

KOVAN'KO, G.H.

Interrelation of needs and abilities in the creative activity of
production innovators. Uch.zap.LGU no.265:145-153 '59.
(MIRA 12:6)

(Iastov, Petr Gerasimovich, 1910-)
(Ershov, Viktor Grigor'evich, 1916-)
(Psychology, Industrial)

KOVAN'KO, G.N.

Fiftieth anniversary of the discovery of X-ray diffraction in
crystals; correspondence between G.V.Vul'f and U.L.Brëgg. Zap.
Vses.min.ob-va 91 no.6:726-730 '62. (MIRA 16:2)
(X-ray crystallography)

1. KUKANOV, V. M., KOVAN'KO, N. D.
2. USSR (600)
4. Krasnokamsk Region - Halogens
7. Hydrogeological characteristics and the supply of iodine-bromine waters of the Paleozoic in the Krasnokamsk region (Molotov Province) as raw materials for the chemical industry. [Abstract]. Izv. Glav. upr. geol. fon. no.3 1947

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

KOVAN'KO, N.D.

KOVAN'KO, N.D.

Lower Permian deposits in the eastern part of the Russian Platform,
Trudy MNI no.19:54-112 '57. (MIRA 11:1)
(Russian Platform--Geology, Stratigraphic)

KOVAN'KO, N.D.

Geology and gas potential of the southeastern part of the Russian
Platform. Trudy VNIIGAZ no.16/24:3-55 62. (MIRA 15:8)
(Kuybyshev Province--Gas, Natural--Geology)
(Orenburg Province--Gas, Natural--Geology)

IVANCHENKO, A.M.; KOVAN'KO, N.M.; KOSOL', G.S.

Unit for measuring the de-excitation time of scintillators.

Izv. tekhn. no.4:51-52 Ap '65.

(MIRA 18:7)

OMEL'CHENKO, S.I.; VIDENINA, N.G.; BELAYA, E.S.; LINOK, S.V.; KOVAN'KO, S.K.;
NEPOMNYASHCHAYA, I.R.

Obtaining epoxy resins with the method of direct epoxidation of
unsaturated polymers and their use as film-forming agents.
Lakokras.mat.i ikh prim. no.6:15-19 '62. (MIRA 16:1)
(Epoxy resins)

CHENDEL'MAN, Ye.A., inzh.; KOVAN'KO, Yu.K., inzh.

New wooden single-pole 35 kv. power line supports. Elek. stat.
35 no.1:88-89 Ja '64. (MIRA 17:6)

KOVAN'KOVSKIY, P L

KOVAN'KOVSKIY, P L

FINANSY SSSR POSLE VTOROY MIROVOY VOYNY (FINANCES OF THE USSR AFTER THE SECOND
WORLD WAR) MYNKHEN, 1954. 76 P. (INSTITUT PO IZUCHENIYU ISTORII I KUL'TURY SSSR.
SERIYA 2, NO. 16) RESUMES IN ENGLISH, FRENCH AND GERMAN.

N/5
771
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KOVAN'KOVSKIY, P. L.

N/5
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BYUDZHET SSSR (ISTORIKO-KRITICHESKIY OBZOR) (THE BUDGET OF THE USSR (A BRIEF HISTORICAL CRITICISM)) MYUNKHEN, 1956. 151 p. PORT., TABLES (INSTITUT PO IZUCHENIYU ISTORII I KUL'TURY SSSR. ISSLEDOVANIYA I MATERIALY, SER. I-YA, VYP. 33) SUMMARIES IN ENGLISH, GERMAN AND FRENCH. BIBLIOGRAPHICAL FOOTNOTES.

UVAROVA, V.M.; SUKHODREV, N.K.; PANKOVA, A.A.; SHPOL'SKIY, M.R.;
KOVANOVA, A.N.

New photographic materials of the Motion Picture and Photography
Scientific Research Institute for spectrum analysis in the
region of short-wave ultraviolet radiation. Izv. AN SSSR. Ser.
fiz. 26 no.7:967-968 J1 '62. (MIRA 15:8)
(Photographic emulsions) (Spectrum analysis)

KOVANOV, K.V.

Lymphatic system as a regular of blood pressure. Tr. Vsesoiuz. obsh.
fiziol. no. 1:52-54 1952. (CIME 24:1)

1. Delivered 15 May 1950, Ufa.

KOVANOV, K.V.

Center of the lymphatic vessels. Trudy Vses.ob-va fiziol.biokhim. i
farm. 2:77-80 '54. (MIRA 8:7)

1. Kafedra normal'noy fiziologii Bashkirskogo meditsinskogo insti-
tuta.

(BLOOD PRESSURE, physiology,
eff. of lymphatic vessel center stimulation)

(LYMPHATIC VESSELS, physiology,
eff. of stimulation on blood pressure)

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

1ST AND 4TH ORDERS

COMMON ELEMENTS

COMMON VARIABLES INDEX

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

RECORD #

(GROUP) REF. ORG. CITE

CLASSIFICATION

SERIALS ONE ONE ONE

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

KOVANOV, V. V.

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The motor function of the intestinal tract during narcosis. (Hexenal, avertin, ether.) V. V. Kovanov. *Khirurgiya* 1941, No. 1, 83-9.---Expts: on rabbits have led to following results: Normal hexenal or ether narcosis causes no visible change in the tonus of the intestinal tract. Avertin narcosis increases the tonus; the peristaltic wave is irregular, arrhythmic and decreased in amplitude. Av. height of the contractions in hexenal and ether narcosis remains unchanged after narcosis. Ether narcosis produced a second time in the same animal increases the tonus. The amplitude in ether narcosis drops to 1/2-1/3 its original value during sleep; during other periods it is slightly increased. Hexenal and avertin decrease the amplitude immediately after administration, and during the sleep stage it becomes zero. Curare given previously does not affect the action of hexenal on the intestine. Narcotic doses of hexenal and of avertin do not affect the blood pressure on slow intravenous injection. Ether has no effect on blood pressure. C. S. Shapiro

KOVANOV, V.V. Prof. Burdenko's Dept of Surgery, University of Moscow
The permeability of the hemato-encephalic barrier to penicillin under normal and pathological conditions.
Khirurgiya 1947, 1 (12-18)

