31 Ja '55.
(Uarev, Georgii Alekseevich, 1898-1954) (MLRA 8:5)

MITCHELL, Yevgeny Nikolayevich, kanz. tekhn. nauk; 1919,
R.S.S., red.

[Reinforcement in structural elements; verbatim
report delivered December 26, 1957 as part of the course
"New developments in construction"] Razvitiya armirovaniya v
konstruktivakh; stenogramma lektsii, predchitannoi 26
dekabrya 1957 goda po tsiklu "Novoe v stroitel'stve." Lo-
ningrad. Pt.1. 1958. 32 p. (LMA 17:7)

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Fumice from blast-furnace disintegrating slag. Anal. mt.
10 no.3:35 Mr '64. (MIR 17:6,

MOISEYEV, S., inzh.po tekhnike bezopasnosti; KALINOVSKIY, P., mekhanik;
 SHALOMOV, B., yuriskonsul't; TALANOVA, N., inzh.po tekhnike
 bezopasnosti; BYCHKOVA, I., inzh.; VORONOV, A., elektrik; SOKOLENKO,
 N.; KUTUZOV, P.; TOPYRIK, P., pensioner; FEDIYUKOV, G., inzh.po
 tekhnike bezopasnosti; CHECHETKIN, A.; KLIMENT'YEVA, Ye.

Those, who serve us. Okhr. truda i sots. strakh. 3 no.7:52-53 J1
 '60. (MIRA 13:8)

1. Raydovaya brigada. 2. Moskhladokombinat imeni Mikoyana (for Moiseyev).
3. Upravleniye Mosgorplodoovoshoh (for Kalinovskiy).
4. Tsentral'nyy universal'nyy magazin Voyentorga (for Shalomov).
5. Gosudarstvennyy universal'nyy magazin, Moskva (for Talantova).
6. Obshchestvennyy inspektor okhrany truda Mostorgstroya (for Bychkova).
7. Obshchestvennyy inspektor okhrany truda Mosrybokombi-
 nata (for Voronov).
8. Pravovoy inspektor Moskovskogo gorodskogo
 soveta profsoyuzov (for Sokolenko).
9. Obshchestvennyy inspektor
 okhrany truda kholodil'nika No.1, Moskva (for Kutuzov).
10. Moskovskiy
 rybokombinat (for Fedyukov).
11. Korrespondent gazety "Sovetskaya
 trgovlya" (for Chechetkin).
12. Zaveduyushchaya otdelom profsoyuz-
 noy zhizni gazety "Sovetskaya trgovlya" (for Kliment'yeva).
13. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'-
 noye strakhovaniye" (for Gromov).

(Warehouses--Safety measures)
 (Retail trade--Safety measures)

KUTUZOV, P.K., kand. sel'skokhoz. nauk; KONEV, G.I., nauchnyy sotrudnik;
SAVCHENKO, A.M., nauchnyy sotrudnik

Aftereffects of the damaging activities of the fir moth
Boarmia bistortata in the Tuba forests. Trudy VSNIPILesdrev
no.7:61-67 '63. (MIRA 17:2)

1. Vostochno-Sibirskiy nauchno-issledovatel'skiy i proyektnyy
institut lesnoy i derevoobrabatyvayushchey promyshlennosti.

KUTUZOV, P.K.; BUTKATE, A.P.

Dying of trees injured by the leaf caterpillar *enrolines*
sibiricus. Trudy Biol. Inst. Sib. Otd. AN SSSR no. 10:57-62
1963. (MIRA 17:5)

Korotkiy, N. P.

A. K. K. K.

Mapping of the coniferous species (resin yields
of a Siberian cedar); Moskva, Goslesbunizdat,
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RUSSOV, P. M.

Pine

Reliability of the resin index for determining
vital stability of the pine.

Izv. Khim. no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

USSR/ Biology - Botany

Card 1/1 Pub. 86 - 19/40

Authors : Kutuzov, P. P.

Title : The Siberian cedar

Periodical : Priroda 3, 94-99, Mar 1954

Abstract : The characteristics of a Siberian cedar tree are described. The various food, vitamin and material benefits, derived from the cedar are listed. One USSR reference (1953). Illustrations.

Institution : The Siberian Forest Station, Krasnoyarsk

Submitted :

ACC NR: AP6028801

SOURCE CODE: UR/0033/66/043/004/0878/0881

AUTHOR: Kutuzov, P. S. (Deceased); Mench, K. L.

