ANOKHIN, Grigoriy Aleksandrovich, inzhener; PALEVSKIY, S.A., nauchnyy redaktor; TYAPKIN, B.G., redaktor izdatel'stva; PERSON, M.N., tekhnicheskiy redaktor

[Masonary] Kamennye raboty. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekture, 1956. 181 p. (MIRA 9:9)
(Masonry)

RUDERMAN, Arkadiy Georgiyevich, inzhener; PALEVSKIY, S.A., inzhener, nauchnyy redaktor; TYAPKIN, B.G., redaktory izdatel'stva; UDOD, V.Ya., redaktor izdatel'stva; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[Masonry work in cold weather] Proizvodstvo kamennykh rabot v zimnikh usloviiakh. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekture, 1956. 65 p. (MLRA 9:9)
(Masonry--Cold weather conditions)

RUDERMAN, Arkadiy Georgiyevich, inzhener; PALEVSKIY, S.A., inzhener, nauchnyy redaktor; TYAPKIN, B.G., redaktory izdatel'stva; UDOD, V.Ya, redaktor izdatel'stva; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[Masonry work in cold weather] Proizvodstvo kamennykh rabot v zimnikh usloviiakh. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekture, 1956. 65 p. (MLRA 9:9)
(Masonry--Cold weather conditions)

PALEVSKIY, S.A., inzhener.

Experience in delivering masonry mortars through pipes under pressure.
Gor.khoz.Mosk. 29 no.3:36-38 Mr '55. (MLRA 8:5)
(Mortar) (Bricklaying)

BALIKHIN, M.I., inzhener; PALEVSKIY, S.A., inzhener.

For economy and lower costs in building materials. Gor.khoz.Mosk. 28 no.1:15-18 Ja '54. (MLRA 7:2)
(Building materials)

PAL'VSKIY, S.A., inzhener.

Mass production of rafters and joists. Gor.khoz.Mosk. 28 no.12: 34-35 D '54. (MLRA 8:3)
(Roofs) (Girders)

PALEVSKIY, S. A. (Engr.)

Plasterboard

Experience in the use of "dry plaster." Stroi. tekh. 7, No. 15, 1952.

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

1. PASHCHENKO, N. Ye, PALEVSKIY, S.A., Engs.

2. USSR (600)

4. Building Materials

7. Building construction with large blocks., Gor.khoz.kosk., 26, No.11, 1952

9. **Monthly List of Russian Accessions**, Library of Congress, February 1953. Unclassified.

PALEVSKIY, S.A., inzhener, redaktor.

[Interior building finishing with dry plaster] Vnutrenniaia otdelka zdanii sukhoi shtukaturkoi. Moskva, Gos. izd-vo lit-ry po stroitel'-stvu i arkhitekture, 1953. 45 p. (MLRA 7:1)
(Plastering)

MARKOV, Dmitriy Aleksandrovich, inzh.; PALEVSKIY, S.A., inzh., nauchnyy red. Prinimal uchastiye POLUEKTOV, B.M.[deceased]; VDOVENKO, Z.I., red. izd-va; NAUMOVA, G.D., tekhn. red.

[Technology and organization of building and assembling operations] Tekhnologiia i organizatsiia stroitel'no-montazhnykh rabot. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 483 p. (MIRA 15:2)
(Building)

PALEWICZ, F.

Nitrogen and carbon metabolism of Mycobacterium tuberculosis on a synthetic medium. Med.dosw.Mikrob. 2 no.2:234-235 1950. (CLML 20:6)

1. Summary of the report given at 10th Congress of the Polish Microbiological and Epidemiological Society geld in Gdansk, Sept. 1949. (Gdansk).

PALEY, A.

"Three lives of Jules Verne" by Kirill Andreev; "Jules Verne" by B. Brandis; "Jules Verne" by Leonid Borisov. Reviewed by A. Paley. Tekh. mol. 25 no.9:38 S '57. (MLRA 10:9)
(Verne, Jules, 1828-1905)
(Andreev, Kirill) (Brandis, B.) (Borisov, Leonid)

PALEY, A.

"Conquerors of the space" by IU.Moralevich. Reviewed by A.Palei.
IUn.tekh. no.6:78 Je '57. (MLRA 10:7)
(Transportation)
(Moralevich, IU.)

PALEY, A.