Burdenko has developed a method for intra arterial injection into the carotid arteries of sulfonamides, for the treatment of intra cerebral infections following injuries to the head. Experiments by Paramonov demonstrated that the introduction of a ten percent solution of sulphidine (0.3 Gm per kg body-weight) into the carotid artery results in a concentration of 28 mgm per cent of the sulphidine in the blood of the brain vessels and a concentration of 20 mgm per cent in the cerebrospinal fluid. When the drug is given intravenously, the concentration in the blood is only 5 mgm per cent and in the CSF 2 mgm per cent. Burdenko gave penicillin by this route to patients suffering from meningitis, meningo-encephalitis, cerebral abscesses, etc. following cerebral injuries. The penicillin was given in doses of 10,000U into the carotid artery each day, 4000U being given intramuscularly at the same time. Kornianaky, in 16 patients treated in this way, had only two deaths. The others recovered completely and permanently. Yegorov in Moscow was able, by the introduction of the intracarotid method, to lower the percentage of deaths from infected carnial injuries from 37.5% to 12.4%

In order to ascertain the dose of penicillin that was optimal for this purpose, experiments were carried out on dogs. Eight dogs were given doses of penicillin varying from 10,000 to 100,000U. It was found that with intra-arterial doses ranging from 10,000 to 30,000U the penicillin concentration in the CSF was only 0.2 to 0.4 U, while at the same time the concentration in the venous blood was 6 to 12 U. With doses of 60,000 to 100,000 U the CSF concentrations of penicillin rose to 1.6 - 3 U. Thus, the hemoencephalic barrier of these normal dogs was impassable for much of the penicillin. The blood

OVER

KOVANOV, V. V.

36789 G rol'i kafedr topograficheskoy anatomii v svete zadach stoyashchikh
pered sovetskimi zdravookhraneniem. Khirurgiya. 1949, No. 11, S. 7-10

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

KOVANOV, V.V.; LUBOTSKIY, D.N.

N.I.Pirogov, great Russian clinician and experimenter. Klin.
med., Moskva 28 no.12:5-14 Dec 50. (CIML 20:5)

1. Of the Department of Operative Surgery and Topographical Anatomy (Head--Prof.V.V.Kovanov), First Moscow Order of Lenin Medical Institute, Moscow.

KOVANOV, V. V.

"Scientific Research Work by Students in Medical Institutes"

Klinicheskaya Meditsina, Vol 29, No 6, 1951

CTS 35, p69

CTS 38, p73

KOVANOV, V.V.

SKLIFOSOVSKIY, Nikolay Vasil'yevich, 1836-1904; KOVANOV, V.V., professor.

[Selected works] Izbrannye trudy. Vvodnaia stat'ia i primechaniia V.V.
Kovanova. Moskva, Medgiz, 1953. 430 p. (MLRA 6:8)
(Surgery)

KOVANOV V.V.

PIROGOV, Nikolay Ivanovich, 1810-1881; KOVANOV, V.V.; LUBOTSKIY, D.N.

[Selected tables on topographical anatomy] Izbrannye tablitsy po
topograficheskoi anatomii. Sostaviteli: V.V.Kovanov, D.N.Lubotskii.
Moskva, Meduchposobie, 1953 (MLRA 7:11)
(Anatomy, Human--Atlases)

KOVANOV, V.V.

POKROVSKIY, G.A.; KOVANOV, V.V., professor, zaveduyushchiy.

150th anniversary of the birth of F.I. Inozemtsev, professor at Moscow University. Klin.med. 34 no.4:87-92 Ap '53. (MIRA 6:7)

1. Kafedra topograficheskoy anatomii i operativnoy khirurgii I Moskovskogo ordena Lenina meditsinskogo instituta.
(Inozemtsev, Fedor Ivanovich, 1802-)

KOVANOV, V.V., professor

From Moscow to London. Zdorov'e 2 no.3:20-22 Mr '56 (MIRA 9:6)

(GREAT BRITAIN--DESCRIPTION AND TRAVEL)

KOVANOV, V.V., professor; BOGOMOLOVA, L.G., doktor meditsinskikh nauk

Certain impressions from our trip to England. Vest.khir. 77 no.5:
116-123 My '56. (MLRA 9:8)
(SURGERY,
in Gt.Brit. (Rus))

KOVANOV
KUZ'MIN, M.K., kandidat meditsinskikh nauk, assistant; KOVANOV, V.V., professor,
redaktor; ZAKHAROVA, A.I., tekhnicheskiy redaktor

[The I.M. Sechenov First Moscow Medical Institute; short manual]
Perviy Moskovskiy ordena Lenina meditsinskiy institut imeni I.M.
Sechenova; raschetnyy spravochnik. Pod red. V.V. Kovanova. Moskva,
Gos. izd-vo med. lit-ry, 1957. (MIRA 10:10)

1. Moscow, Pervyy Moskovskiy meditsinskiy institut. 2. Kafedra
istorii meditsiny, I Moskovskogo ordena Lenina meditsinskogo insti-
tuta imeni I.M. Sechenova (for Kuz'min)
(MOSCOW--MEDICAL COLLEGES)

KOVANOV, Vladimir Vasil'yevich; ANIKINA, Tamara Ivanovna

[History of the Department of operative surgery and topographic anatomy at Moscow University and the I.M.Sechenov Medical Institute at Moscow, 1755-1955] Istorii kafedry operativnoi khirurgii i topograficheskoi anatomii i Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova, 1755-1955. Moskva, Medgiz, 1957. 330 p.

(MIRA 12:2)

(MOSCOW--SURGERY--STUDY AND TEACHING)

KOVANOV, V.V.

A great surgeon and experimenter. Eksp. khir. 2 no.1:3-7

Ja-F '57

(MLRA 10:4)

(PIROGOV, NIKOLAI IVANOVICH, 1810-1881)

EXCERPTA MEDICA Sec.9 Vol.11/5 Surgery May 1957
KOVANOV V.V.

2728. KOVANOV V.V. Sch. of Operational Surg. and Topograph. Anat., First
Moscow Order of Lenin Med. Inst. * Mechanical and hand suture of
blood vessels BRIT. MED. J. 1956, 4974 (1003-1005)
Technical achievements and methods of blood vessel anastomosis are reviewed.
In addition, a new method of end-to-end blood vessel anastomosis is presented.
This comprises the use of a mechanical apparatus by which the anastomosis is
accomplished by means of fine tantalum clips. Removable bushes from 1.3 to 15
mm., to suit various sizes of vessels, are utilized. The advantages are rapidity,
better inoculation of the vessel ends and placement of the suture material outside
the lumen. The method has proved satisfactory in extensive animal experiments.
It has been used in 23 operations for aneurysm with 18 good and 5 satisfactory

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CONT.

results. Apparatus also exists for end-to-side and lateral anastomosis. A new method of manually suturing blood vessels is also described. It is a modification of the circular invaginating suture.
Yeager - Baltimore, Md.