ORG: Physico-Technical In-t im. A. F. Ioffe, Academy of Sciences SSSR (Fiziko-tekhni-cheskiy In-t Akademii Nauk SSSR)

TITLE: Application of a luminescent standard of brightness for controlling the sensitivity of an electrophotometer

SOURCE: Astronomicheskii zhurnal, v. 43, no. 4, 1966, 878-881

TOPIC TAGS: photometer, luminescent material, phosphor, light source

ABSTRACT: Measurements of the temperature variations of the brightness standards used in an electrophotometer as a reference light source are given. The brightness standards in question are manufactured on an experimental basis by the State Institute of Applied Chemistry. They consist of phosphors excited by soft β -radiation of radioactive carbon, applied on the base inside a metallic cuvette with a cerium window. One of the standards emits a green light and the other emits a blue light. The data were obtained in a stationary temperature state of the radiating layer. The thermostat consisted of a copper cylinder containing the brightness standard and a heater. Thermistors, used to sense the temperature, were placed inside the cylinder next to the brightness standards. The thermistors were connected to the arms of a resistance bridge

Card 1/2

UD: 523.035.27

ACC NR: AP6028801

which became unbalanced as the temperature of the copper cylinder decreased and their resistance increased. An alternate transistorized circuit, for controlling the thermostat is described. Orig. art. has: 4 figures.

SUB CODE: 20/

SUBM DATE: 03May65/

ORIG REF: 009

Cord 2/2

KUTUZOV, Roman Aleksandrovich; BUZO, N.A., inzh., retsenzent;
NIKOL'SKIY, V.A., inzh., retsenzent; MARENKOVA, G.I., inzh.,
red.; VASIL'YEVA, N.N., tekhn. red.

[Practice of the innovators at the Leningrad-Vitebsk Signaling
and Communications Department] Opyt ratsionalizatorov Leningrad-
Vitebskoi distantzii signalizatsii i sviazi. Moskva, Transzhel-
dorzdat, 1962. 49 p. (MIRA 15:7)

(Railroads--Communication systems)

KUTUZOV, S.A.

Long-period Cepheid BM Persei. Per.zvvezdy 12 no.3:243-244 M_r
'58. (MIRA 13:4)

1. Tartuskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo
obshchestva.
(Cepheids)

EYNASTO, Ya.E. [Einasto, J.]; EUTUZOV, S.A.

Determining the ephemeris of artificial earth satellites for the
approach point. Biul.sta.opt.natl.isk.sput.Zem. no.10:12-23
'70. (MIRA 14:11)

1. Institut fiziki i astronomii AN Estonskoy SSR i Tartuskiy
posudarstvennyy universitet.

(artificial satellites--Tracking)

KUTUZOV, S.A.

Problem of setting up a system of galactic parameters. Trudy
Astrofiz. inst. AN Kazakh. SSR 5:78-86 '65. (MIRA 18:6)

L 4405-66 EWT(1) GW
ACCESSION NR: AP5025210

UR/0030/65/000/009/0068/0070

AUTHOR: Eelsalu, Kh. T.; Kutuzov, S. A.

TITLE: Astrophysical observatory in Estonia

SOURCE: AN SSSR. Vestnik, no. 9, 1965, 68-70

TOPIC TAGS: astronomic observatory, astronomic telescope, actinometry

ABSTRACT: The authors report on the opening of a new astrophysical observatory in Estonia last autumn near Tartu. The observatory is part of the Institute of Physics and Astronomy, Academy of Sciences EstSSR. At the time the observatory was opened, construction had been completed on the main building, workshops, two towers for telescopes, a plastic dome and four small pavillions. The next project is to be a complex planned around a 1 1/2 meter reflecting telescope. At the present time, the observatory's most powerful telescope is a 70-cm reflector used mainly for spectroscopic studies. The towers are used for a double telescope: two synchronously operating 47-cm reflectors. This instrument is designed for photographic measurement of the brightness of heavenly bodies. The effect of atmospheric interference is compensated by training one telescope on the star to be studied and the other on

UDC: 523.030+522.10(474.2)

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L 4405-66

ACCESSION NR: AP5025210

a reference star whose brightness is known. The four pavillions contain a 35-cm reflector for photoelectric observations, a 20-cm reflector for spectroscopic observations, a special camera for photographing artificial earth satellites and a transit instrument. Work in stellar autronomy is being done in three basic categories: general problems of stellar dynamics, overall structure of the Galaxy and other stellar systems, and local galactic structure in the vicinity of the solar system. Work is being done at the observatory on cosmological problems (mainly in the field of gravitational theory) and on problems of metagalactic structure. In the field of geodesy, work is being done at the observatory on tectonic motions of the Earth's crust. Several actinometric instruments have been designed and built at the observatory. Orig. art. has: 2 figures. [14]

ASSOCIATION: Institut fiziki i astroncmii Akademii nauk Estonskoy SSR (Institute of Physics and Astronomy, Academy of Sciences, Estonian SSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: AA

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4185

Card 2/2

10. 44-38861-204 (MIRA 18:8)

KUNIN, S. I.