27-11-15/31

AUTHOR: Kleymenov, I., Chief of Mechanical Assembly Shop of the Plant imeni Vladimir Il'ich , and Paley, A., Senior Foreman of the Shop

TITLE: A Graduate Came to the Workshop (Vypusknik prishel v tsekh) From the Plant's Experience (Iz zavodskogo opyta)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, 1957, # 11, p 22-23 (USSR)

ABSTRACT: The article states that the collective of any enterprise is, to a considerable extent, composed of graduates of trade schools and FZO. The Mechanical Assembly Shop of the Plant imeni Vladimir Il'ich is typical in this respect. Every year, many new workmen come to the shop from Trade School # 51 (Remeslennoye uchilishche # 51). The article emphasizes that the youths quickly learn to handle the tools and equipment and show high productiveness. A number of men who have distinguished themselves in their jobs, and others who have been less successful are mentioned. The article describes the cases where the young workmen have displayed zeal, and complains about the little attention given by the foremen to the students

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PALEY, A.

In the world of books and magazines ("Two hundred twenty days of interstellar flight" G.Martynov. Reviewed by A.Palei). Tekh.mol. 24 no.8:38 Ag '56. (MLRA 9:9)
(Interplanetary voyages)

PALEY, A.

Workshop bureau of new potentials. Sots. trud 6 no.9:106-111 S '61. (MIRA 14:9)

1. Rukovoditel' tsekhovogo byuro novykh rezervov, zamestitel' nachal'nika shtampovochno-zagotovitel'nogo tsekha elektromekhanicheskogo zavoda imeni Vladimira Il'icha. (Moscow--Electric machinery industries) (Sheet-metal work) (Suggention systems)

PALEY, A.B., starshiy prepodavatel'; VOLKOV, A.I.

New universal automatic device for weft straightening in fabrics. Tekst. prom. 25 no.3:59-60 Mr '65. (MIRA 18:5)

1. Kafedra teoreticheskoy fiziki Ivanovskogo pedagogicheskogo instituta (for Paley). 2. Starshiy inzh. laboratorii elektroprivoda i avtomatiki Spetsial'nogo konstruktorskogo byuro po proyektirovaniyu krasil'no-otdelochnogo oborudovaniya Verkhne-Volzhskogo Soveta narodnogo khozyaystva (for Volkov).

L 33771-66 EWT(1) GW

ACC NR: AP6025875 SOURCE CODE: UR/0003/65/000/010/0056/0059

AUTHOR: Paley, A. B.

ORG: Ivanovo State Pedagogical Institute im. D. A. Furmanov (Ivanovskiy gosudarstvennyy pedagogicheskiy institut)

TITLE: Photographic sky service

SOURCE: Vestnik vysshey shkoly, no. 10, 1965, 56-59

TOPIC TAGS: astrograph, photographic astronomy, education

ABSTRACT: Specialists and students at Ivanovo Pedagogical Institute have found that expensive apparatus is not required for astrophotographic study of variable stars. They constructed an astrograph of spare parts which has proven very effective for this purpose. With this apparatus, whose construction is described, it is possible to obtain the trails of stars to the eighth and ninth stellar magnitudes. Two unannotated photographs accompany the text; the survey process also is described briefly. The camera which is used has an I-13 objective, uses 9 x 12-cm photo plates, and covers a region of the sky with angular dimensions of 17 x 25°.5; with proper adjustment it is possible to record stars to the 13th magnitude. It is suggested that similar apparatus could be used systematically for the study of variables at the approximately 200

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ACC NR: AP6025875

pedagogical institutes of the USSR where astronomy is taught. The instructors should organize and direct such stations. The operation of the apparatus could be done by students as part of the course. These stations then should be organized into an All-Union Photographic Sky Service whose work could be overseen by the Commission on Star Variables of the Astronomical Council. The chiefs of 30-40 of the first stations should meet in a conference to work out objectives, details and problems. The work should be organized so that each station specializes in three or four constellations. This should result in speedier detection of new novae and supernovae. This plan would free astronomers to devote their time and instruments to study of stars fainter than the 13th magnitude. Orig. art. has: 2 figures. [JPRS: 36,553]

SUB CODE: 03, 05 / SUBM DATE: none

Card 2/2

PALEY, A. B. (g. Ivanovo)

Star clock. Fiz. v shkole 22 no.4:77-80 Jl-Ag '62. (MIRA 15:10)

(Astronomical clocks)

25013

25013 S/047/61/000/003/001/001
B113/B203

3.2200

AUTHOR: Paley, A. B. (Chita)

TITLE: Determination of the orbit of an artificial earth satellite

PERIODICAL: Fizika v shkole, no. 3, 1961, 81 - 82

TEXT: For determining the instant at which a satellite flies past a given geographical point, a simple arrangement can be used which consists of a net of coordinates and a template made of transparent plastic material. When determining the contour of the template, the earth is assumed to be a perfect sphere and the satellite orbit to be circular. Assuming the instant at which the satellite moving from the southern to the northern hemisphere crosses the equator to be the beginning of time reading, and the intersection of the equator with the projection of the satellite orbit on the earth's surface to be the beginning of reading of the degrees of longitude, the following can be written down according to formulas of spherical trigonometry, not considering the 24-hr rotation of the earth:

