

OYVIN, I.A.; SERGEYEV, Yu.V.,

Mechanism of sensitization and of antibody formation. *Biol. eksp. biol. i med.* 40 no.9:51-54 S '55. (MLBA 8:12)

1. Iz kafedry patologicheskoy fiziologii (zav.-prof. I.A. Oivin) Stalinabadskogo meditsinskogo instituta imeni Avitsenny (dir.-chlen-korrespondent AN Tadzhikskoy SSR Ya A. Rakhimov)

(ALLERGY, experimental,

mechanism of sensitization & antibody form]

(ANTIGENS AND ANTIBODIES,

antibody form., mechanism)

SERGEYEV, Yu.V.

Rate of resorption of NaI¹³¹ from the isolated carotid sinus of
a rabbit. Trudy Stal.med.inst. 21:107-112 '56 (MIRA 11:3)
(CAROTID SINUS)

BERGZYN, Yu.V.

Further studies on the mechanism of sensitization and antibody formation; rate of resorption of gamma globulin injected intravenously. Trudy Stal.med.inst. 21:113-126 '56 (MIRA 11:8)
(ANTIGENS AND ANTIBODIES)

SERGEYEV, Yu.V.

Rate of resorption of ³⁵S-labelled serum proteins from the skin.
Trudy Stal.med.inst. 21:127-129 '56 (MIRA 11:8)
(BLOOD PROTEINS)

OYVIN, I.A.; SERGEYEV, Yu.V.

Reflex mechanism of antibody formation. *Zhur. mikrobiol., epidem.
i immn.* 27 no.3:98-102 Mr' 56. (MIRA 9:7)
(ANTIGENS AND ANTIBODIES,
antibody form., reflex mechanism (Rus))

SERGEYEV, Yu. V., Cand of Med Sci -- (diss) "Application of radioactive isotopes for the experimental study of certain debatable questions concerning the mechanism of sensibilization and the formation of antibodies." Moscow, 1957, 16 pp (2d Moscow Medical Institute im Pirogov)
200 copies (KL, 32-57,98)

SERGEYEV, Yu. V. (Dushanbe)

"accumulation of radioactive iodine by the thyroid gland in persons temporarily living at an altitude of 4200 meters (Eastern Pamir)".

Report presented at the Scientific Conference devoted to the problems of physiology and pathology in High Altitudes, Ministry of Health Tadzhik SSR and Medical Institute im. Abdul' Ibn-Sino, held in Dushanbe, October 1962.
(Zdravookhraneniye Tadzhikstana, Dushanbe, No. 3, 1963, p. 37-39

SERGBYEV, Yu.V.; ANTONOVICH, V.I.; CHERNER, R.I.

Portal pressure in acute experimental lesion of the liver. *Trudy*
Inst. kraev. med. All Tadzh. SSR no.1:164-177 '62.
(MIRA 17:5)

L 6950-65 EWG(j)/EWG(r)/EWI(l)/A/FS(v)-3/EWG(v)/EWG(a)/EWG(c) Pe-5/Pb
AMD/AFTG(b)/RAEM(t) DJ

ACCESSION NR: AT4045947

S/3111/63/062/000/0060/0063

60
59

AUTHOR: Sergeyev, Yu. V.

TITLE: Functional state of the thyroid gland in people living under alpine conditions

SOURCE: Dushanbe. Gosudarstvennyy meditsinskiy institut. Trudy*, v. 62, 1963. Voprosy* fiziologii i patologii vy*sokogor'ya; trudy* nauchnoy konferentsii, 1962. (Problems of the physiology and pathology of Alpine regions; transactions of the 1962 scientific conference), 60-63

TOPIC TAGS: high altitude, hypoxia, thyroid, thyroid function, radiolodine, adaptation

ABSTRACT: Fifty-four persons ranging in age from 19 to 32 years were examined three times: before the test at 800 m, after 6 months in the Eastern Pamirs (4200 m), and during the first month after the return to 800 m, using radioactive NaI¹³¹. The radioisotope was given orally in a dose of 1.5-2.0 μC, and the activity over the thyroid was determined 1, 2, 3, 4, 5, 6, and 24 hours later. The results showed that acclimatization to high altitude decreased the average uptake of I¹³¹ from 35.9% to 22.7%, with a further decrease to 14.5% after return to the valley. Since these values are all within normal limits, the author concludes

Card 1/2

L 6950-65

ACCESSION NR: AT4045947

that 6 months' residence at a height of 4200 m does not produce any pathological changes in the thyroid gland. The depression in thyroid function is an adaptive process to the lack of oxygen. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: Institut krayevoy meditsiny* AN Tadjikskoy SSR, Dushanbe (Institute of Regional Medicine, AN Tadjik SSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: LS, PH

NO REF SOV: 008

OTHER: 002

Card

2/2

1950. No. 1. P. 1. 1950. No. 1. P. 1.

study of partial pressure in experimental alcohol intoxication under conditions of diverse load actions. Ak. voy. pat. (MIRA 18:8)

SERGEYEV, Yu.V.; VOLYNSKAYA, T.B.

Effect of corticosteroids on some indices of the blood
coagulation system under normal conditions and in
lesions of the liver. Akt.vop.pat.pech. no.3:124-135
'65. (MIRA 18:11)

L 34102-65 EWT(l)/EWP(e)/EWI(m)/T/EEC(b)-2 IJP(c) WH
ACCESSION NR: AP5007363 S/0286/65/000/004/0021/0021

AUTHOR: Sergeyev-Bohr, A. A.; Nekrasov, L. Ya. 15 B

TITLE: Synthesis method for fluorophlogopite crystals. Class 12, No. 168261 21

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 21

TOPIC TAGS: phlogopite, fluorophlogopite, feldspar, mica

ABSTRACT: An Author Certificate has been issued for a preparative method for fluorophlogopite crystals from a molten charge. In order to produce larger crystals of the mica, the charge is formulated to consist of natural potash feldspar containing up to 3.5% Na₂O, up to 0.4% CaO, up to 0.3% Fe₂O₃, with MgO and MgF₂ added. To enhance the crystallizability of the melt and to make up for loss of volatiles, 2.5% K₂SiF₆ is added to the charge. [SM]