Turning

Chip breaker on chip deflector. Stan.
i instr. 23, No. 6, 1952.

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

2. Sim & Sub unit
1976 Jan 1954
Fuel Furnace &
Air Pump. P. 10

Q
2

Economical Heating Furnace. B. I. Kutuzov. (Stanki & Instrument, 1953, (2), 36-37). [In Russian]. A simple furnace is described in which parts can be prepared for forging with an expenditure of 200-300 g. of liquid fuel per kilogram of charge.—S. K.

KUTUZOV, S. I.

Turning

Two-way rapid turning. Stan. 1 instr. 24, No. 3, 1953.

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

L 07830-67 INT(1) WR
ACC NR: AP6033683 SOURCE CODE: UR/0106/66/000/010/0048/0055

AUTHOR: Kutuzov, S. M.

ORG: none

TITLE: Mutual coupling in a uniform scanned-dipole array. *25E*

SOURCE: Elektrosvyaz', no. 10, 1966, 48-55

TOPIC TAGS: dipole antenna, antenna gain, antenna theory, phased array antenna

ABSTRACT: Formulas for calculating the mutual impedance of a uniform scanned-dipole array are derived, and the dependence of mutual impedance on scan angle, array parameters, and end effects in a finite-length array is determined. For the calculation, an arm length (l) of 1.55 m and a distance between dipoles (d) of 1.5 m were chosen. Calculations were made for wavelengths of 8.33, 5.45, 4.30, 3.33, and 2.77 m at different values of the scan angle. To calculate the resistive and reactive components of the mutual impedance, the array was divided into a near, a central and a far segment; contributions of each segment were added to form the total. The following results were obtained: 1) Mutual coupling among radiating elements increases with increasing scan angle. Input impedance of the elements consequently changes and, therefore,

Cord 1/2

UDC:: 621.396.674.3

1 07830-7
ACC NR: AP6033683

phase shifts occur between the elements and the source. 2) The expression relating mutual impedance of central elements and the scan angle is an even function. 3) The total impedance of central elements varies by a factor of 2--3 for scan angles from 0° to 90°. 4) The mutual impedance changes only slightly for values of $\frac{1}{\lambda}$ and $\frac{4}{\lambda}$ between 0.18 and 0.3, but changes significantly for values between 0.4 and 0.56 as the scan angle is increased. 5) End effects for arrays with a large number of elements are negligible, but must be taken into account for small arrays. Orig. art. has: 9 figures and 10 formulas.

SUB CODE: 09, SUBM DATE: 02Aug65/ ORIG REF: 002/ OTR REF: 005
ATO PRESS: 5101

Card 2/2 bc

L 41043-65 EPF(n)-2/EWT(d)/EWP(1) Pg-4/PK-4/Pl-4/PO-4/PQ-4/PS-4/Pae-2 IJP(c)
WJ/SC

ACCESSION NR: AP5006277

S/0103/65/026/002/0268/0276

AUTHOR: Kutuzov, V. A. (Tomsk); Tarasenko, V. P. (Tomsk)

TITLE: Effect of noise on the operation of variable-parameter step-type extremal systems

SOURCE: Avtomatika i telemekhanika, v. 26, no. 2, 1965, 268-276

TOPIC TAGS: variable parameter control system, extremal control system, steptype control system, automatic control, automatic control design, automatic control system, automatic control theory

ABSTRACT: The effect of normal additive noise at the plant output upon a step-type extremal system under both transient and steady-state conditions is analyzed. An extremal system is considered which makes large step increments when far from the optimum and small steps near the optimum. Also, no information storage (repetition of trial steps and averaging the results) is used with large

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L 41048-65

ACCESSION NR: AP5006277

steps; however, it is used with small steps. Three variants of the extremal system are examined: (1) With a fixed value of the step and with a variable number of trials; (2) With a variable step and a fixed number of trials; (3) With both variable. General equations covering all three systems are set up and investigated with reference to a block diagram comprising the plant, the extremal controller, and a plant-state identifier. The average search time is determined and evaluated for all three systems under the conditions of any signal-to-noise ratio. Also, equations for and a method for calculating the steady-state error are developed. Orig. art. has: 6 figures and 28 formulas.

ASSOCIATION: none

SUBMITTED: 18Apr63

ENCL: 00

SUB CODE: IE, D

NO REF SOV: 006

OTHER: 002

Card 2/2

KUTUZOV, V.