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observation of the satellite, it is necessary to reduce the semiaxes $\Delta\varphi$ and $\Delta\lambda$ by a factor of 1.5 considering that the satellite is not visible at altitudes up to 15°. The accompanying figure shows the arrangement of coordinate net and template. The instant at which the satellite passes through a certain point over the earth's surface from southwest to northeast is assumed to be given. Point A on the net is then found from the coordinates of this given point; the template is entered in such a way that its lower intersection coincides with the axis λ, and the left-hand side of the template contour passes through this point. Therefore, the line of the coordinate net coinciding with the template contour corresponds to the projection of the satellite trajectories on the earth's surface. The satellite becomes visible (point B) after it has passed through the point corresponding to point A, within a period of time which is measured along the template contour between points A and B. The instant at which the satellite is no longer visible (point C) is determined in a similar manner. This arrangement facilitates the organization of observations of artificial satellites from various places of the country. There is 1 figure.

Card 3/4

PALEY, A.M. (Minsk)

Acquainting students with the calculations of K.E. Tsiolkovskii. Mat. v shkole no.2:51-56 Mr-Ap '63. (Mathematics—Problems, exercises, etc.) (Rockets (Aeronautics))

ZIMIN, Vladimir Ivanovich; KAPLAN, Moisey Yakovlevich; PALEY, Anna Markovna; RABINOVICH, Isay Natanovich; FEDOROV, Vasiliy Petrovich [deceased]; KHAKEN, Petr Andreyevich; RIVLIN, L.B., red.; SOBOLEVA, Ye.M., tekhn.red.

[Electric machinery windings] Obmotki elektricheskikh mashin. Izd.5., perer. Moskva, Gos.energ.izd-vo, 1961. 475 p. (MIRA 14:6)

(Electric machinery--Windings)

SOV-101-58-4-6/12

AUTHOR: Paley, A.M.

TITLE: Potassium Fluosilicate as a Mineralizer (Kremneftoristyy natriy kak mineralizator)

PERIODICAL: Tsement, 1958, Nr 4, pp 23-24 (USSR)

ABSTRACT: The author describes experiments carried out by Giprotsement in cooperation with the Pikalevskiy tsementnyy zavod (Pikalevo Cement Plant) and the Kafedra vyazhushchikh veshchestv, Leningradskiy tekhnologicheskiy institut (The Chair for Binding Materials of the Leningrad Technological Instute imeni Lensovet). The goal of these experiments was to find a replacement for fluorspar as a mineralizing agent in cement production. Potassium fluosilicate was used as a substitute The Nevskiy khimicheskiy trest (Nevskiy Chemical Trust) supplied the necessary potassium fluosilicate for these experiments. Cement furnace charges with this agent as additive, were roasted. The following results were obtained: 1) The action of potassium fluosilicate as mineralizing agent is equal to the action of fluorspar. 2) Through a 1% addition of potassium fluosilicate to the furnace charge, the hourly production rate of the rotating cement furnace

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Potassium Fluosilicate as a Mineralizer SOV-101-58-4-6/12

was increased.
There are 2 graphs and 1 table.

1. Concrete--Processing 2. Potassium fluosilicates--Applications

Card 2/2

PALEY, B.Sh.

Conditions of the power locking of the winding mechanism on ring spinning machines. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.1:126-134 '64. (MIRA 17:6)

1. Kostromskoy tekhnologicheskiy institut.

L 3995-66 EWT(m)/EWA(d)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) JD/HW

ACCESSION NR: AT5022786 UR/3164/64/000/014/0084/0089

AUTHOR: Pura, B. A. (Engineer); Yankovskiy, V. M. (Candidate of technical sciences); Shkurenko, A. A. (Engineer); Paley, B. Ya. (Engineer); Vasilenko, A. Ya. (Engineer); Peyglin, V. N. (Engineer)

TITLE: Vacuum electrical resistance unit for heat treatment of tubes

SOURCE: Dnepropetrovsk. Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorsko-tekhnologicheskiy institut trubnoy promyshlennosti. Proizvodstvo trub, no. 14, 1964. Sbornik statey po teorii i praktike trubnogo proizvodstva (Collection of articles on the theory and practice of pipe production), 84-89

TOPIC TAGS: steel tube, alloy tube, heat resistant steel, heat resistant alloy, tube heat treatment, vacuum heat treatment

ABSTRACT: An electrical resistance furnace for heat treatment of heat-resistant steel and alloy tubes has been built by the Ukrainian Scientific Research Institute for Tubes. The furnace consists of a vacuum chamber, a vacuum system, a movable tube rack, and a rack pulling mechanism. The vacuum chamber is a cylinder, 500-mm inside diameter and 3000 mm long, with one fixed and one movable end closure. It is made of an austenitic steel. The vacuum system is capable of producing and maintaining a vacuum of $5 \cdot 10^{-5}$ mm Hg. The tube rack can hold one or several tubes