ASSOCIATION: none

Card 1/2

L 8498-66 (A) EWT(m)/EWP(j)/EWP(t)/EWP(b) JD/RM

ACC NR: AP5028478

SOURCE CODE: UR/0286/65/000/020/0064/0064

AUTHORS: Ardoy, D. I.^{44.55}; Kamenetskiy, I. Ya.^{44.55}; Smirnova, A. F.^{44.55}; Sergeeva, A. A.^{44.55} 75
Ponomareva, V. M.; Golubeva, A. V.; Luk'yanov, N. P.; Yeremina, Ye. N.; Sivograkova,
K. A.; Kinter, I. P.; Shalina, V. P.^{44.55} 44.55 44.55 44.55

ORG: none

TITLE: Surfacing for metallic and reinforced concrete decks. Class 39, No. 175643
/announced by Organization of the State Committee on Ship Construction SSSR
(Organizatsiya gosudarstvennogo komiteta po sudostroyeniyu SSSR) 44.55

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 64

TOPIC TAGS: polymer, copolymer, rubber, mineral filler, pigment, metal surfacing,
reinforced concrete, ship component, SYNTHETIC RUBBER 44.55

ABSTRACT: This Author Certificate presents a surfacing material for metallic and reinforced concrete decks. The surfacing material is based on a binding polymer and on mineral fillers and pigments. To increase its resistance to abrasion and corrosion and to reduce its slipperiness, a copolymer of styrole with nitrylacrylic acid and with butylacrylic rubber is used as the binding polymer.

SUB CODE: 11/ SUBM DATE: 12Mar64

BVK
Card 1/1

UDC: 678.746.2--139.678.046.3 678.047

BRAYNIN, S.A., inzh.; SERGEYEVA, A.A., inzh.; PERTSOVSKIY, V.N., inzh.

Automatic control of the preparation of mixes. Mekh. i avtom.
proizv. 19 no.8:1-5 Ag '65. (MIRA 18:9)

Sergeyev-Cherny, V. I.

According to Izvestiya. Acad. Nauk SSSR (OTN) 12, (1888-91) 1953, the following was read at the seminar of the Laboratory of Machine and Instrument Precision, Institute of Machine Science, Academy of Sciences, USSR in 1952 and the first half of 1953.

V. I. SERGEYEV-CHERNY read a paper "Methods of regulation and results of experimental study of the precision of frontal friction mechanisms." He pointed out the desirability of using different forms of regulator which would considerably improve the working precision of frictional mechanisms and produced characteristic curves of the distribution of the fundamental working errors for the mechanisms in question. The seminar noted that V.I. Sergeyev-Cherny had carried out useful work in checking under factory conditions *

SO: [REDACTED] DSI Trans #38. May 54, Unclas.

* the instructions as to precision design of frictional mechanisms.

SERGEYEV-CHERNYI, V.I.

Precision of face-friction mechanisms. Trudy Sem. po toch.mash.
no.6:35-57 '54. (MLRA 7:11)

(Couplings) (Links and link-motion) (Differential equations)

ZHERDIN, I.V.; SERGEYEVA, A.F.

Application of diathermy of pancreatic region in diabetes.
Klin. med., Moskva 30 no. 11:86 Nov 1952. (CLML 23:5)

1. Docent for Zherdin. 2. Of the Faculty Therapeutic Clinic
(Director -- Prof. A. I. Geftter) and of the Department of Path-
ological Physiology (Head -- Prof. Ya. A. Lazaris), Gor'kiy
Medical Institute imeni S. M. Kirov.

BRONKHIA MEDICA

BRONKHIA MEDICA Sec.3 Vol.10/7 Endocrinology July 56

1259. SERGEYEVA A. F. Med. Inst., Dept. of pathol. Physiol., Gorki. "The Influence of a diet containing protein and fat, respectively, on the excretion of glucose and ketone bodies in alloxan diabetes (Russian text) ARKH. PATOL. (Moscow) 1955, 3 (59-60)

Experiments were made on 25 adult rats with alloxan diabetes. A protein diet had a favourable effect on the diabetes in that the glycosuria decreased. The blood sugar level showed a 50% decrease; glycosuria was highest on a casein diet and lowest on protein. A pure protein diet showed absence of excretion of ketone bodies.

Brandt - Berlin

NAVROTSKAYA, A.M.; DROBOTOVA, Ye.L.; TAMBOVTSEVA, A.R.; SERGEYEVA, A.F.

Efficient utilization of hops in the brewing industry.

Izv. vys. ucheb. zav.; pishch. tekhn. no.4:80-85 '63.

(MIRA 16:11)

1. Zhigulevskiy pivovarennyy kombinat, issledovatel'skaya laboratoriya.

SERGEYEVA, A. G.

SERGEYEVA, A. G.: "An experiment in comparative study of cultures of lucerne and sainfoin under irrigation in Kuybyshev Oblast". Moscow, 1955. All-Union Sci Res Inst of Fodder imeni V. R. Vil'yams. (Dissertations for the degree of Candidate of Agricultural Science.)

SO: Knizhnaya Letopis' No. 50 10 December 1955. Moscow.

J

Country : USSR
Category: Soil Science Organic Fertilizers

Abs Jour: RZhBiol , No 14, 1958, No 63116

Author : Sergeeva, A.G

Inst : -

Title : Esparsette - The Best Nitrogen Enricher of Soil

Orig Pub: S. kh Povolzh'ya, 1957, No 7, 43-45

Abstract: In ordinary Povolzh'ye chernozem in the Kuy-byshevskaya oblast', the N reserves after two years of sowing lucerne with wheat grass were 88.4 mg/kg, and under a grass mixture of esparsette with wheat grass, 132.6 mg/kg. The spring wheat yield per layer of esparsette was higher than per layer of lucerne only by 1 centner/hectare, but the albumin content in the wheat grains on esparsette

Card : 1/2

J-52

SAZANOV, V.I.; SERGEYEVA, A.G.

Effect of alfalfa and sainfoin on the availability of phosphorus
in irrigated Chernozems [with summary in English]. Pochvovedenie
no.5:99-101 My '58. (MIRA 11:6)

1. Kuybyshevskiy sel'skokhozyaystvennyy institut.
(Phosphorus) (Chernozem soils)

LYUBIMOVA, V.V., doktor ekon. nauk; NOVIKOVA, O.G., kand. ekon. nauk;
SERGEYEVA, A.G., kand. ekon. nauk; IVANOV, N.P., kand. istor.
nauk; OGORINA, G.A., kand. ekon. nauk; KHLYNOV, V.N., kand.
ekon. nauk; DANILEVICH, M.V., doktor ekon. nauk; POKATAYEVA,
T.S., kand. ekon. nauk; USOV, G.A., kand. ist. nauk;
SAL'KOVSKIY, O.V., kand. geogr. nauk. Prinimali uchastiye:
PESCHANSKIY, V.V., kand. ist. nauk; PIROGOVA, I.M.; PRONIN,
S.V.; USVYATSOV, A.Ye.; MAKAROV, V., red.; DARONYAN, M.,
mladshiy red.; ULANOVA, L., tekhn. red.