USSR / Human and Animal Morphology (Normal and Patho- S-5
logical). Blood-Vascular System. Vessels.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79138.

Author : ~~Kovanov, V. V.~~
Inst : Not given.
Title : Collateral Blood Circulation in Systems of the
Large Arteries.

Orig Pub: Khirurgiya, 1957; No 10, 63-71.

Abstract: By methods of arterioentgenography and stereo-
roentgenography with subsequent micro-dissec-
tion, the collaterals in the systems of epig-
astric popliteal, carotid and subclavian art-
eries were studied in human corpses, by expos-
ing the connections between the systems of the
separate vessels and the interior of these sys-
tems. The degree of the participation of the

Card 1/3

USSR / Human and Animal Morphology (Normal and Patho- S-5
logical). Blood-Vascular System. Vessels.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79138.

Abstract: main trunks and their larger branches in the com-
pensatory processes was studied by means of a
divided ligature of the vessels at different
levels, with subsequent introduction of masses
injected above the place where the ligature had
been put. In all of the arterial systems stud-
ied there were well-developed collaterals, anat-
omically sufficient for compensation of the im-
pairment of blood circulation. The greatest
number of collaterals appeared in the muscles,
in the subcutaneous cellular tissue and in the
mass of the organs; anastomoses located around
the vessel and nerves, inside the skin and in
the dense connective tissue are of lesser conse-
quence. Comparison of the anatomical data with

Card 2/3

KOVANOV, V.V.

International Congresses of Angiologists in the U.S.A. Eksper.khir
3 no.4:54-58 J1-Ag '58 (MIRA 11:9)
(ATLANTIC CITY, N.J.--CARDIOLOGY--CONGRESSES)
(UNITED STATES--MEDICINE)

KOVANOV, V.V., prof.

The fascia and cellular spaces of the extremities and their significance.
Khirurgia 34 no.5:94-101 My '58 (MIRA 11:7)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii
(zav. - prof. V.V. Kovanov) I Moskovskogo ordena Lenina meditsinskogo
instituta imeni I.M. Sechenova.

(EXTREMITIES,

fascia & cellular spaces of extremities, physiol.
importance (Rus))

KOVANOV, V.V.

"La chirurgie plastique experimentale des vaissaux."

report presented at the 18th Congress of the Intl Society of Surgery, Munich, 13-20 Sep '55

KOVANOV, V.V., prof.

People who save hearts. Zdorov'ie 6 no.6:7-8 Je '60.

(MIRA 13:7)

1. Chlen-korrespondent AMN SSSR.
(HEART--SURGERY)

KOVANOV, V.V., prof. (Moskva)

Urgent tasks in medical education. Klin.med. 38 no.8:21-23
Ag '60. (MIRA 13:11)

1. Iz Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.
Sechenova (dir. - chlen-korrespondent AMN SSSR prof. V.V. Kovanov).
(MEDICINE--STUDY AND TEACHING)

KOVANOV, V.V.; ANIKINA, T.I.

Some features of the structure of the fasciae and cellular spaces in man. Arkh. anat. gist. embr. 39 no. 10:14-23 0 '60.

(MIRA 14:2)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. V.V. Kovanov) i Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova. Adres avtora: Moskva, ul. Chkalova, 14/16, kv. 158.

(FASCIAE (ANATOMY)) (CONNECTIVE TISSUES)

KOVANOV, Vladimir Vasil'yevich; ANIKINA, Tamara Ivanovna; BOMASH,
Yu.M., red.; BUL'DYAYEV, N.A., tekhn. red.

[Surgical anatomy of the fasciae and fascial spaces in man]
Khirurgicheskaya anatomia fastsi i kletchatochnykh pro-
stranstv cheloveka. Moskva, Medgiz, 1961. 209 p.
(MIRA 15:3)

(FASCIAE (ANATOMY))
(ANATOMY, SURGICAL AND TOPOGRAPHICAL)

KOVANOV, V.V. (Moskva)

N.V.Sklifosovskii as scientist and pedagogue. Zdrav. Ros. Feder.
5 no.9:28-32 S '61. (MIRA 14:9)
(SKLIFOSOVSKII, NIKOLAI VASIL'EVICH, 1836-1904)

KOVANOV, V.V.; KONST/NTINOV, B.A.

Experimental studies on hypothermia, cavo-pulmonary anastomosis
and extracorporeal circulation in open heart surgery. Eksp.khir.
i anest. 6 no.1:12-18 '61. (MIRA 14:10)
(HEART--SURGERY) (HYPOTHERMIA)

KOVANOV, V.V.

Anesthesia in operations on the large vessels of the thoracic
cavity. Eksp.khir.i anest. 6 no.3:43-46 '61. (MIRA 14:10)
(CHEST—SURGERY) (ANESTHESIA)

TIMAKOV, V.D.; LETAVET, A.A.; KOVANOV, V.V.

All in the name of mankind, for the good of mankind! Zdorov'e 7
no.9:2-4 S '61. (MIRA 14:9)

1. Vitse-prezident Akademii meditsinskikh nauk SSSR (for Timakov).
2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Letavet).
3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Kovanov).
(MEDICINE)

KOVANOV, V.V., prof.

Soviet medical personnel in Indonesia. Zdorov'e 7 no.11:25 N '61.
(MIRA 14:11)

1. Chlen-korrespondent AMN SSSR.
(INDONESIA--PUBLIC HEALTH)

KOVANOV, V.V., prof. (Moskva)

Education and training of medical personnel. Sov. zdrav. 20 no.10:
18-22 '61. (MIRA 14:9)
(MEDICINE--STUDY AND TEACHING)

KOVANOV, V.V., prof. (Moskva)

Our friend Indonesia. Sov. zdrav. 20 no.11:50-55 '61. (MIRA 14:12)

1. Chlen-korrespondent AMN SSSR.
(INDONESIA--PUBLIC HEALTH)

KOVANOV, V.V.

Hundred and twenty-fifth anniversary of the birth of N.V.
Sklifosovskii (1836-1904). Khirurgiia 37 no.5:139-142 My '61.
(MIRA 14:5)
(SKLIFOSOVSKII, NIKOLAI VASIL'EVICH, 1836-1904)

KOVANOV, V.V., prof.; ZUBOVSKIY, G.A., red.; KOKIN, N.M., tekhn. red.

[Nurse's handbook on patient care] Spravochnik meditsinskoi sestry po ukhodu. Moskva, Medgiz, 1962. 419 p. (MIRA 15:12)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Kovanov).