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ACCESSION NR: AT5022786

up to 40 mm outside diameter and 500—2000 mm long, with a wall thickness of 0.5 to 1.5 mm, or a container filled with small-diameter tubes. In the former case the tubes are heated directly by passing electric current; in the latter case the current is passed through the container. The power is supplied by two single-phase transformers with a secondary voltage range of 14—160 v. The unit insures a temperature of 2000—2300C and heat treats up to 125 tubes per shift, depending on size and material. Orig. art. has: 4 figures. [MS]

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: IE

NO REF SOV: 003 OTHER: 000 ATD PRESS: 4119

Card 2/2

PALEY, D.A., aspirant

Design of electric power supply systems by means of electronic digital computers with the use of static tests. Izv. TPI 17:12 MPS 23 no.5:15-17 '64.

LEYTES, A.M.; PALEY, I.P.

Session of the Council on the tectonics of Siberia and the Far East. Izv. AN SSSR. Ser. geol. 29 no.4:124-126 Ap'64. (MIRA 17:5)

PALEY, I.P.

Basic characteristics of the tectonics of the Baltic Shield. Trudy GIN no.92:11-34 '63. (MIRA 17:10)

LEYTES, A.M., kand.geol.-mineral.nauk; PALEY, I.I., kand.geol.-mineral. nauk

A session on Siberian tectonics held at Irkutsk. Vest. AN [illegible] (MIRA 17:
34 no. 2:120-121 F '64.

PALEY, I.P.

Recent data on the petrographic composition of Akkol strata in the western Tien Shan. Dokl.AN SSSR 133 no.1:208-210 Jl '60. (MIRA 13:7)

1. Geologicheskiy institut Akademii nauk SSSR. Predstavleno akademikom A.L.Yanshinym.
(Akkol Valley--Petrology)

MARKOV, N.N.; PALEY, M.A.

Devices for checking bevel gears. Standartizatsiia 24 no.6:47-51 Je '60. (MIRA 13:7)
(Gearing, Bevel—Testing)
(Measuring instruments—Standards)

L 20209-65 EPA(s)-2/EWT(m)/EPR/EWP(j)/EPF(c)/ Pc-4/Pr-4/Ps-4 AFWL/ ASD(f)-3/RAEM(i)/ESD(gs) WW/RM

ACCESSION NR: AP4046899 S/0191/64/000/010/0036/0040

AUTHOR: Trepelkova, L. I.; Paley, M. I.; Tartakovskiy, B. D.; Naumkina, N. I. 13

TITLE: Effect of various components on the damping properties of polymeric materials

SOURCE: Plasticheskiye massy*, no. 10, 1964, 36-40

TOPIC TAGS: filler, plasticizer, polymer acoustic property, damping, vibration absorption, Young modulus, elasticity, internal loss factor, rigidity, polyvinylchloride, Vinylite, glass temperature

ABSTRACT: The authors investigated the effect of different plasticizers and fillers on the ability of polyvinylchloride and a copolymer of vinylchloride with vinylacetate (Vinylite) to absorb acoustic vibrations, a property which is directly dependent on the product of the Young modulus and internal loss factor. Low molecular weight plasticizers are often added to such polymers to lower the glass temperature, since the maximum damping takes place in this range and since the glass temperature of the pure polymers is too high to be useful (60-85C). When the Young modulus E and internal loss factor η were plotted against plasticizer content, for either polymer, both high- and low-molecular weight plasticizers were found to decrease E and increase η, while the product $\eta \cdot E$ passed through a maximum

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L 20209-65
ACCESSION NR: AP4046899

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at about 20-30 parts by weight of plasticizer per 100 parts by weight of polymer. The deficiencies of either the high- or low-molecular weight plasticizers can be overcome by adding both together, which has the same effect on the damping properties (value of $\eta \cdot E$). The addition of fillers such as titanium dioxide, kieselguhr, mica or fiberglass to increase the rigidity has exactly the opposite effect on η and E, but the product $\eta \cdot E$ and hence the damping properties still tends to pass through an optimum at a filler content depending on the polymer used. Thus, for poly [vinylchloride], optima are obtained at 15 and 30 parts by weight of filler, while for polyethylene and polyisobutylene, the optimum is at 70-80 parts by weight per 100 parts by weight of polymer. Finally, tabulated data for the acoustic properties of a number of plastics reinforced with metal or glass show that E is increased 2.5-12 fold in all cases, while η is decreased 20-30% and the product $\eta \cdot E$ is consequently increased 2-4 fold by a reinforcing layer. "V. A. Gul'yayev and N. P. Shevel'kova took part in the experimental work." Orig. art. has: 4 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00, SUB CODE: OC, MT