[Real wages during the period of the general crisis of capi-
talism]Real'naya zarabotnaya plata v period obshchego krizisa
kapitalizma. Moskva, Sotsekgiz, 1962. 558 p. (MIRA 16:3)

1. Akademiya nauk SSSR. Institut mirovoy ekonomiki i mezhdunarodnykh otnosheniy.

(Wages)

SERGEYEVA, A. I.

Fisheries - Accounting

Subjecting shop planning to the tasks of developing business methods; discussion of the article by V. A. Serdyukov, Ryb. khoz., 28 No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July ¹⁹⁵² ~~1955~~, Uncl.

FEDOROVA, N.I.; TARASEVICH, I.V.; SERGEYEVA, A.I.; SHYAREPUROVA, Ye.D.;
POPOVA, L.M.

Q fever in Daghestan. Zhur.mikrobiol.epid. i immun. 28 no.6:36-39
Je '57. (MIRA 10:10)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN
SSSR i Dagestanskoy respublikanskoy sanitarnno-epidemiologicheskoy
stantsii

(Q FEVER, epidemiology,
in Russia (Rus))

SHARBATOV, Ivan Tigranovich, inzhener; SERGEYEVA, A.I., inzhener, redaktor;
BOBROVA, Ye.N., tekhnicheskii redaktor

[Routine maintenance of tracks on gravel road beds] Tekushchee
soderzhanie puti na shchebenochnom osnovanii. Moskva, Gos. transp.
zhel-dor. izd-vo, 1957. 98 p. (MIRA 10:11)
(Railroads--Track)

CHERNYSHEV, Mikhail Andreyevich, kandidat tekhnicheskikh nauk; SERGEYEVA,
A.I. inzhener, redaktor; SOROKIN, N.N., inzhener, redaktor;
BOBROVA, Ye.N., tekhnicheskii redaktor

[Laying, maintaining and repairing tracks] Ustroistvo, sodержanie
i remont puti. Moskva, Gos.transp.zhel-dor.izd-vo, 1957. 451 p.
(Railroads--Track) (MIRA 10:9)

SHVAREV, Boris Leonidovich, inzh.; SERGEYEVA, A.I., red.; BOBROVA, Ye.N.,
tekhn. red.

[Increasing the length of service of wooden ties] Prodlenie sroka
sluzhby dereviannykh shpal. Moskva, Gos. transp. zhel.-dor. izd-vo,
1958. 19 p. (MIRA 11:9)

(Railroads--Ties)

SHUL'GA, Valeriy Yakovlevich, dots., kand. tekhn. nauk; SERGEYKVA, A.I.,
inzh., red.; BOBROVA, Ye.M., tekhn. red.

[Track and roadbed of French railroads] Verkhnee stroenie zheleznodorozhnogo puti Frantsii. Moskva, Gos. transp. zhel.-dor. izd-vo, (MIRA 11:9)
1958. 92 p.

(Railroads--Track)

KOLESNIKOV, Pavel Ivanovich, kand.tekhn.nauk; LIDERS, Georgiy Vladimirovich, kand.tekhn.nauk; ERADZE, David Georgiyevich, inzh.; SERGEYEVA, A.I., inzh., red.; VERINA, G.P., tekhn.red.

[Rail-lifting repair of tracks; practices of track repairmen of the Stalino, North Caucasus, and Southwestern Railroad] Pod"-
emochnyi remont puti; opyt puteitsev Stalinskoi, Severo-Kav-
kazskoi i Iugo-Zapadnoi dorog. Moskva, Gos. transp. zhel-dor.
izd-vo, 1958. 99 p. (MIRA 11:12)

(Railroads--Track)

ZHEREBIN, M.I., inzh.; SERGEYEVA, A.I., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Manual for the section foreman] Pamiatka brigadiru puti. 6. perer.
izd. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 122 p. (MIRA 11:12)

(Railroads--Track)

YBRSHKOV, Oleg Petrovich kand.tekhn.nauk; SERGEYEVA, A.I., inzh., red.;
BOBKOVA, Ye.N., tekhn.red.

[Preparing the railroad track for high-speed traffic]
Voprosy podgotovki zheleznodorozhnogo puti k vysokim skorostiam
dvizhenia. Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 123 p.
(Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 176). (MIRA 13:1)
(Railroad engineering)

POPOV, Vladimir Vasil'yevich; TROITSKIY, Mikhail Dmitriyevich;
ZHERBIN, Mikhail Isaakovich; SERGEYEVA, A.I., inzh.,
red.; KHITROV, P.A., tekhn.red.

[Maintenance of wooden ties] Ukhod za dereviannymi
shpalami. Moskva, Gos.transp.zhel-dor.izd-vo, 1959.
126 p. (MIRA 13:1)

(Railroads--Ties)

(Railroads--Maintenance and repair)

MIKONI, Vitaliy Vikent'yevich; STROCHKOV, Aleksey Afanas'yevich; SERGHEYEVA,
A.I., inzh., red.; VERINA, G.P., tekhn. red.

[Installation and maintenance of railroad switches] Ukladka i
soderzhanie strelochnykh perevodov. Moskva, Gos. transp. zhel-dor.
izd-vo, 1958. 213 p. (MIRA II:7).
(Railroads--Switches)

LYUTTS, Aleksandr Fedorovich, prof.; SOROKIN, Vasily Pavlovich,
dotsent; ZARETSKIY, A.O., inzh., red.; ~~SERGEYEVA, A.I., inzh.,~~
red.; BOBROVA, Ye.H., tekhn.red.

[Survey work in road construction] Geodezicheskie raboty v
putevom khoziaistve. Moskva, Gos.transp. zhel-dor.izd-vo,
1959. 183 p. (MIRA 12:9)
(Surveying) (Road construction)

GRUSHEVOY, Nikolay Gavrilovich, inzh.; SERGEYEVA, A.I., inzh., red.;
BOBROVA, Ye.N., tekhn.red.