107-5-9/54

AUTHOR: Kutuzov, V.

TITLE: Ultrashort-Wave Amateurs Get Ready for Contest. In Kharkov
(Ul'trakorotkovolnoviki -- k sorevnovaniyam . V Kharkove)

PERIODICAL: Radio, 1956, Nr5, p.9 col. 1 (USSR)

ABSTRACT: V. Kutuzov, Chief of the Kharkov Oblast Radio Club reports:

We began preparations to the contest in January 1956. Our hams are ready to work under field conditions using battery supplies. There are 15 ultrashort-wave stations in private use and 3 owned collectively now; 15 more are expected to take part in the contest. Our goal is that every higher-learning institute, every high school, and every larger enterprise in Kharkov and smaller towns surrounding it have an ultrashort-wave radio station.

AVAILABLE: Library of Congress.

Card 1/1

84-11-24/36

AUTHOR: Kutuzov, V., Zagorul'ko, S. (Stalino)

TITLE: Fighting Rodents with Chemicals from the Air
(Aviakhimicheskaya bor'ba gryzunami)

PERIODICAL: Grazhdanskaya aviatsiya, 1957, Nr 11, p. 31 (USSR)

ABSTRACT: Since 1955, fighting of gophers and other rodents in the Stalino region is conducted from the air. Corn grains poisoned by zinc phosphide were strewn over the fields for some time, but the animals often avoided the poison by eating up the core of the grain without taking the shell. In 1957, corn was replaced by oats soaked in sunflower-seed oil for fragrance. To 80-86 weight parts of oats 4 -5 parts of oil and 10-15 parts of zinc phosphide are added. The proportion of the poison should not exceed 15 parts to avoid blackening of the grain and leaving repulsive odor. A hectare is covered by 3 kg of treated oats.

AVAILABLE: Library of Congress

Card 1/1

KUTUZOV, V.

Patent procedure for foreign inventions in Great Britain. Vnesh.
torg. 42 no.12:31-32 '62. (MIRA 15:12)
(Great Britain--Patent laws and legislation)

24(5)

307/10-11-47/16

AUTHOR: Kuznetsov, V. A.

TITLE: Paramagnetic Absorption in Parallel Fields on the Frequency of $9.3 \cdot 10^9$ Cycles in the Salts $\text{Fe}(\text{NH}_4)(\text{SO}_4)_2 \cdot 12 \text{H}_2\text{O}$ and $\text{Fe}(\text{NO}_3)_3 \cdot 9 \text{H}_2\text{O}$ (Paramagnitnoye poygloshcheniye v parallel'nykh pol'yakh na chastote $9.3 \cdot 10^9$ gts v soleyakh $\text{Fe}(\text{NH}_4)(\text{SO}_4)_2 \cdot 12 \text{H}_2\text{O}$ i $\text{Fe}(\text{NO}_3)_3 \cdot 9 \text{H}_2\text{O}$)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 35, Nr 5, pp 1304-1304 (USSR)

ABSTRACT: Reference is first made to various earlier papers dealing with this subject. The present paper deals with the results obtained by measuring the above mentioned paramagnetic resonance. Measurements were carried out with pulverulent salts at 295°K by means of a radiospectroscope. The absorption curves $\chi''(H)$ have the following maxima: For $\text{Fe}(\text{NH}_4)(\text{SO}_4)_2 \cdot 12 \text{H}_2\text{O}$ at a constant field strength of 1600 Gs and for $\text{Fe}(\text{NO}_3)_3 \cdot 9 \text{H}_2\text{O}$ at a constant field strength of 2600 Gs.

Card 1/2 In order to be able to explain the shape of the absorption

paramagnetic Absorption in Parallel Fields on the Frequency of ^{SON/56-33-5-47/56} 9.3.10⁹
Cycles in the Salts $\text{Fe}(\text{NH}_4)(\text{SO}_4)_2 \cdot 12 \text{H}_2\text{O}$ and $\text{Fe}(\text{NO}_3)_3 \cdot 9 \text{H}_2\text{O}$

curves found, a further development of the spin-spin relaxation theory will probably be necessary. The present work was carried out at the suggestion and under the supervision of K. I. Sitnikov. There are 1 figure and 5 references, 4 of which are Soviet.

ASSOCIATION: Kazanskii gosudarstvennyi universitet
(Kazan' State University)

SUBMITTED: July 9, 1958

Card 2/2

S/058/61/000/010/043/100
AC01/A101

AUTHOR: Kutuzov, V.A.