NO REF SOV: 003 OTHER: 002

Card 2/2

PALEY, M.M., kand. tekhn. nauk, dots.; ALEKSEYEV, G.A., inzh., retsenzent; SMIRNOV, B.V., inzh., red. [deceased]

[Technology in the manufacture of metal-cutting tools] Tekhnologiia proizvodstva rezhushchego instrumenta. Moskva, Mashgiz, 1963. 483 p. (MIRA 17:4)

PALEY, P.N.; NEMODRUK, A.A.; DAVYDOV, A.V.

Automatic extraction-photometric method for the determination of uranium. Trudy Kom.anal.khim. 14:281-291 '63. (MIRA 16:11)

S/075/60/015/005/002/004
B005/B064

AUTHORS: Paley, P. N., Chzhan Ven'-Tsin

TITLE: Complexonometric Determination of Tetravalent Plutonium With Arsenazo as an Indicator

PERIODICAL: Zhurnal analiticheskoy khimii, 1960, Vol. 15, No 5, pp. 598-600

TEXT: The authors of the present paper devised a new method of complexonometric determination of tetravalent plutonium in the presence of uranium, lanthanum, americium, chromium, and other elements A solution of 0.4 g arsenazo in 100 ml of water served as an indicator in titration with complexon III. The solution of the complexon was 0.005 M; its titer was determined by Ref. 7 with the help of a calcium chloride solution To prepare the plutonium solution, pure metallic plutonium was dissolved in hydrochloric acid; subsequently, the solution was three times evaporated with sulfuric acid. The dry residue was dissolved in 0.5 N HNO_3 The concentration of this standard solution (about 0 01 M) was gravimetrically determined. Pu^{IV} ions form, together with arsenazo, an intensively

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Complexonometric Determination of Tetravalent Plutonium With Arsenazo as an Indicator

S/075/60/015/005/[illegible]/[illegible]
B005/B064

blue-violet compound. Excess complexon effects a color change toward pink. The intensity of color change depends on the acidity of the solution. Table 1 shows the results of a series of 23 experiments made to find the optimum acidity. The most intensive color change and the least errors occur at 0.1-0.2 N acid solution. In weaker acid solutions, the errors are probably higher due to hydrolysis and polymerization of the plutonium ions; in stronger acid solutions, the plutonium complex with complexon III is less stable. The stability of the complexonates of Ca, Mg, Zn, Al, Cd, and Mn in acid solutions is low; these weak elements therefore do not affect titration. Table 2 shows the results of the complexonometric determination of tetravalent plutonium in the presence of La^{3+}, UO_2^{2+}, Fe^{3+}, Cr^{3+}, Pb^{2+}, and Ni^{2+}. Of these ions, only Fe^{3+} affects determination. If the iron content of the sample is, however, less than 3-4% of the plutonium content, determination is not affected (Table 3). The authors suggest the following titration conditions: 2-20 mg of plutonium in 40-100 ml of the 0.1-0.2 N hydrochloric or nitric acid test solution; 10-20 drops of a 0.4% aqueous solution of arsenazo as an indicator; the concentration of the complexon solution is suggested to be between

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Complexonometric Determination of Tetravalent Plutonium With Arsenazo as an Indicator

S/075/60/015/005/002/004
B005/B064

0.005 and 0.01 M. The end point of titration can be found by a comparative solution of the indicator having the same concentration and acidity as the test solution. There are 3 tables and 7 references: 3 Soviet, 2 British, and 2 US.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo AN SSSR, Moskva (Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy of the Academy of Sciences USSR, Moscow)

SUBMITTED: June 16, 1959

Card 3/3

RYABCHIKOV, D.I.; PALEY, P.N.; MIKHAYLOVA, Z.K.

Separation of uranium from metal impurities by ion exchange chromatography. Zhur.anal.khim. 15 no.1:88-95 J-F '60. (MIRA 13:5)

1. V.I.Vernadsky Institute of Geochemistry and Analytical Chemistry, Academy of Sciences, USSR, Moscow.
(Uranium--Analysis)