[Deformation of embankments] Deformatsii nasypei. Moskva, Gos.transp.
zhel-dor. izd-vo, 1959. 218 p. (Moscow. Vsesoiuznyi nauchno-
issledovatel'skii institut zheleznodorozhnogo transporta.
Trudy, no.179) (MIRA 13:3)
(Railroads--Earthwork)

BROMBERG, Yefim Moiseyevich, kand.tekhn.nauk; SERGEYEVA, A.I., inzh.,
red.; BOBROVA, Ye.N., tekhn.red.

[Continuous rails] Besstykovyi put'. Moskva, Vses.izdatel'sko-
poligr.ob"edinenie M-va putei soobshchenia, 1960. 49 p.
(Railroads--Track) (MIRA 13:8)

ANDREYEV, Georgiy Yefimovich, kand.tekhn.nauk; SOKOLOV, Aleksey Alekseyevich,
inzh.; PUSHKIN, Petr Sergeevich, kand.tekhn.nauk; SERGEYEVA, A.I.,
inzh., red.; BOBROVA, Ye.H., tekhn.red.

[Use of electric power for track maintenance operations] Opyt
elektrosnabzheniia putevykh robot. Moskva, Vses.izdatel'sko-
poligr.ob"edinenie M-va putei soobshcheniia, 1960. 110 p.

(MIRA 13:9)

(Railroads--Maintenance and repair) (Railroads--Electric equipment)

BEZRUCHKO, Viktor Sergeevich; SERGEYEVA, A.I., inzh., red.; KHITROV,
P.A., tekhn.red.

[Fundamentals of geodesy] Osnovy geodezii. Moskva, Vses.
izdatel'sko-poligr.ob*edinenie M-va putei soobshcheniia, 1960.
178 p. (MIRA 13:10)

(Railroads--Surveying)

ZHIL'TSOV, Vladimir Nikolayevich; MOSIN, Yevgeniy Tikhonovich; SERGEYEVA,
A.I., inzh., red.; VERINA, G.P., tekhn.red.

[Arrangement and maintenance of the track of the Moscow subway]
Ustroistvo i sodержanie puti Moskovskogo metropolitena. Moskva,
Vses.izdatel'sko-poligr.ob'edinenie M-va putei soobshcheniia,
1960. 294 p. (MIRA 13:5)
(Moscow--Subways--Maintenance and repair)

STRAMOUS, Mikhail Fedorovich; KATSEN, I.Ye., inzh., red.; SERGEYEVA,
A.I., red.; BOBROVA, Ye.N., tekhn, red.

[Maintenance and repair of machinery in railroad construction]
Remont mashin na zheleznodorozhnom stroitel'stve. Izd.2. Moskva,
Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshchenia,
1960. 323 p. (MIRA 14:1)
(Railroads--Maintenance and repair)
(Railroads--Equipment and supplies)

BOL'SHAKOV, K.P., kand.tekhn.nauk; DUCHINSKIY, B.N., kand.tekhn.nauk
[deceased]; MOISEYEV, I.A., kand.tekhn.nauk; SERGEYEVA, A.I.,
red.; KHITROV, P.A., tekhn.red.

[Investigating welded joints in metal and reinforced concrete
bridges] Issledovaniia svarnykh soedinenii metallicheskikh i
zhelezobetonnykh mostov. Moskva, Vses.izd-ko poligr. ob"edinenie
m-va putei soobshcheniia, 1960. 392 p. (Babushkin. Vsesoiuznyi
nauchno-issledovatel'skii institut transportnogo stroitel'stva.
Trudy, no.35) (MIRA 13:4)

(Bridges--Welding) (Welding--Testing)

DANYUSHEVSKIY, A.S.; VOROB'YEVA, A.F.; SERGEYEVA, A.I.

Studies in the field of the stabilization of polyvinyl chloride.
Report No.2: Epoxydation of vegetable oils and fish fat and their
use as stabilizers and plasticizers of polyvinyl chloride. Plast.
massy no.11:20-23 '60. (MIRA 13:12)
(Ethylene) (Oils and fats) (Plasticizers)

NALICHAYEV, Vladimir Nikolayevich, inzh.; FEDULOV, Vasilii Fedorovich, inzh.; KANTOR, V.B., inzh., retsenzent; SERGEYEVA, A.I., inzh., red.; USENKO, L.A., tekhn. red.

[Tracklaying and maintenance of tracks with reinforced-concrete ties; practices of track machinery points and track divisions]
Ukladka i sodержanie puti na zhelezobetonnykh shpalakh; opyt putevykh mashinnykh stantsii i distantsii puti. Moskva, Vses. izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1961. 69 p.
(MIRA 14:12)

(Railroads—Maintenance and repair) (Railroads—Ties, Concrete)

MILEKHIN, K.I., inzh., red.; SERGEYEVA, A.I., inzh., red.; BOBROVA,
Ye.N., tekhn.red.

[Hydraulic device for servicing railroad tracks; design, operation,
and repair] Gidravlicheskii putevoi instrument; ustroistvo,
ekspluatatsiia i remont. Moskva, Vses.izdatel'sko-poligr.ob"edi-
nenie M-va putei soobshcheniia, 1961. 79 p.

(MIRA 14:6)

(Railroads--Equipment and supplies) (Hydraulic machinery)

MELEKHIN, K.I., inzh., red.; SERGEYEVA, A.I., inzh., red.; USENKO, L.A.,
tekh. red.

[Combined road planer and snow plow; construction features, operation, and repair] Strug-snegochistitel'; ustroistvo, ekspluatatsiia i remont. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 94 p. (MIRA 14:7)
(Snow plows) (Road machinery)

DANILOV, Vladimir Nikolayevich, doktor tekhn. nauk; KOROLEV, K.P., prof.,
retsenzent; YAKOVLEV, V.F., kand. tekhn. nauk, retsenzent; SER-
GEYEVA, A.I., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Railroad track and its interaction with the rolling stock]
Zheleznodorozhnyi put' i ego vzaimodeistvie s podvizhnym sostavom.
Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshche-
niia, 1961. 110 p. (MIRA 14:8)

(Railroads—Track)

MILEKHIN, K.I., inzh., red.; SERGEYEVA, A.I., inzh., red.; BOBROVA, Ye.N.,
tekhn. red.

[Electric tools for track maintenance and repair] Elektricheskii
putevoi instrument. Moskva, Vses.izdatel'sko-poligr. Ob"edinenie
M-va putei soobshcheniia, 1961. 133 p. (MIRA 14:6)
(Railroads--Electric equipment)

SHABALIN, Georgiy Ivanovich, inzh. Prinsipalni uchastiye: VILAND, S.M.,
inzh.; SHNEYEROVA, L.S., inzh. CHLENOV, M.T., kand.tekhn.
nauk, retsenzent; SERGEYEVA, A.I., inzh., red.; VOROTNIKOVA,
L.F., tekhn.red.