(NURSES AND NURSING)

ANIKINA, T.I., dots.; BOGUSLAVSKAYA, T.B., ass.; BOMASH, Yu.M., dots.; GEYMAN, D.V., ass.; GRENADEROV, Yu.V., ass.; DOBROVA, N.B., ass.; KLEPIKOV, V.A., ass.; ZUBRILOVA, A.V., ass.; KULIK, V.P., mlad. nauchn. sotr.; NIKOLAYEV, F.D., dots. [deceased]; SYCHENIKOV, I.A., dots.; TRAVIN, A.A., ispoln. obyazannosti prof.; RYBALKIN, P.Ye., ass.; KOVANOV, V.V., prof., red.; PROKOF'YEV, V.P., red.; ZAGOREL'SKIY, Ia.I., tekhn. red.

[Special methodology for practical work in topographic anatomy and operative surgery] Chastnaia metodika prakticheskikh zaniatii po topograficheskoi anatomii i operativnoi khirurgii. Izd.2., perer. i dop. Pod red. V.V.Kovanova. Moskva, 1963. 224 p. (MIRA 16:12)

1. Moscow. Pervyy meditsinskiy institut. 2. Kollektiv prepodavateley kafedry operativnoy khirurgii i topograficheskoy anatomii 1-go Moskovskogo instituta imeni I.M.Sechenova (for all except Prokof'yev, Zagorel'skiy). 3. Zaveduyushchiy kafedroy operativnoy khirurgii i topograficheskoy anatomii 1-go Moskovskogo instituta imeni I.M.Sechenova, chlena-korrespondent AMN SSSR (for Kovanov).

(ANATOMY, SURGICAL AND TOPOGRAPHICAL)
(SURGERY, OPERATIVE)

KOVANOV, V.V., prof., red.; ZUBOVSKIY, G.A., red.; BUKOVSKAYA,
N.A., tekhn. red.

[Nurse's manual on nursing] Spravochnik meditsinskoi sestry
po ukhodu. Izd.2. Moskva, Izd-vo "Meditsina," 1964. 420 p.
(MIRA 17:2)

1. Chlen-korrespondent AMN SSSR (for Kovanov)

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KOVANOV, V.V.

Introducing the results of studies on cardiovascular surgery into practice. Trudy 1-go MMI 16:5-11'62. (MIRA 16:6)

1. Zaveduyushchiy kafedroy operativnoy khirurgii i topograficheskoy anatomii Pervogo Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

(CARDIOVASCULAR SYSTEM—SURGERY)

KOVANOV, V.V.; KHIL'KIN, A.M.

Plastic surgery in experimental aortic insufficiency. Eksper.
khir. i anest. 8 no.3:34-40 My-Je '63 (MIRA 17:1)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii
I Moskovskogo ordena Lenina meditsinskogo instituta.

KOVANOV, Vladimir Vasil'yevich, prof.; BOMASH, Yuliy Maksimovich, dots.;
BOGUSLOVSKAYA, T. B., kand. med. nauk; GEYMAN, D. V., kand. med. nauk;
ZUBRILOVA, A. V., kand. med. nauk; LEONOV, S. V., kand. med. nauk;
NIKOLAYEV, F. D., dots. [deceased]; VAVILOV, G. S., kand. med. nauk, nauchn. red.

[Practical manual on topographical anatomy] Prakticheskoe
rukovodstvo po topograficheskoi anatomii; dlia studentov i
vrachei. Moskva, Izd-vo "Meditsina," 1964. 388 p.

(MIRA 17:3)

1. Prepodavateli kafedry operativnoy khirurgii i topografi-
cheskoy anatomii Pervogo Moskovskogo meditsinskogo instituta
imeni I.M. Sechenova (for Boguslavskaya, Geyman, Zubrilova,
Leonov). 2. Deystvitel'nyy chlen AMN SSSR (for Kovanov).

*

KOVANOV, V.V., prof., red.; REZNIKOV, S.M., red.

[Calendar of the subprofessional medical worker for 1964]
Kalendar' srednego meditsinskogo rabotnika na 1964 g. Pod
red. V.V.Kovanova. Moskva, Medgiz, 1963. 535 p.
(MIRA 17:4)

1. Chlen-korrespondent AMN SSSR (for Kovanov).

KOVANOV, V.V.; PAVLENKO, S.M.; MEDELYANOVSKIY, A.N.;
BOGDANOVA, Ye.V.; KISELEV, O.I.; KHIL'KIN, A.M.; FAL'KOVSKIY,
G.A.

Method of phasic control of the blood circulation. Trudy po
nov. app. i metod.no.1:86-92 '63 (MIRA 16:12)

GRASHCHENKOV, N.I., prof., akademik, otv. red.; BANSHCHIKOV, V.M.,
zasl. deyatel' nauki, prof., red.; KASSIL', G.N., prof.,
red.; KOVANOV, V.V., prof., red.; MEN'SHIKOV, V.V., kand.
med. nauk, red.; SHREYBERG, G.L., ved. red.

[Adrenaline and noradrenaline; reports] Adrenalin i norad-
renalin; doklady. Moskva, Izd-vo "Nauka," 1964. 310 p.

(MIRA 17:6)

1. Nauchnaya konferentsiya "Katekholaminy i ikh rol' v re-
gulyatsii funktsiy organizma (biokhimiya, fiziologiya,
klinika)" Moscow, 1962. 2. Chlen-korrespondent AN SSSR i
Akademiya nauk Belorusskoy SSSR (for Grashchenkov). 3. Dey-
stvitel'nyy chlen AMN SSSR (for Kovanov). 4. Laboratoriya
neyro-gumoral'noy regulyatsii AN SSSR (for Kassil').

KOVANOV, Vladimir Vasil'yevich; TRAVIN, Anatoliy Afanas'yevich;
LUBOTSKIY, D.N., red.

[Surgical anatomy of the lower extremities] Khirurgicheskaia anatomia nizhnikh konechnostei. Moskva, Medgiz, 1963. 565 p. (MIRA 17:9)

KOVANOV, V.V., prof., red.; KRSTIKOV, S.M., red.