AUTHOR: Paley, A.M. SOV-101-58-4-9/12

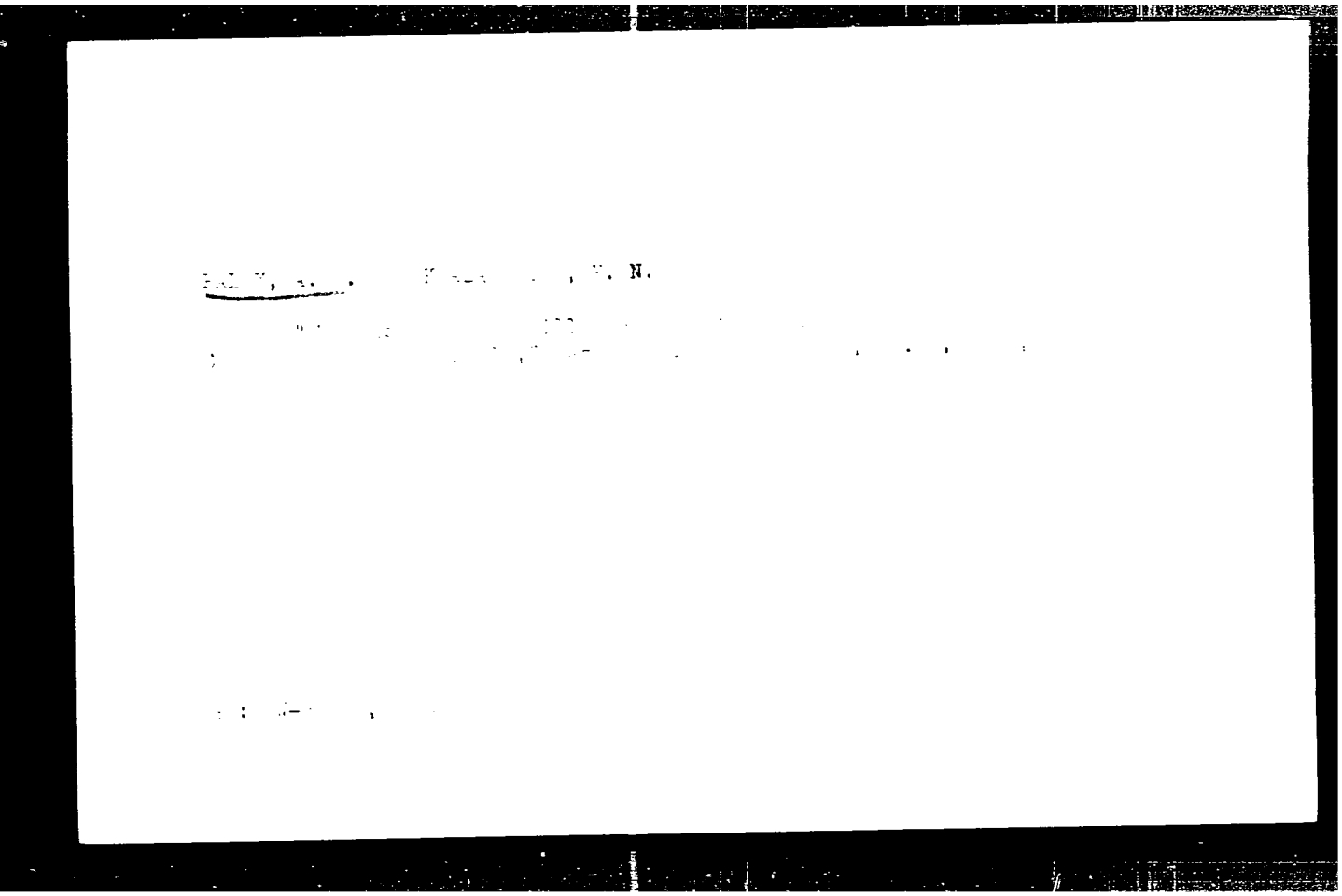
TITLE: Consultation-Courses for the Heads of the Roasting and Grinding Shops of Cement Plants (Kursy-soveshchaniye nachal'nikov tsekhov obzhiga i pomola tsementnykh zavodov)

PERIODICAL: Tsement, 1958, Nr 4, page 27 (USSR)

ABSTRACT: The heads of the roasting and grinding workshops of cement attended a conference in the Giprotsement institut (Giprotsement Institute) from 25 June to 10 July 1958 The above-mentioned courses were given at this conference. A total of 88 persons from 54 cement plants took part, and 27 lectures were delivered. Exchange of experiences was the theme of the last 2 days.

1. Cement industry--USSR 2. Personnel--Training

Card 1/1



PALEY, A.M. (Minsk)

Solving complex percentage problems in the 9th grade. Mat. v shkole no.5:93-94 S-O '59. (MIRA 13:2)
(Mathematics--Study and teaching)

PALEY, A.M. (Minsk)

Solution of practical problems on geometric progression. Mat. v shkole no.5:91-92 S-O '60. (MIRA 13:10)
(Mathematics—Problems, exercises, etc.)

PALEY, A.M.

Sodium fluosilicate used as mineralizer. TSement 24 no.4:23-24 Jl-Ag '58. (MIRA 11:9)
(Sodium fluosilicates) (Cement)

PALEY, A.M., KNYAZ'KOVA, YE.G., Engs.