[Railroad track inspection] Tekhnicheskie osmotry zhelezno-
dorozhnogo puti. Moskva, Vses.izdatel'sko-poligr.ob"edinenie
M-va putei soobshchenia, 1961. 139 p. (MIRA 14:12)

1. Upravleniye Oktyabr'skoy dorogi (for Viland, Shneyerova).
(Railroad--Track)

TYURENKOV, Ivan Il'ich; IESHCHILOVSKIY, I.F., retsenzent; SERGEYEVA,
A.I., inzh., red.; KHITROVA, N.A., tekhn.red.

[Snow removal on railroad districts] Snegobor'ba na distantcii
puti. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei
soobshchenia, 1961. 175 p. (MIRA 14:6)
(Railroads--Snow protection and removal)

SERGEYEVA, A.I.

Decrease in the size of roach in the northern Caspian. Trudy
sov. Ikht. kom. no.13:402-410 '61. (MIRA 14:8)

1. Kaspiyskiy nauchno-issledovatel'skiy institut rybnogo
khozyaystva i okeanografii - KaspNIRO.
(Caspian Sea—Roach (Fish))

SHVAREV, Boris Leonidovich; KANTOR, V.B., inzh., retsenzent; SERGEYEVA,
A.I., inzh., red.; KHITROVA, N.A., tekhn. red.

[Lengthening the service life of wooden ties] Prodlenie sroka
sluzhby dereviannykh shpal. Moskva, Vses. izdatel'sko-
poligr. ob"edinenie M-va putei soobshcheniia, 1962. 45 p.
(MIRA 15:3)

(Railroads--Ties)

KOZLOV, Viktor Borisovich, inzh.; LYSENKO, Il'ya Mitrofanovich, inzh.;
USPENSKIY, Ye.I., inzh., red.; SERGEYEVA, A.I., red.;
VASIL'YEVA, N.N., tekhn.red.

[Using rail defectoscopes] Opyt primeneniia rel'sovykh
defektoskopov. Moskva, Vses.izdatel'sko-poligr.ob'edinenie
M-va putei soobshcheniia, 1962. 62 p.

(MIRA 15:5)

(Railroads--Rails--Defects)

AL'BREKHT, Vladimir Georgiyevich, prof.; BOLOTIN, Vasily Ivanovich,
inzh.; KARPOV, N.A., kand. tekhn. nauk, retsenzent; SERGEYEVA,
A.I., inzh., red.; VERINA, G.P., tekhn. red.

[Small-scale mechanization of the operations in track maintenance
and repair] Malaja mekhanizatsiia v putevom khoziaistve. Moskva,
Tranzheldorizdat, 1962. 124 p. (MIRA 16:1)

(Railroads--Track)
(Railroads--Equipment and supplies)

BLOKHIN, Konstantin Agapovich; PASHININ, Sergey Afanas'yevich; CHLENOV, M.T., kand. tekhn. nauk, retsenzent; MALICHAYEV, V.N., inzh., retsenzent; BORISOV, V.M., inzh., retsenzent; MELENETS, V.V., inzh., retsenzent; SERGEYEVA, A.I., inzh., red.; BOBROVA, Ye.H., tekhn. red.

[Track overhauling operations] Kapital'nye putevye raboty. Moskva, Transzheldorizdat, 1962. 326 p. (MIRA 15:12)
(Railroads--Maintenance and repair)

POVARENKOV, Sergey Dmitriyevich; MOROSHKIN, Aleksey Sergeevich;
TRET'YAKOV, Aleksandr Dmitriyevich; POTOTSKIY, G.I., inzh.,
retsenzent; SERGEYEVA, A.I., inzh., red.; KHITROVA, N.A.,
tekhn. red.

[Maintenance and repair of the railroad track] Soderzhanie i
remont zheleznodorozhnogo puti. Moskva, Vses.izdatel'sko-
poligr. ob"edinenie M-va putei soobshchenia, 1962. 374 p.
(MIRA 15:3)

(Railroads--Track)

SHABALIN, Georgiy Ivanovich; ANDREYEV, Georgiy Yefimovich; BOGDANOVA, Mariya Konstantinovna; LASHKOV, Aleksandr Nikolayevich; YERSHKOV, O.P., kand. tekhn. nauk, retsenzent; SERGEYEVA, A.I., inzh., red.; VOROB'YEVA, L.V., tekhn. red.

[The track on high-speed train sections; work practice of the railroad workers of the October Railroad] Put' na uchastkakh skorostnogo dvizhenia poezdov; opyt raboty putcitsev Oktiabr'skoi dorogi. Moskva, Transzheldorizdat, 1962. 71 p.

(MIRA 15:10)

(Railroads--Track)

MIKITENKO, A.M.; SHILIN, A.M.; SERGEYEVA, A.I., inzh., red.;
VOROTNIKOVA, L.F., tekhn. red.

[In the struggle for communist labor] V bor'be za kommu-
nisticheskii trud; opyt raboty Darnitskoi distantsii puti.
Moskva, Transzheldorizdat, 1963. 20 p. (MIRA 16:5)
(Kiev--Railroads) (Efficiency, Industrial)

CHIBIZOV, Grigoriy Alekseyevich; CHLENOV, M.T., kand. tekhn. nauk, retsenzent; NENASHKINA, Z.I., inzh., retsenzent; MOROSHIN, P.V., dots., retsenzent; SERGEYEVA, A.I., inzh.red.; USENKO, N.A., tekhn.red.

[Mechanized methods of eliminating frost heave] Mekhanizirovannye sposoby likvidatsii puchin; opyt puteitsev Vostochno-Sibirskoi, Iuzhno-Ural'skoi i Zapadno-Sibirskoi dorog. Moskva, Transzheldorizdat, 1963. 55 p. (MIRA 16:3)
(Frozen ground) (Railroads--Construction)

SIDORENKO, Aleksandr Mikhaylovich, kand. tekhn. nauk; PAVLOV, V.I.,
red.; SERGEYEVA, A.I., red.; DROZDOVA, N.D., tekhn. red.