[Calendar for the subprofessional medical worker for
1965] kalendar srednego meditsinskogo rabotnika na 1965
god. Moskva, Meditsina, 1964. 478 p. (MIRA 17:11)

1. Deystvitel'nyy chlen AMN SSSR (for Kovanov).

KOVANOV, V.V., prof.; BILJUKO, M.V., kand. med. nauk

Study on mechanical angiorrhaphy in auto-homo-and hetero-
transplantation. Khirurgia 40 no.4:70-77 Ap '64
(MIRA 18:1)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomi (zav. - deystvitel'nyy chlen AMN SSSR prof. V.V. Kovanov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

39298

S/048/62/026/007/029/030
B117/B144

24.3430

AUTHORS: Uvarova, V. M., Sukhodrev, N. K., Pankova, A. A.,
Shpol'skiy, M. R., and Kovanova, A. N.

TITLE: New photomaterial of the NIKFI for spectrum analyses in the
short-wave region of ultraviolet radiation

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26,
no. 7, 1962, 967-968

TEXT: This report given at the XIV Soveshchaniye po spektroskopii
(XIV Conference on Spectroscopy) deals with new films for vacuum ultra-
violet radiation. The PM-1L (RM-1L) film with highly sensitive emulsion
sensitized with luminophores had been developed by the NIKFI
(A. O. Kondakhchan) and the Shostkinskiy khimicheskiy zavod (Shostka
Chemical Plant). The УФ-НИКФИ (UF-NIKFI) film little sensitive to
visible light, with an emulsion consisting of highly concentrated silver
halide and small amounts of gelatin, was produced by a method (thin-layer
separation) developed by K. S. Bogomolov, M. Yu. Deberdeyev, A.A. Sirovinskiy
and members of the NIIKhIMMASH. The new films, especially UF-NIKFI

Card 1/2

ACCESSION-NR: AP4043038

S/0077/64/009/004/0286/0288

AUTHORS: Kalinkina, T. A.; Kovanova, A. N.; Pankova, A. A.; Sukhodrev, M. K.;
Uvarova, V. M.; Shpol'skiy, N. R.

TITLE: NIKFI photographic materials for the vacuum ultraviolet region of the
spectrum and their characteristics

SOURCE: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 9, no. 4,
1964, 286-288

TOPIC TAGS: ultraviolet photographic film, film characteristic, film sensitivity,
silver halide, / ISP 22 spectrograph, DFS 6 vacuum spectrograph

ABSTRACT: The solution of many problems has been hampered by the lack of photo-
graphic film sensitive to the vacuum ultraviolet (UV) spectrum ($\lambda < 2200 \text{ \AA}$) as a
consequence of strong absorption in the gelatin of the emulsion layer of existing
film. NIKFI developed five types of films sensitive to the far UV and soft x-ray
region by using a new method of preparing photographic emulsion with a high con-
centration of silver halide in which a large portion of the gelatin is replaced
by surface active substances. The five films differed in size of the AgHal micro-
crystals and had different sensitivities. The air-dried emulsion layer $\sim 10 \mu$

Card | 1/4

ACCESSION NR: AP4043038

thick was coated on a triacetate base and hardened so that water at temperatures up to 100C did not melt it. The photographic properties of the film (see Table 1 on the Enclosure) were measured in the visible, near UF region ($\lambda \sim 2300 \text{ \AA}$) and vacuum UF region ($2000 \text{ \AA} > \lambda > 200 \text{ \AA}$). The films UF-2 and UF-3 were developed for 8 minutes in developer D-19 at 20C and the other film developed similarly for 4-6 minutes. The standard method of sensitometric measurements was used for the visible region; for $\lambda = 2300 \text{ \AA}$ a mercury lamp in a ISP-22 spectrograph with a nine-stage attenuator was used. Characteristic curves (D versus log It) were obtained for all films at $\lambda = 2300 \text{ \AA}$. Films UF-1, UF-2 and UF-3 have low visible sensitivity ideal for "hot" object work. The vacuum UF region was studied using a DFS-6 vacuum spectrograph with a low voltage vacuum spark between titanium electrodes as a light source. The relative spectral sensitivities of films UF-1, UF-2, and UF-3 were obtained at points over the range 200-3000 \AA and the contrast factor for these films for λ 200-800 \AA ranged from 0.7 to 1.0, while the other films had a smaller contrast. The storage properties were good and were maximized by storage in a polyethylene pack at 5-7C (e.g., UF-1 stored two years lost 40% of its sensitivity at $\lambda = 2300 \text{ \AA}$, had no hazing, and preserved its contrast). The preservation of the film was attributed to the high colloidal stability

Card 2/4

ACCESSION NR: AP4043038

of the Aglial microcrystals and the presence of colloidal stabilizers in the emulsion layer. Orig. art. has: 1 table and 2 figures.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI)
(All-Union Motion Picture and Photography Scientific Research Institute)

SUBMITTED: 08Oct63

ENCL: 01

SUB CODE: OP,ES

NO REF SOV: 002

OTHER: 000

Card | 3/4

S/226/62/000/003/014/014
I003/I203

AUTHOR: Domsha, A., Kovans, S., Muller, G., Bereczky, T. and Colan, H.

TITLE: Investigation of the manufacturing processes of sintered materials for electric contacts

PERIODICAL: Poroshkovaya metallurgiya, no. 3, 1962, 99-109

TEXT: Production of electric contacts having a high wear resistance is described using various metal powders, together with their hardness, density, microstructure and resistance to electric erosion. The best densities and wear resistance under operating conditions were those of tungsten-silver compositions. The authors urge the production of contacts for normal operating conditions on a pilot plant scale. The method of sintering employing high frequency electric current heating is a good means for the production of contacts from pure tungsten. The results obtained are good. It is recommended that the electric erosion of contacts should be tested, to compare the quality of materials produced in Rumania with imported materials, and to indicate the optimum properties. There are 6 figures and 4 tables.

ASSOCIATION: Klyzhskii politekhnicheskii institut, RNR (The Cluj Polytechnical Institute, RPR)

SUBMITTED: July 15, 1961

Card 1/1



DOMSHA, A. [Domsa, A.]; KOVANS, S.; MYULLER, G. [Muller, G.]; BERETSKI, T.
[Beretski, T.]; KOLAN, Kh. [Colan, H.]

Investigating processes of preparing ceramic metal contactor
materials for electric engineering purposes. Porosh. met. 2 no.3:
99-109 My-Je '62. (MIRA 15:7)

1. Kluzhskiy politekhnicheskiy institut, Rumynskaya Narodnaya
Respublika.

(Ceramic metals)

(Electric contractors)

KOVANSKIY, A.A.