TITLE: Investigation of paramagnetic absorption in solid solutions of $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$

PERIODICAL: Referativnyy zhurnal, Fizika, no.10, 1961, 163, abstract 10V353 (V sb. "Paramagnitn. rezonans", Kazan', Kazansk. un-t, 1960, 123-125)

TEXT: The author presents the curves of dependence of electronic paramagnetic resonance absorption on constant external field, perpendicular and parallel to the high-frequency field, at a frequency of 9.3kMc in the $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$ salt; the salt was used undiluted with $\text{MgCl}_2 \cdot 4\text{H}_2\text{O}$ at ratios Mn:Mg being: 7:3; 5:5; 3:7 and 1:9. In parallel fields absorption decreases monotonously with field increase. In perpendicular fields the curves have one maximum with factor $g=2$. The shape of the curves is described by Shaposhnikov's theory ("Zh. eksperm. i teor. fiz.", 1948, v. 18, 533).

M. Meyl'man

[Abstracter's note: Complete translation]

Card 1/1

8/048/63/027/001/027/043
B125/B102

AUTHOR: Kutuzov, V. A.

TITLE: Paramagnetic absorption in parallel fields in potassium chromoalum and in Tutton manganese salt

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 27, no. 1, 1963, 81 - 82

TEXT: Formula
$$\frac{\chi'}{\chi_0} = \frac{F\tau_s\omega}{1 + \tau_s^2\omega^2} + \frac{1 + [2(1-F) - F^2]\tau_s^2\omega^2 + (1-F)^2\tau_s^4\omega^4}{(1 + \tau_s^2\omega^2)^2} \tau_s\omega \quad (1)$$

of Shaposhnikov for the paramagnetic absorption in parallel fields with consideration of the spin-lattice and the spin-spin relaxation was verified on $\text{Mn}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ at 40 - 90 Mc and on $\text{CrK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ at 90 - 200 Mc at room temperature, as well as at 77°K and 90°K. In this case.

$F = H^2 / ((b/c) + H^2)$, χ_0 is the static susceptibility per unit mass, b is the specific heat, c is the Curie constant, τ_s is the spin-lattice relaxation

Card 1/2

Paramagnetic absorption in ...

S/048/63/027/001/027/043
B125/B102

tion time, and T_g is the spin-spin relaxation time. The values determined experimentally from the change of the χ factor of the oscillation circuit and those calculated according to (1) from τ_g , τ_s and b/c are in good agreement. The absorption curves $\chi'/\chi_0 = f(H)$ are the sum of the absorptions due to spin-spin relaxation and cross relaxation. At 77°K and at 90°K and at different frequencies (10 to 50 Mc) the curves for $Mn(NH_4)(SO_4)_2 \cdot 6H_2O$ have symmetric maxima at ~2700 oe. On heating to 90°K the maximum at 77°K, at ~300 oe for $CrK(SO_4)_2 \cdot 12H_2O$ is shifted toward higher field strengths. Also the shape of the curve changes as a result of the increasing spin-lattice relaxation. The absorption at room temperature in $Mn(NH_4)(SO_4)_2 \cdot 6H_2O$ at 30 Mc is due to the spin-lattice relaxation, spin-spin relaxation and cross relaxation. There is 1 figure.

ASSOCIATION: Kazanskiy gos. universitet im. V. I. Ul'yanova-Lenina (Kazan' State University imeni V. I. Ul'yanov-Lenin)

Card 2/2

KUTUZOV, V.A. (Tomsk); TARASENKO, V.P. (Tomsk)

Effect of interference on the operation of step-by-step optimallizing
control systems with variable parameters. Avtom. i telemek. 26
no.2:268-276 F '65. (MIRA 18:4)

MORRIS, Dzhordzh [Morris, George], zhurnal'ist; IVANOV, Yu.I. [translator];
KUTUZOV, V.I., red.; GOLICHENKOVA, A.A., tekhn. red.

[Through the eyes of an American] Glazami amerikantsa. Moskva,
Izd-vo VTsSPS Profizdat, 1960. 84 p. (MIRA 14:10)
(Russia—Economic conditions) (Trade unions)
(United States—Economic conditions)

SALOMAA, Erkki; YERSHOV, N.P. [translator]; KUTUZOV, V.I., red.;
GOLICHENKOVA, A.A., tekhn.red.

[Concise study on the history of the trade-union movement in
Finland] Kratkii ocherk istorii profsoliuznogo dvizheniia
v Finliandii. Moskva, Izd-vo VTsSPS Profizdat, 1960. 102 p.
Translated from the Finnish. (MIRA 14:3)
(Finland--Trade unions)

ALTAYEV, Boris Yekovlevich; LOMOV, Konstantin Fedorovich; KUFUZOV, V.I.,
red.; STUDENETSKAYA, V.A., tekhn.red.