[Consolidation of track management subdivisions; experience
of the Northern Caucasus Railroad] Ukreplenie puteiskikh
podrazdelenii; opyt Severo-Kavkazskoi dorogi. Moskva, Trans-
zheldorizdat, 1963. 47 p. (MIRA 16:5)
(Caucasus, Northern--Railroads--Management)

ANDREYEV, G.A., kand. tekhn.nauk; SERGEYEVA, A.I., inzh., red.;
KHITROVA, N.A., tekhn. red.

[New equipment and advanced technology in the operation,
maintenance and repair of tracks; work practice of the
track workers of the Oktiabr' Railroad] Novaja tekhnika i
peredovaja tekhnologija v putevom khoziaistve; opyt pu-
teitsev Oktiabr'skoj dorogi. Moskva, Transzheldorizdat,
1963. 161 p. (MIRA 16:6)

(Railroads--Track)

ULYUYEV, D.I., inzh.; BOLOTIN, V.I., inzh., retsenzent; BELETSKIY,
V.V., inzh., retsenzent; SERGEYEVA, A.I., inzh., red.;
KHITROVA, N.A., tekhn. red.

[Handbook for the track maintenance worker] Posobie putevomu
rabochemu. Moskva, Transzheldorizdat, 1963. 322 p.
(MIRA 16:8)

(Railroads--Track)
(Railroads--Equipment and supplies)

OLYUYEV, D.I., inzh.; BOLOTIN, V.I., inzh., retsenzent; BELETSKIY,
V.V., inzh., retsenzent; SERGEYEVA, A.I., inzh., red.

[Manual for a track worker] Posobie putevomu rabochemu. Mo-
skva, Transzheldorizdat, 1963. 322p. (MIRA 17:5)

CHERNYSHEV, M.A., prof.; BASILOV, V.V., inzh., retsenzent;
ZAKHAROV, A.A., inzh., retsenzent; PAL'CHUN, P.S.,
inzh., retsenzent; SERGEYEVA, A.I., inzh., red.;
USENKO, L.A., tekhn.red.

[Arrangement, maintenance and repair of tracks] Ustroi-
stvo, sodержanie i remont puti. 2. perer. izd. Moskva,
Transzheldorizdat, 1963. 466 p. (MIRA 17:2)

SERGEY EVA, A.I., inzh., red.

[Optical instrument for track alignment and surfacing]
Opticheskii pribor dlia vypravki i rikhtovki puti.
Moskva, Izd-vo "Transport," 1964. 17 p. (MIRA 17:6)

FRISHMAN, Moisey Abramovich; SERGEYEVA, A.I., red.

[How the track performs under trains] Kak rabotast put'
pod poezdami. Moskva, Izd-vo "Transport," 1964. 130 p.
(MIRA 17:4)

RYABINOV, M.G.; VOLYNSKIY, R.F.; KANTOR, V.B., inzh., retsenzent;
SERGEYEVA, A.I., inzh., red.

[Track division of communist labor; work practices of the
Tartu track division of the Baltic Railroad] Distantziia
puti kommunisticheskogo truda; opyt raboty Tartuskoi dis-
tantsii puti Pribaltiiskoi dorogi. Moskva, "Transport,"
1964. 60 p. (MIRA 17:4)

MISHNAYEVSKIY, Abram Petrovich; SERGEYEVA, A.I., inzh., red.

[Tables for the design and layout of shortened track connections] Tablitsy dlia proektirovaniia i razbivki sokrashchennykh soedinenii puti. Moskva, Izd-vo "Transport," 1964. 95 p. (MIRA 17:6)

САНЧЕРИН, Илья Яковлевич; СЕНСЕНА, А.И., ред.

[Calculating the straightening of railroad curves] Raschet vypravki zheleznodorozhnykh krivykh. Moskva, Izd-vo "Transport," 1964. 107 p. (MIRA 17:5)

НАЛИЧЬЕВ, Владимир Николаевич; БОГОШЕВА, А.И., ред.

[Highly productive utilization of track machinery and
mechanisms] Tysokoproizvoditel'noe ispol'zovanie pute-
vykh mashin i mekhanizmov. Moskva, Transport, 1964.
125 p. (MIRA 17:10)

FRISHMAN, Borisy Abramovich; KHOKHLOV, Ivan Nikolayevich;
YAKOVLEVA, Tat'yana Gorodimovna; SERGEYEVA, A.I., red.

[Railroad roadbed] Zemlianoe polotno zheleznykh dorog.
Moskva, Transport, 1964. 295 p. (MIRA 18:2)

SHARBATOV, Ivan Tigranovich; SERGEYEVA, A.I., red.

[Design and maintenance of tracks in high-speed traffic sections] Ustroistvo i sodержanie puti na uchastkakh skorostnogo dvizheniia. Moskva, Transport, 1965. 151 p.
(MIRA 18:4)

POPOV, Sergey Nikolayevich, kand. tekhn. nauk; SERGEYEVA, A.I.,
red.

[Ballast bed of railroad tracks] Ballastnyi sloi zheleznodorozhnogo puti. Moskva, Transport, 1965. 182 p.
(MIRA 18:4)

TOLMAZOV, Aleksandr Fedorovich, inzh. Prinsipal'noyechastiyev
NALICHAYEV, V.N., inzh.; DANILINA, Ye.A., red.;
SERGEYEVA, A.I., red.

[Electric ballasters] Elektrobailastery. Moskva, Transport,
1965. 131 p. (MIRA 18:3)

IVANOVICHENKO, Georgiy Ivanovich; SERGEYEV, A.I., red.

[New railroad switches] Novye strelochnye perevozy. Moskva, Transport, 1965. 68 p. (NIA 18:9)

I 03004-67 EWT(1) GW/WS-2

ACC NR: AP6033291

SOURCE CODE: UR/0141/66/009/005/1030/1032

80
B

AUTHOR: Alekseyev, V. A.; Krotikov, V. D.; Matveyev, Yu. G.; Mikhaylova, N. B.; Porfir'yev, V. A.; Ryazanov, V. P.; Sergeeva, A. I.; Strezhneva, K. M.; Troitskiy, V. S.; Shmulevich, S. A.