Cement - Testing

"Volumetric method of determining the titre of raw material containing slag or coal by means of a calimeter." TSement 18 no. 3, 1952.

Monthly List of Russian Accessions. Library of Congress October 1952. UNCLASSIFIED.

ZIMIN, Vladimir Ivanovich; KAPLAN, Moisey Yakovlevich; PALEY, Anna Markovna; RABINOVICH, Issy Matanovich; FEDOROV, Vasiliy Petrovich; KHAKKEN, Petr Andreyevich; RIVLIN, L.B., redaktor; VORONETSKAYA, L.V., tekhnicheskiy redaktor.

[Windings of electric machinery] Obmotki elektricheskikh mashin. Izd. 4-e, perer. Moskva, Gos. energ. izd-vo, 1954. 575 p. (MLRA 8:1)
(Electric machinery)

PALEY, A.V., starshiy prepodavatel'; PUSTYL'NIKOV, V.S., inzh.

Reproduction of the function of two independent variables. Izv. vys. ucheb.zav.; prib. no.2:36-43 '58. (MIRA 11:7)

1.Penzenskiy industrial'nyy institut.
(Functions of several variables) (Mathematical instruments)

PALEY, A.Yu., kand.med.nauk.; VAYNBERG, N.S.

Clinical and X-ray characteristics of tuberculous bronchadenitis in adolescents and adults. Probl.tub. no.4:35-39 '61. (MIRA 14:12)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - dotsent N.M. Yanov) i kafedry tuberkuleza (zav. - prof. B.Z. Bunina) Instituta usovershenstvovaniya vrachey (dir. - dotsent I.I. [redacted]

(BRONCHI--RADIOGRAPHY) (LYMPHATICS—TUBERCULOSIS)

EXCERPTA MEDICA Sec 15 Vol. 10/10 Chest Diseases Oct 57

2597. PALEY A. Yu. Ukrainian Inst. of Tuberc., Kharkov, USSR. *Roentgenological observations in early forms of pulmonary tuberculosis in adults (Russian text) PROBL. TUBERK. 1956, 34/6 (17-23)

To establish the influence of tuberculous infection on the state of the hilus and the lung silhouette, 180 patients at ages from 16 to 35 yr. were subjected to roentgenological examination (roentgenoscopy, direct and lateral roentgenography, tomography). 70 of these patients reacted negatively to tuberculin (1:100 intracutaneously), 50 were in the state of 'virage', 60 were ill with primary forms of tb. Deviations from the accepted conception of the normal hilus and of the normal lung silhouette in the first group were rather rare. The deformation of the hilus and of the lung silhouette most often occur as a result of tuberculous infection. The first period of infection in patients with early forms of pulmonary tb is roentgenologically discoverable only in 30-40% of cases. The occurrence of the primary tuberculous process in the hilus may sometimes be established only by dynamic examination. Changes in the hiluses revealable roentgenologically present some diagnostic difficulties. Laminal examination of the lung proves to be a valuable method for the establishment of the affection of lymphatic nodes in the hiluses.

Soloveva - Moscow (XV, 14*)

EXCERPTA MEDICA Sec.14 Vol.12/2 Radiology Feb 58

312. ROENTGENOLOGICAL OBSERVATIONS IN EARLY FORMS OF PULMONARY TUBERCULOSIS IN ADULTS (Russian text). Paley A.Yu. Ukrainian Inst. of Tuberc., Kharkov, USSR. PROBL. TUBERK. 1956, 34/6 (17-23)