[New developments in the labor movement of Canada] Novoe v rabochem
dvizhenii Kanady. Moskva, Izd-vo VTsSPS Profizdat, 1960. 102 p.
(MIRA 13:12)

(Canada--Labor and laboring classes)

SAYYAN, Lui [Saillant, Louis]; ARKADAKSKIY, Yu.A., red.; KUTUZOV, V.I., red.; SHADRINA, N.D., tekhn.red.

[The World Federation of Trade Unions in the service of the workers of all countries] Vsemirnaia federatsiia profsoiuzov na sluzhbe trudiashchikhsia vsekh stran. Moskva, Izd-vo VTsSPS Profizdat, 1960. 149 p. (MIRA 14:6)

1. General'nyy sekretar' Vsemirnoy federatsii profsoyuzov (for Sayyan).

(World Federation of Trade Unions)

KUTUZOV, V.

Assembly of the working people of the world, Sov.gshakht,
10 no.9:40 S '61. (MIRA 14:8)

1. Zaveduyushchiy mezhdunarodnym otделom Tsentral'nogo komiteta
profsoyuza rabochikh ugol'noy promyshlennosti.
(Trade unions—Congresses)

D'YAKOV, V.I., inzh.; KUTUZOV, V.Ye., tekhnik

Transformer type electric soldering tool. Vest.elektroprom. 31
no.6:73-74 Jo '60. (MIRA 13:7)
(Solder and soldering)

24.6610

S/058/62/000/007/012/068
A061/A101

AUTHORS: Kutuzova, G. B., Vyglane, Kh. Kh.

TITLE: A unified equation for bosons and fermions

PERIODICAL: Referativnyy zhurnal, Fizika, no. 7, 1962, 36, abstract 7A318
("Tr. In-ta fiz. i astron. AN EstSSR", 1961, no. 16, 81 - 89;
English summary)

TEXT: A first-order equation is presented which, depending on the characteristics of wave function transformation, may describe both bosons and fermions. In the case of fermions, the equation obtained decomposes into four Dirac equations, while in the case of bosons it decomposes into two eight-component equations. In the case where the boson momentum differs from zero, it is found impossible simultaneously to determine accurately the boson energy, the spin projection, and the absolute spin value. It is solely possible to determine either the spin projection and the absolute spin value, or the spin projection and the energy. The boson energy operator is found to have also negative eigenvalues. With the operation of charge conjugation it is possible to pass from states with

Card 1/2

A unified equation for bosons and fermions

S/058/02/000/007/012/068
A061/A101

negative energy to such with positive energy, but having an opposite sign of charge.

/c

[Abstracter's note: Complete translation]

Card 2/2

YYGLANE, Kh. [Õiglane, H.]; KUTUZOVA, G. B

Equation for a boson doublet. Zhur. eksp. i teor. fiz. 40
no. 3: 780-781 Mr '61. (MIRA 14:8)

1. Institut fiziki i astronomii Akademii nauk Estonskoy SSR.
(Particles (Nuclear physics)) (Differential equations)

24(7)

AUTHORS:

Batalov, M. M., Vinogradova, A. K., Ivantsov, L. L., Kutazova, G. N., Mandel'shtam, S. L.

TITLE:

A Photoelectric Stylometer With Visual Control of the Position of Invisible Lines of the Spectrum

PERIODICAL:

Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959, Vol 23, Nr 9, pp 1110 - 1112 (USSR)

ABSTRACT:

By replacing the glass-dispersion optical system by a quartz- (Fig 1) or diffraction optical system (Fig 2), the range of applicability of the FES-1-type stylometer may be considerably extended, especially if, by means of an electron-optical converter, the invisible lines of the spectrum may be detected. Two variants of the type FES were developed and tested by the authors: the converter operates with an antimony-caesium-cathode; the device has an uv-transmissive window, so that a visual observation of the spectrum within the wave length range of 6000-2400 Å is possible. Figures 1 and 2 show the course of rays in these two instruments, in which the shifting of the spectrum with respect to the outlet slit is brought about by rotating the dispersion system. The line intensity of these

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A Photoelectric Stylometer With Visual Control of the Position of Invisible Lines of the Spectrum 207/46-23-9-26/57

Instrument is comparable to that of instruments, the spectrum of which has a length of 200-300 Å. Next, investigation of the lines by means of the electron-optical converter is described, and for both instruments a survey of the principal characteristic features is given. The focal distances of the mirror objectives of the collimator are 600 and 750 mm respectively, the refraction angle (quartz prism) in one of the instruments is 60°, whereas the diffraction grating of the other has 600 grating lines per millimeter. The electron-optical arrangement makes it possible to observe the fine details of complicated spectra, especially of iron, and this device is said to have a great future. There are 2 figures.