ORG: Scientific Research Institute of Radiophysics, Gor'kiy University (Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete)

TITLE: Results of measurements of lunar radio emissions at wavelengths of 7.93, 11.0, 14.2, and 20.8 cm

SOURCE: IVUZ. Radiofizika, v. 9, no. 5, 1966, 1030-1032

TOPIC TAGS: radio astronomy, parabolic antenna, ^{LUNAR}radio emission, LUNAR ENVIRONMENT

ABSTRACT: The mean effective temperature of the moon was measured in 1964-1965 at Zimenki Station on the 7.93, 11.0, 14.2, and 20.8 cm wavelengths. The basic measuring equipment included a radio telescope antenna 4 m in diameter and two receivers operating on wavelengths of 7.5-15 cm and 15-30 cm. The fluctuation sensitivity threshold of the receiving equipment was from 0.4° to 0.7° at a time constant of 16 sec. The radio emission of the moon was compared with the reference emission of a disk (diameter, 380 cm) coated with absorbing material. The disk was placed in the Fraunhofer region, 230 m from the telescope aperture. The results of measurements of the phase dependence of the moon's effective temperature are shown

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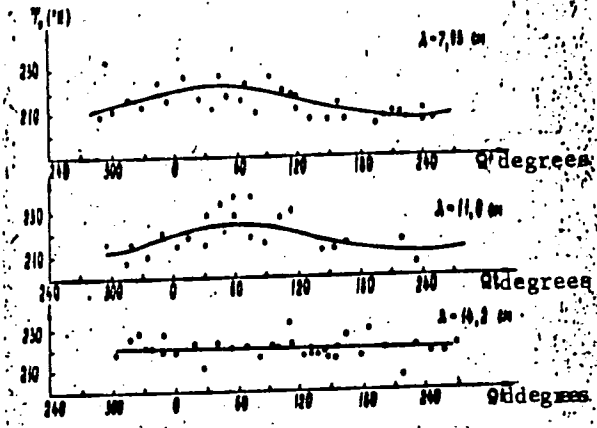


Fig. 1. Phase dependence of the mean effective temperature of the moon

in Fig. 1. A small change in the mean effective temperature as a function of the lunar phase was noted on the 7.93 cm and 11 cm wavelengths. The rms dispersion of the experimental points in regard to the approximated curves is $\pm 3^\circ$. The variable portion of lunar radio emission should theoretically be 3.5—4K for the 14.2-cm wavelength. Since the rms dispersion of experimental points approximately equals this value,

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ACC NR: AP6033291

Fig. 1. shows only the value of the constant component of the mean effective temperature which was 221K. Measurements on the 20.8-cm wavelength were conducted during the partial phase cycle. The constant component of the mean effective temperature for this wavelength was 225K. Error did not exceed $\pm 0.5\%$. Orig. art. has: 1 formula, 1 table, and 1 figure.

SUB CODE: 03/ SUBM DATE: 25Feb66/ ORIG REF: 003/ ATD PRESS: 5099

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Card 3/3

SERGEYEVA, A.I. —

Qualitative characteristics of the roach *Rutilus rutilus caspicus*
Jak. in the western and eastern parts of the northern Caspian
Sea. Vop. ikht. 3 no. 1:29-38 '63. (MIRA 16:2)

1. Kaspiyskiy nauchno-issledovatel'skiy institut morskogo rybnogo
khozyaystva i okeanografii (KaspNIRO), Astrakhan'.
(Caspian Sea—Roach (Fish))

SERGEYEVA, A.M.

Method of studying the progamic phase in angiosperms [with summary
in English]. Vest. LGU 13 no.3:15-20 '58. (MIRA 11:5)
(Fertilization of plants)

SPASIBOVA, A. M., Cand Agr Sci -- (diss) "Accelerated evaluation of the productive and breeding qualities of hens of the meat-egg varieties. (From the example of the hens of the Moscow breed group)." Moscow, 1960. (From the example of the hens of the Moscow breed group); 18 pp; Moscow. Order of Lenin Agricultural Academy in K. A. Timiryazev); 120 copies; price not given; (KL, 24-60, 154)

SERGEYVA, A.M.

Progressive experience of the Moscow Province schools.
Biol. v shkole no.6:47-49 K-D '61. (MIRA 14:11)

1. Inspektor Moskovskogo oblastnogo otdela narodnogo obrazovaniya.
(Moscow Province--Biology--Study and teaching)

MELKOV, V.G.; SERGEYEVA, A.M.

Some data on coffinite. Zap.Vses.min.ob-va 92 no.2:125-135
'62. (MIRA 15:6)

(Coffinite)

BABIY, L.T., kand. sel'khoz. nauk; STOLLYAR, T.A., kand. sel'khoz. nauk; ASANOV, P.M., assistent; SELYANSKIY, V.M., kand. sel'khoz. nauk; LOBIN, N.V., kand. sel'khoz. nauk; KOVIN'KO, D.A., kand. biol. nauk; MASLIYEVA, O.I., kand. sel'khoz. nauk; PETROV, V.M., kand. veter. nauk; ANAN'YEV, P.K., kand. veter. nauk; PENIONZHKEVICH, E.E., doktor biol. nauk, prof.; SERGEYEVA, A.M., kand. sel'khoz. nauk; BALANINA, O.V., kand. sel'khoz. nauk; GRIGOR'YEV, G.K., st. nauchnyy sotr.; KRIKUN, A.A., Geroy Sotsialisticheskogo Truda, kand. sel'khoz. nauk; YAROVY, P.F., kand. veter. nauk; BELOKOBYLENKO, V.T., nauchnyy sotr.; GROMOV, A.M., kand. sel'khoz. nauk; MOSIYASH, S., red.; NAGIBIN, P., tekhn. red.

[Handbook for poultrymen] Kniga ptitsevoda. Alma-Ata, Kaz-
sel'khozgiz, 1962. 354 p. (MIRA 16:5)
(Kazakhstan--Poultry)

SERGEYEVA, A.N. (Kazan').

Constructing a segment, imbedding a given angle, on a given line.

Mat. v shkole no.5:37-38 S-0 '58.

(MIRA 11:10)

(Geometry, Plane)

SERGEYEVA, A.N.

Brightness variations of minor planets. Publ. KAO no.11:
70-81 '62. (MIRA 16:7)

(Planets, Minor)

SERGEYEVA, A. N., VSEKHSVUATSKIY, S. K., and ZEMAREK, Ye., N.

"System of Indices of Solar Activity," Publikatsii Kievsk. astronom. observ.,
No 5, 1953, pp 147-154

Kiev Astronomical Observatory compiled data of the number of days of observations carried out in years 1947-1949 by ten observatories: those of Tashkent, Kharkov, Kiev, Odessa, Abastuman, Kazan, Lvov, NIIZM (Scientific Research Institute of Terrestrial Magnetism), Irkutsk and Crimea. Discrepancies in evaluations from the average by all mentioned observatories are given. The average error is about 6.5%. The introduction of a unique method of observations and a unique system of indexes is considered essential. (RZhAstr, No 4, 1955)

SO: Sum. No. 562, 6 Jul 55

ZEL'DINA, M.Yu.; ZEMANEK, Ye.N.; SERGEYEVA, A.N.; TURCHANINOVA, E.V.