BELYAYEV, V.S.; MIKHAYLOV, V.P.; CHERNOV, S.A., retsenzent; AFANAS'YEV,
I.D., retsenzent; KOVANSKIY, A.A., retsenzent; DUGINA, N.A.,
tekhnicheskiy redaktor

[Traffic regulations for the automobile driver] Voditeliu o
pravilakh dvizheniya avtomobilia. 2-e ispr. i dop. izd. Moskva,
Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1953. 126 p.
[Microfilm] (MLRA 7:10)
(Automobile drivers) (Traffic regulations)

BEREZIN, Sergey Yakovlevich; STARYNKEVICH, D.S., retsenzent;
KOVANTSEV, N.S., nauchn. red.;

[Automatic steering of ships; automatic pilots] Avtomati-
cheskoe upravlenie kursom sudov; avtorulevye. Leningrad,
Sudostroenie, 1965. 218 p. (MIRA 19:1)

1. KOVANTSOV, N.I.
2. USSR (600)
4. Geometry, Differential - Projective
7. Canonical cluster as a form of projective symmetry on a surface, Ukr.mat.zhur.
5 no. 1, 1953. pp. 99-119

Distinguishes in all canonical constructions leading to straight lines two properties which are inherent in each of these constructions; one of these properties being that all classical constructions for the construction of straight lines of a canonical ray proceed from a 4th order neighborhood (surface) and the second property being the symmetry of all classical constructions relative to a pair of asymptotic lines.

250T59

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

KOVANISOV, N. I.

2
① Math

✓
Kovancov, N. I. A triorthogonal system of curves of a complex of straight lines. Doklady Akad. Nauk SSSR (N.S.) 90, 125-128 (1953). (Russian)

In this brief note the author proves that a general line complex in three-space consists of tangents to a two-parameter family of curves. If A is the center of a ray I_3 and I_1 and I_2 are the (unit) principal normal and binormal then $dA = \omega_i I_i$ from which one obtains the three mutually orthogonal lines $\omega_1 = \omega_2 = 0$; $\omega_2 = \omega_3 = 0$; $\omega_3 = \omega_1 = 0$, which are mentioned in the title.
M. S. Kuebelman.

Mathematical Reviews
Vol. 15 No. 4
Apr. 1954
Geometry

8-24-54
LL

KOVANTSOV, N.I.

Application of concepts of non-holonomic geometry to a ruled
complex. Ukr.mat.zhur. 6 no.3:270-281 '54. (MLRA 8:5)
(Surfaces)

KOVANTSOV, N. I.

USSR/Mathematics

Card : 1/1 Pub. 22 - 5/48

Authors : Kovantsov, N. I.

Title : Spatial indicatrix of geodetic twists of three-orthogonal systems of non-holonomic surfaces

Periodical : Dok. AN SSSR 97/5, 773 - 776, August 11, 1954

Abstract : A method is described for constructing indicatrices of geodetic torsions of non-holonomic surfaces, the tangent planes of which are rigidly coupled to a movable bench mark. The faces of the latter are planes tangent to a system of non-holonomic surfaces and known as a three-orthogonal system of non-holonomic surfaces. Five references (1846-1948).

Institution : ...

Presented by : Academician A. N. Kolmogorov, May 21, 1954

Kovalev, N. I. Pairs of complexes of a projective rotation. Dokl. Akad. Nauk SSSR (N.S.) 100, 863-866 (1955). (Russian) 1-1 P/W

The equations of the principal surfaces of a ruled complex are almost identical with the characteristic equation of quadric surfaces. A general complex has a characteristic equation with three different roots so that there exist three principal surfaces. The case of three equal roots corresponds to a linear complex so that all its ruled surfaces are principal. This paper is primarily concerned with the case in which the roots $S_1 = S_2 \neq S_3$ are the characteristic roots.

... paper is primarily concerned with the case in which the
surfaces are principal
roots S_1, S_2, S_3 are the characteristic roots. It is this com-
plex that the author calls a complex of projective rotation
and shows that each principal surface, in this case, belongs
to a pencil of linear complexes.
M. S. Knebelman.

ZAPOROZH'YE State Pedagogical Inst

RUSSIAN, N.I.

SUBJECT USSR/MATHEMATICS/Geometry CARD 1/2 PG - 950
 AUTHOR KOVANTSOV N.I.
 TITLE Quasi-special complexes.
 PERIODICAL Mat.Sbornik, n.Ser. 41, 333-360 (1957)
 reviewed 7/1957

The present paper joins the earlier investigations of the author (Mat.Sbornik, n.Ser. 38, 107-128 (1956) and Doklady Akad.Nauk 95, 917-920 (1954)).

In every plane there lies a one-parametric manifold of complex rays, which in the plane envelop a certain curve s . Taking a two-parametric manifold of planes which e.g. touch a certain surface \mathcal{S} , then the complex can be denoted as the totality of the tangents at the congruence of the curves s which lie in the planes. The author considers those complexes (quasi-special complexes) which admit at least one surface \mathcal{S} which has the following property: for it every curve s degenerates in a point (M) . Consequently, the totality of the rays in the tangent plane of \mathcal{S} degenerates to a bundle the center of which lies in M . To the considered class there belong e.g. all complexes with multiple centers of inflection which were considered in earlier papers of the author.

It is shown that if the cone of the complex which corresponds to a point M , degenerates to a plane bundle, then this point is the center of inflection

KOVANTSOV, N.I.

AUTHOR: Kovantsov, N.I.

39-1-3/5

TITLE: One-parameter families of congruences with linearised focal surfaces. (Odnoparametricheskiye semeystva kongruentsiy s lineychatymi fokal'nymi poverkhnostyami)

PERIODICAL: "Matematicheskiy Sbornik" (Mathematical Symposium), 1957, Vol.42 (84), No.1, pp. 45-64 (U.S.S.R.)