Card 2/2

KUTUZOVA, L.I.

Separation of the appendix vermiformis caused by a blunt wound.
Khirurgia Supplement:39-40 '57. (MIRA 11:4)

1. Iz Voroshilovskoy gorodskoy bol'nitsy.
(APPENDIX (ANATOMY)—WOUNDS AND INJURIES)

BIRYUKOV, I.P.; KUTUZOVA, L.I.

Over-all mechanization of the painting shop at the Moscow
Manometer Plant. Priborostroenie no.9:24-25 S '62.
(MIRA 15:9)
(Painting, Industrial)

BOGDANOV, O.S., doktor tekhn. nauk, prof., otv. red.; BRAND, V.Yu.,
kand. tekhn. nauk, red.; DEKACH, V.G., doktor tekhn. nauk,
red.; ZAKHVATKIN, V.K., red.; OLEVSKIY, V.A., kand. tekhn.
nauk, red.; LOKONOV, M.F., kand. tekhn. nauk, red.; POLNEK,
A.K., kand. tekhn. nauk, red.; TUSEYEV, A.A., red.;
FINKEL'SHTEYN, G.A., kand. tekhn. nauk, red.; FOMIN, Ya.I.,
kand. tekhn. nauk, red.; CHEKNOBROV, S.M., kand. tekhn. nauk,
red.; KUTUZOVA, L.M., red.

[Transactions of the Fourth Scientific Technological Session
of the Scientific Research Institute for Mechanical Concentra-
tion of Minerals] Trudy IV nauchno-tekhnicheskoi sessii insti-
tuta MEKHANOMK. Leningrad, 1961. 665 p. (MIRA 17:5)

1. Leningrad. Nauchno-issledovatel'skiy i proyektnyy institut
mekhanicheskoy obrabotki poleznykh iskopayemykh.

KUTUZOVA, L. S.

USSR/Miscellaneous - Training methods

Card : 1/1

Authors : Kutuzova, L. S.

Title : Scientific - methodical preparation of philosophy teachers

Periodical : Vest. AN SSSR, 24, Ed. 5, 63 - 65, May, 1954

Abstract : Describes a scientific methodical conference of the chair of the theory of supervision for preparing scientific cadres for the Acad. of Scs. of the USSR.

Institution : ...

Submitted : ...

KUTUZOVA, L.S., mladshiy nauchnyy sotrudnik

Basic methods of the research on social phenomena. Trudy
MIIT no.223:108-126 '65. (MIRA 18:11)

VEKSLER, Yu.F., kand.ekonomicheskikh nauk; OBUKHOVSKIY, V.M., kand.
ekonomicheskikh nauk; Prinsipali uchastiye: KUTUZOVA, N.,
KHOMAYUN, Kh.

Size of state vegetable-potato farms in Moscow Province.
Izv. TSKHA no.3:185-197 '62. (MIRA 15:9)

1. Sotrudniki Laboratorii ekonomicheskikh issledovaniy
Timiryazevskoy sel'skokhozyaystvennoy akademii (for Kutuzova,
Khomayun).

(Moscow Province—State farms)
(Moscow Province—Vegetable gardening)

Abstract, p. 1.

Prok, Ya. M. and Kutukova, N. I.--"On the electrical conductivity of the crystalline ionic cavity," Journal of Nuclear Energy, Part A, vol. 10, no. 1, 1964, pp. 1-10.

10: 10:04, 10 April 1964, (Isotope Journal English Edition, no. 1, 1964)

TRON, Ye.Zh., prof.; BROUN, R.G.; KUTUZOVA, N.I.; ROMANOVA-LOKHON, O.A.;
TARTAKOVSKAYA, R.E.

Permeability of the crystalline lens and its capsule. Vop. klin.
1 eksp. oft. no.2:17-66 '59. (MIRA 14:11)
(CRYSTALLINE LENS)

KUTUZOVA, N.K.

Renal complications in the treatment of syphilis with bismuth preparations. Vest. vener., Moskva No.1:53 Jan-Feb 52. (CML 21:4)

1. Of the Clinic of Skin-Venereal Diseases of Kazan' Medical Institute.

RUNYANTSEV, Aleksey Matveyevich; KUDRYAVTSEV, S.P., red.;
KUTUZOVA, N.N., red.; MAMLIN, A.N., mlad. red.