Solar activity in 1951. Publ.Kiev.astron.observ.no.6:113-119 '54.
(Sun) (MIRA 9:4)

SERONIEVA, A.N.

ZEL'DINA, M.Yu.; ZRMANEK, Ye.N.; SERONIEVA, A.N.

Observations of the solar photosphere and chromosphere at the Kiev
Astronomical Observatory in 1942-1945. Trudy KAO 1:81-300 '56.
(Sun--Observations) (MIRA 10:9)

SERGEYEVA, A.N.; ZEL'DINA, M.Yu.

Chromospheric activity of the sun from 1948 to 1949. Publ.
Kiev. astron. obser. no.7:95-104 '56. (MLRA 9:12)

(Sun--Prominences)

SERGEYEVA, A. N., N. P. BARABASHOV, V. I. YEMERSKIY, V. A. FEDCRETS, V. S. TEIFEL
and T. A. POLOZHENTSEVA

"The Determination of Color Contrasts on the Surface of the Moon by Means
of Photographic Spectrophotometry."

Report presented at the Plenary Meeting of the Committee of Planetary Physics,
Council of Astronautics, Moscow, 10-12 July 1969.
(Eos, AM STURM, 1970, No. 8, p. 113-114)

ZEL'DINA, M.Yu; ZEMANEK, Ye.N.; SERGEYEVA, A.H.

Observations of the sun's photosphere and chromosphere at the
Astronomical Observatory of Kiev University in 1946-1950. Trudy
KAO 2:3-468 '58. (MIRA 13:4)
(Sun)

SERGEYEVA, A.N.

Spectrophotometry of lunar features. Izv.Kom.po fiz.plan.
no.1:59-66 '59. (MIRA 13:7)
(Moon--Surface) (Spectrophotometry)

SERGEYEVA, A. N., MIKHALEVICH, K. N

"On sulfur containing derivatives of cyano complexes of some metals"

report presented at the ~~Moscow Symposium on the Theory and Structure of Complex Compounds~~ and the Seventh Intl. Conference on Coordination Chemistry, 25-29 June 1962. Stockholm

SERGEYEVA, A.N.; MIKHALEVICH, K.N.

Sulfur-containing tricyanonickelate of potassium. Zhur.neorg.
khim. 7 no.3:686-688 Mr '62. (MIRA 15:3)

1. L'vovskiy politekhnicheskii institut.
(Potassium compounds) (Cyanonickelates)

L 24890-65 FSF(h)/FSS-2/EWT(1)/EWG(v)/FCC/EWA(a)/EEC(t)/T/EED(b)-3 Pn-4/Po-4/
Pe-5/Pq-4/Pae-2/Pi-4 IJP(c) MLK/GW/WS

ACCESSION NR: AT4049982

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42
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AUTHOR: Sergeyeva, A.N.

TITLE: Spectral investigations of the lunar surface

SOURCE: AN UkrSSR. Glavnaya astronomicheskaya observatoriya. Fizika Luny* i planet
(Physics of the moon and planets). Kiev, Naukova dumka, 1964, 30-45

TOPIC TAGS: photographic photometry, lunar surface albedo, brightness distribution,
lunar color contrast

ABSTRACT: The author studied 56 lunar spectrograms by the method of photographic photometry in order to evaluate the color differences of about 200 lunar details. The apparatus used involved a quartz spectrograph, installed in the focal region of a spherical mirror mounted on a precision sidereal stand. The spectrograph dispersion at 5000 A was 65 A per mm. The spectral bandwidth investigated was 3420-6500 A. For this purpose, two kinds of plates were used, Agfa Spectral Platten Rod Rapid for the longer wavelengths and Astro Agfa for the shorter wavelengths. The slit width was 0.75 mm. To improve precision, a single 9x12 cm plate was used for 4 spectra of lunar details, an average attenuated spectrum of the lunar surface and the spectrum of one standard object, the

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ACCESSION NR: AT4049982

Meneley crater and vicinity. This excluded the influences of plate individuality and polarization changes. The results are given in a table listing the times of observation of each lunar detail, and 15 tables showing the % deviations of each lunar detail from the standard at various wavelengths. The deviations were generally under 10%. The relative mean square error of the results was 3%. Because of the lower dispersion of quartz at longer wavelengths, this was higher in the red portion. A few moon details (Craters Aristarchus and Grimaldi only) showed plus deviations of 15 - 18% in the red end. The authors consider the low value of the average deviation from the standard to be a sufficient reason to conclude that the real color contrasts of lunar details are too small to be detected with any confidence by the method of photographic photometry. "In conclusion, the author thanks N. A. Yakovkin for his guidance and help." Orig. art. has: 17 tables and 2 figures.

ASSOCIATION: None

SUBMITTED: 07May64

ENCL: 00

SUB CODE: AA

NO REF SOV: 002

OTHER: 000

Card 2/2

USSR / Chemical Technology. Chemical Products and Their Appli- I-31
cation. Leather. Fur. Gelatin. Tanning Agents.
Technical Proteins.

Abs Jour : Ref Zhur - Khimiya, No 3, 1957. No 10520

Author : Berkman, Ya. P. and Sergeeva, A.N.

Inst : Lvov Polytechnic Institute

Title : Synthesis of a Naphthalene-Sulfonic Dye for White Skins

Orig Pub : Nauch. zap. L'vovsk. politekhn. in-ta, 1956, No 2, 121-126

Abstract : The preparation of synthetic dyes for white skins by the
condensation of naphthalene- β -sulfonic acid (I) and dihy-
droxydiphenylsulfone (II) with CH_2O has been investigated.
The condensation is carried out in an aqueous medium at
100-120°. The mechanism of the reaction has not been esta-
blished. Dye specimens have been prepared from pure I and
technical sulfur masses containing various amounts of
free H_2SO_4 as well as from technical sulfur masses and

Card : 1/2

USSR / Chemical Technology. Chemical Products and Their Application. Leather. Fur. Gelatin. Tanning Agents. Technical Proteins.

Abs Jour Ref Zhur .. Khimiya, No 3, 1957, No 10517

Abstract chroming and the substitution of acid-alcohol polish for formalin polish, with smoothing at a lower temperature. Batches produced by the above method have shown excellent quality.

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