ABSTRACT: Complexes are considered, each of which is stratified into a one-parameter family of congruences with linearised focal surfaces. Such complexes are a natural generalisation of the complexes K_2 considered in (1) which were defined as complexes separating into one-parameter families of linear congruences. The generalising characteristic of linearised manifolds becomes obvious since each directrix of the linearised congruences is represented as a strongly degenerate linearised surface. Two one-parameter families of focal surfaces of the congruences under consideration form a certain pair of congruences (S and Σ) and then the complex C , which is the main object of study can be considered as defined by two arbitrary congruences with an arbitrarily-established correspondence between the linearised surfaces which, in some

Card 1/2 manner, stratify the congruences. In this case, a series of

AUTHOR N.I. KOVANTSOV PA - 3124
TITLE The Line-Geometrical Analogy of a Triorthogonal Surface System.
(Lineychato-geometricheskiy analog triortogonal'noy sistemy po-
verkhnostey - Russian)
PERIODICAL Doklady Akademiya Nauk SSSR 1957, Vol 113, Nr 3, pp 497-500
(USSR)
ABSTRACT Received: 6/1957 Reviewed: 7/1957
In further development of the ideas by S.LIE and F.KLEIN, the present paper sets up a certain (by no means complete) parallel between the triorthogonal surface systems of the threedimensional point space and some particular complexes of the straight lines of the fourdimensional line space. The author obtains this parallel by the solution of the following part problem, which, however, is interesting in itself: What properties does a singly taken complex which is decomposed into ∞^1 congruences, possess? The focussing points of these congruences are here assumed to be identical with the point of contact of any main surface of this complex. By canonization of the tetrahedron in a definite manner a system of equations is obtained which characterizes the motion of this tetrahedron. These equations and also the differential equations of the main surfaces are written down explicitly. Also the deter-

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PA - 3124

The Line-Geometrical Analogy of a Triorthogonal Surface System.

mination of the geometric position of the tetrahedron is discussed. Several theorems are given in this paper. Three two-parametrical families of main surfaces of a complex are dealt with here, which is divided into three one-parametric families of the congruences W . The author here obtains a definite parallelity between the complex investigates and the triorthogonal system of the surfaces of the threedimensional space. This parallelity may be described sufficiently by means of a "dictionary" given here. With the help of this "dictionary" the line-geometrical analogy for certain special classes of the triorthogonal surface systems may be easily determined. The following special cases are dealt with:

- 1.) The triorthogonal surface systems in the case of which a LAMÉ family is orthogonal with respect to a congruence of straight lines or surroundings.
- 2.) The triorthogonal surface system in which a LAMÉ family consists of spheres or surfaces.

(No Illustrations.)

ASSOCIATION: not given.

PRESENTED BY: P.S. ALEKSANDROV, Member of the Academy, 3.9. 1956.

SUBMITTED: 17.1. 1956.

AVAILABLE: Library of Congress.

CARD 2/2

KOVANTSOV, N. I.: Doc Phys-Math Sci (diss) -- "The theory of complexes".

Zaporozh'ye, 1958. 8 pp (Min Higher Educ USSR, Moscow State U im M. V. Lomonosov),

150 copies (KL, No 4, 1959, 121)

AUTHOR: KOZYANTSOV, N.I. (Zaporozh'ye) 41-1-4/15

TITLE: On Vector Fields Which are Associated to a Ruled Complex
(O vektornykh polyakh, prisoyedinennykh k lineychatomy kompleksu)

PERIODICAL: Ukrainskiy Matematicheskyy Zhurnal, 1958, Vol. 10, Nr 1, pp. 37-58
(USSR)

ABSTRACT: The author's numerous publications of the last years concerning all kinds of complexes and related questions are enlarged by a further paper. The author defines a vector field by the determination that as field vector in the point P a vector is to be taken which lies on one of the rays of the complex through P. In this way a set of vector fields is associated to a complex which depends on a function of three arguments. The author considers the question for the possible fibering of the vector fields of this set and the relations between the differential geometric properties (in the sense of the non-holonomous geometry) of the single vector fields. 9 Soviet and 1 foreign references are quoted.

SUBMITTED: 21 January 1956

AVAILABLE: Library of Congress

Card 1/1 1. Vector analysis

85502

S/140/60/000/004/015/023 XX
C111/C222

16.5600
AUTHOR: Kovantsov, N.I.

TITLE: Isometric Mapping of the Projective Structure of a Complex Onto
a Space of Constant Curvature

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1960,
No. 4, pp. 114 - 127

TEXT: Defining the infinitesimal shifts of the accompanying tetrahedron
of a complex by the equations $dA_i = \omega_{ij} A_j$ ($ijj = 1, 2, 3, 4$) then one
obtains the fundamental forms of such a shift $\omega_{13}, \omega_{24}, \omega_{23}, \omega_{14}$, where
according to (Ref. 1) it holds

(1) $\omega_{13} + \omega_{24} = 0$.

If the transition from one accompanying tetrahedron to another is given by

(2) $A_1 = \alpha_{11} \bar{A}_1 + \alpha_{12} \bar{A}_2, A_2 = \alpha_{21} \bar{A}_1 + \alpha_{22} \bar{A}_2, A_3 = \alpha_{31} \bar{A}_1 + \alpha_{32} \bar{A}_2 +$
 $+ \alpha_{33} \bar{A}_3 + \alpha_{34} \bar{A}_4, A_4 = \alpha_{41} \bar{A}_1 + \alpha_{42} \bar{A}_2 + \alpha_{43} \bar{A}_3 + \alpha_{44} \bar{A}_4$

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85502

Isometric Mapping of the Projective Structure of a Complex Onto a Space of Constant Curvature S/140/60/000/004/015/023 XX
C111/C222

then it is found that

$$(6) \quad \varphi = \omega_{23} \omega_{14} + \omega_{24}^2$$

is a relative invariant of the transformation (2).
Let now S be a space of constant curvature and

$$(7) \quad ds^2 = \Omega_1^2 + \Omega_2^2 + \Omega_3^2,$$

where the linear forms Ω_i are taken as basis forms of S. Let the mapping of a complex onto S be defined by

$$(8) \quad \omega_{23} = \alpha_1 \Omega_1 + \beta_1 \Omega_2 + \gamma_1 \Omega_3, \quad \omega_{14} = \alpha_2 \Omega_1 + \beta_2 \Omega_2 + \gamma_2 \Omega_3, \\ \omega_{24} = \alpha_3 \Omega_1 + \beta_3 \Omega_2 + \gamma_3 \Omega_3.$$

The author considers such mappings (8) which transfer φ into ds^2 , i.e.

$$(9) \quad \omega_{23} \omega_{14} + \omega_{24}^2 = \Omega_1^2 + \Omega_2^2 + \Omega_3^2.$$

Card 2/4

85503

Isometric Mapping of the Projective Structure
of a Complex Onto a Space of Constant
Curvature

S/140/60/000/015/013 XX
G111/G222

[Abstracter's note : (Ref. 1) concerns a paper of the author in
Ukrainskiy matematicheskiy zhurnal, 1956, Vol. 8, No. 2]

ASSOCIATION: Zaporohskiy pedagogicheskiy institut (Zaporzh'ye
Pedagogical Institute)

SUBMITTED: November 25, 1958

Card 4/4

KOVANTSOV, N.I.