[Categories and laws of political economy of a communist formation; a methodology essay] O kategoriiskh i zakonakh politicheskoi ekonomii kommunisticheskoi formatsii; metodologicheskii ocherk. Moskva, Mysl', 1965.
389 p. (MIRA 18:7)

L 22457-65 BKT/EED-2/ENT(d)/ENP(1) PG-4/PK-4/PO-4/PQ-4 LJP(G) GG/BB
ACCESSION NR: AP5000887 S/0315/C4/000/009/0015/0019

AUTHOR: Kutuzova, N.V.; Shchegolev, L.P.

TITLE: High-speed information system with feedback

SOURCE: Nauchno-tekhnicheskaya informatsiya, no. 9, 1964, 15-19

TOPIC TAGS: automatic information processing, information system, feedback,
punched card, bibliographic information

ABSTRACT: The authors consider the possibility of creating an information system which assures the discharge of a basic flow of information to a user in concise terms, as well as a reliable feedback from the user to the information system, and also provides for obtaining copies of publications as required. The presence of feedback makes it possible to take into account user interest in materials in terms of specific subject matter and specific format of the material. The lack of feedback has an adverse effect on the operation of large-scale information centers like VINITI and may lead to a leveling off of information communication. Descriptions are given of an experiment on the preparation of an express bibliographic bulletin for rapid reporting of publications received by VINITI. The bulletin, containing complete bibliographic descriptions of publications and an occasional translation of titles may be issued 10-20 days after the receipt of a journal

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L 22457-65

ACCESSION NR: AP5000887

at VINITI. Descriptions in the bulletin are arranged in accordance with RZh subject codes. Bibliographic descriptions are placed on 80-column punchedcards, columns 39-80 being used for code symbols (RZh subject codes and publication code) and columns 1-38 for text description (typewritten from the left side of the card with a conventional typewriter). Formal characteristics are applied to the publication on the basis of a code. The code is expressed in number of letter symbols. To produce a rapid bibliographic bulletin, a complex of computer-perforation machines and an electrographic system are used. Ten-day issuance of such a bulletin with 1000-1500 reports can be accomplished 5-6 days after punched-card build-up is finished. Orig. art. has: 6 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 23Mar64

ENCL: 00

SUB CODE: DP

NO REF SOV: 000

OTHER: 000

Card 2/2

L 39716-56 ENP(j)/ENT(m)/I IJP(c) RM/EN/CP-2

ACC NR: AP6007963

(N)

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ORG: none

TITLE: Polyamide prepared from decanedicarboxylic acid and hexamethylenediamine

SOURCE: Plasticheskiye massy, no. 3, 1966, 20-21

TOPIC TAGS: polyamide, organic synthetic process, impact strength, absorption coefficient, dielectric permeability, tensile strength, bonding strength, specific density

ABSTRACT: The authors studied the synthesis and properties of the polyamide PDG obtained by a reaction of decanedicarboxylic acid with hexamethylenediamide. Polymerization was performed at 260C. By the common industrial method the reagents formed a salt that melted at 182-184C. Synthesized PDG melted at 218-221C, contained < 1.5% of monomer or low-molecular-weight products, and a 0.5% solution of PDG in "tricresol" had a specific viscosity of 0.7-0.8. The thermomechanical curve of PDG is a typical curve of crystalline compounds (Fig. 1). The physicochemical properties of PDG, determined on samples molded at 250C and then at 35-40C and conditioned for 3 days in a 65% relative humidity atmosphere at 20-22C, are tabulated below:

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Properties	PDG	Resin no. 68
Density, g/cm ³	1.09	1.10
Impact strength, kg·cm/cm ²	110-120	110-120
Strength, kg/cm ²		
bending	860-920	800-900
tensile	450-500	450-500
Water absorption, %		
1 hour boiling	0.45-0.6	1.0
maximal	~2	~3
ρ_s , ohm	$6.3 \cdot 10^{15}$	$4.6 \cdot 10^{14}$
ρ_s , ohm · cm	$2.5 \cdot 10^{15}$	$7.1 \cdot 10^{14}$
τ_g at 10^6 cps	0.016	0.03
Dielectric permeability	3.9	4.2

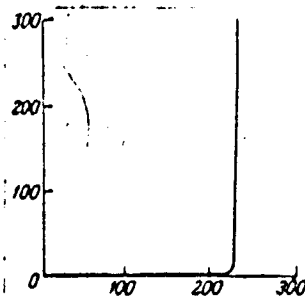


Fig. 1

Decanedicarboxylic acid was prepared by L.I. Zakharkin and V.V. Korneva. Orig. art. has: 1 fig. and 1 table.

SUB CODE: 07,20/ SUBM DATE: none/ ORIG REF: 004/ OTH REF: 001

Card 2/2 *gd*