One projective-differential class of congruences [with summary in
English]. Ukr. mat. zhur. 12 no.3:257-266 '60. (MIRA 13:11)
(Congruences (Geometry))

KOVANTSOV, N.I. (Zaporozh'ye)

Canonical quadrics of a complex of lines in projective
space. Mat.sbor. 50 no.2:129-170 F '60.
(MIRA 13:6)

(Geometry, Differential)

KOVANTSOV, N.I.

First All-Union Conference on Geometry. Ukr. mat. zhur. 14
no.4:453-455 '62. (MIRA 15:12)
(Geometry--Congresses)

KOVANTSOV, N.I.

First All-Union Conference on Geometry. Usp.mat.nauk 17
no.6:231-246 N-D '62. (MIRA 16:1)
(Geometry--Congresses)

KOVANTSOV, N.I. (Kiyev)

Linear complexes in a real region. Izv. vys. ucheb. zav.;
mat. no.3:56-66 '63. (MIRA 16:4)

(Complexes)

KOVANTSOV, Nikolay Ivanovich; MIRONETS, Ye.M., red.; OKOPNAYA,
Ye.D., tekhn. red.

[Theory of complexes] Teoriia kompleksov. Kiev, Izd-vo
Kievskogo univ., 1963. 290 p. (MIRA 17:3)

KOVANTSOV, N.I.

Complexes in hyperbolic space. Sib. mat. zhur. 4 no.5:1106-1119
S-0 '63. (MIRA 16:12)

KOVANTSOV, N.I. (Kiyev)

Osculating quadratic complexes. Ukr. mat. zhur. 16 no.2:237-245
'64. (MIRA 17:3)

KOVANTSOV, N.I. (Kiyev)

Theory of complexes in biaxial space. *Izv.vys.ucheb. zav.;*
mat. no. 1:56-68 '64. (MIRA 17:5)

KOVANTSOV, N.I. (Kiyev)

Are mathematical abilities inborn? Vop.psikhol. 11 no.3:150-155 My-Je '65.
(MIRA 18:7)

KOVANTSOV, N.I.

Relation between Grassmannian point and tangential coordinates
of a linear variety. Usp. mat. nauk 20 no.6:110-111 N-D '65.
(MIRA 18:12)

1. Submitted Nov. 21, 1963.

KOVAR, A.

The moment of resistance in the torsion of a regular pentagon. p. 58.
(APLIKACE MATEMATIKY, Vol. 2, no. 1, 1957, Praha, Czechoslovakia.)

SG: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957. Incl.

KOVAR, A.

Precision measurement apparatus. Tech praca 17 no.3:184 M' '65.

KOVAR, F.; SVEJNAROVA, M.

Diagnostic value of phonoradiographic recordings of physiological murmurs in children and adolescents. Cesk. pediat. 19 no.12: 1084-1089 D 64.

1. Statni sanatorium v Praze (reditel MUDr. F. Zavodny).

CZECHOSLOVAKIA

KOVAR, J; JARY, J

Laboratory of Monosaccharides, Institute of Chemical Technology, Prague - (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 2, February 1967, pp 854-867

"Solvoysis of benzylidene derivatives. Part 2: 4,6-benzylidene hexosides."

LUKES, R. [deceased]; PITHA, J.; KOVAR, J.; BLAHA, K.

Configuration of nitrogen compounds. Part 14: On the kinetics of solvolysis of condensation products of vicinal aminohydroxytetralins with p-nitrobenzaldehydes. Coll Cz Chem 27 no.2:328-336 F '62.

1. Laboratorium für heterocyclische Verbindungen, Tschechoslowakische Akademie der Wissenschaften, Prag. 2. Jetzige Adresse : Institut für organische Chemie und Biochemie, Tschechoslowakische Akademie der Wissenschaften, Prag (for Pitha and Blaha).

JARY, J.; CAPEK, K.; KOVAR, J.

Synthesis of derivatives of 3,6-dideoxy-3-amino-L-idose. Coll
Cz Chem 28 no.8:2171-2181 Ag '63.

1. Laboratorium fur Monosaccharide, Technische Hochschule fur
Chemie, Prag.

KOVAR, J.; JARY, J.; BLAHA, K.

On configuration of nitrogen containing compounds. Pt.16.
Coll Cz Chem 28 no.8:2199-2206 Ag '63.

1. Laboratorium fur Monosaccharide, Technische Hochschule
fur Chemie, Prag (for Kovar and Jary). 2. Institut fur or-
ganische Chemie und Biochemie, Tschechoslowakische Akademie
der Wissenschaften, Prag (for Blaha).

S/194/62/000/012/043/101
D413/D308AUTHORS: Kovár, Jaroslav and Hix, Petr

TITLE: A gas-tight seal, especially for electron tube envelopes

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 10, abstract 12-3-20 g (Czech. pat., cl. 21 g, 13/07, no. 99881, Jun. 15, 1961)

TEXT: A method is proposed for making a gas-tight metal-to-ceramic (or metal-to-glass) seal, in particular for creating a gas-tight join between the copper anode of an oscillator tube and its glass (or ceramic) envelope. Between the copper and the ceramic (glass) there are fused in sequence several intermediate rings made of metals and alloys whose coefficients of expansion fall in the range between those of copper and the ceramic (glass). The absolute value for each successive intermediate ring approaches the absolute value of expansion coefficient of the appropriate material (copper or ceramic, depending on the end from which one starts counting). Ma-

Card 1/2

C. A.
1951

Organic chemistry
10

Notes

Oxidation of α -thujene by selenium oxide. F. Petřil and J. Koval (École polytech., Prague). *Collection Czech. Chem. Commun.* 15, 478-85 (1950) (in French). α -Thujene was heated in EtOH with SeO₂, the product steam distilled, and the residue shaken with a soln. of Na₂SO₃ and NaHCO₃; the remaining oil consisted of *p*-cymene. Regeneration from the bisulfite compl. gave a *dihydrocampholenolide*, probably *trans*-propyl-1,3-cyclohexadiene-6-carboxaldehyde (I), d₄²⁰ 0.962, n_D²⁰ 1.5080, λ : 115-20° (bath temp.); *semicarbazone*, m. 107-9°. I oxidized with Ag₂O or KMnO₄, lost H and gave cuminic acid. Alfred Hoffman

Kovar, J.

Planning and control of the fulfillment of the plan of research work.
p. 314. NOVA TECHNICA. (Rada vedeckych technickych spolecnosti
pri Ceskoslovenske akademii ved) Praha. Vol. 4, no. 7, July 1954.

Source: EFAL LC Vol. 5, No. 10 Oct. 1956