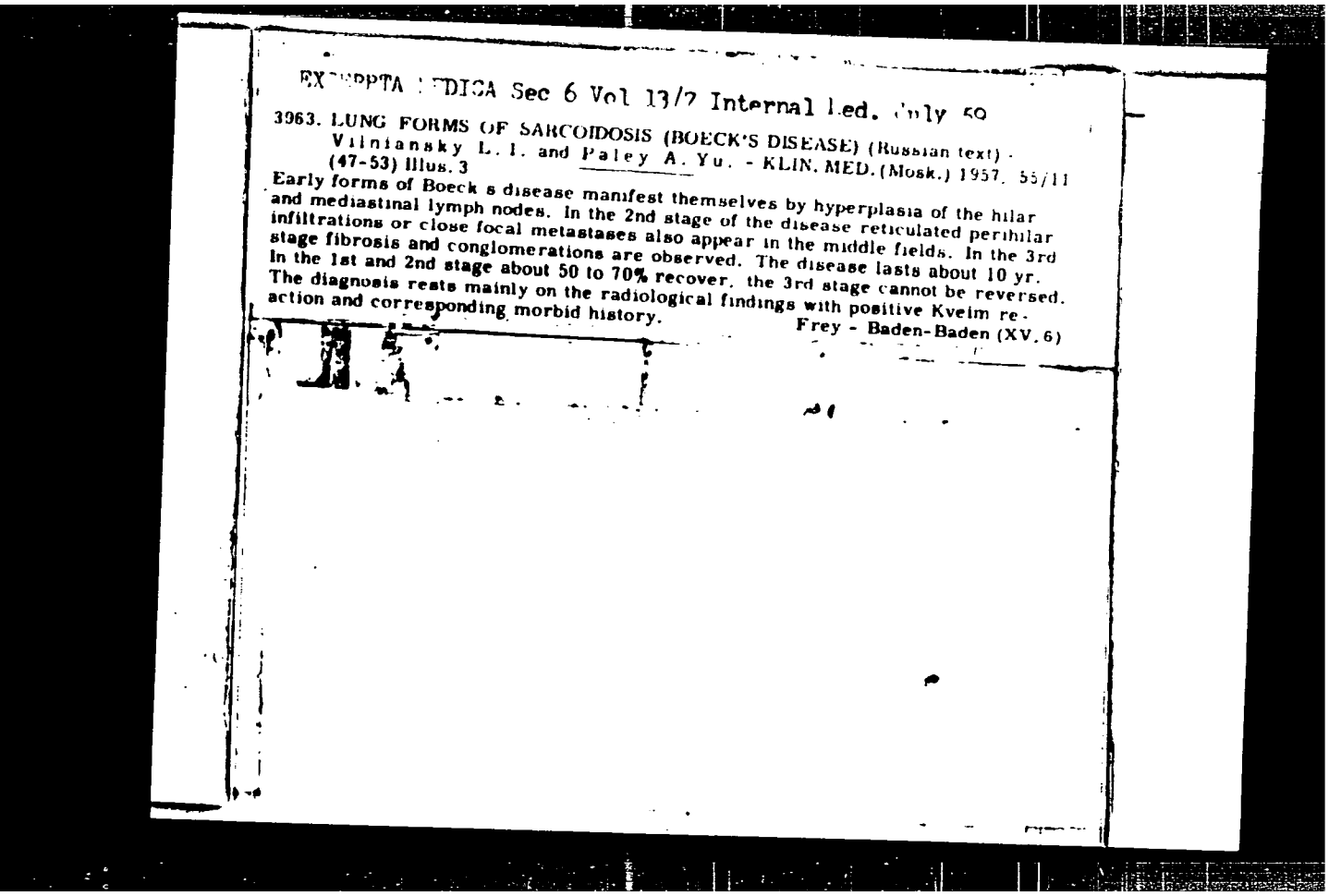
To establish the influence of tuberculous infection on the state of the hilus and the lung silhouette, 180 patients at ages from 16 to 35 yr. were subjected to roentgenological examination (roentgenoscopy, direct and lateral roentgenography, tomography). 70 of these patients reacted negatively to tuberculin (1:100 intracutaneously), 50 were in the state of 'virage', 60 were ill with primary forms of tb. Deviations from the accepted conception of the normal hilus and of the normal lung silhouette in the first group were rather rare. The deformation of the hilus and of the lung silhouette most often occur as a result of tuberculous infection. The first period of infection in patients with early forms of pulmonary tb is roentgenologically discoverable only in 30-40% of cases. The occurrence of the primary tuberculous process in the hilus may sometimes be established only by dynamic examination. Changes in the hiluses revealable roentgenologically present some diagnostic difficulties. Laminal examination of the lung proves to be a valuable method for the establishment of the affection of lymphatic nodes in the hiluses.

Soloveva - Moscow (XV, 14)

MEVE, Ye.B., kand.med.nauk; PALEY, A.Yu., kand.med.nauk (Khar'kov)

Clinical features of primary [tuberculosis] in adults [with summary in English]. Klin.med. 37 no.1:101-113 Ja '59. (MIRA 12:3)

(TUBERCULOSIS, PULMONARY, manifest.
primary, x-ray manifest. in adults (Rus))



EXCERPTA MEDICA Sec 6 Vol 13/7 Internal Med. July 60

3963. LUNG FORMS OF SARCOIDOSIS (BOECK'S DISEASE) (Russian text) - Vilnianskv L. I. and Paley A. Yu. - KLIN. MED. (Mosk.) 1957, 35/11 (47-53) Illus. 3

Early forms of Boeck s disease manifest themselves by hyperplasia of the hilar and mediastinal lymph nodes. In the 2nd stage of the disease reticulated perihilar infiltrations or close focal metastases also appear in the middle fields. In the 3rd stage fibrosis and conglomerations are observed. The disease lasts about 10 yr. In the 1st and 2nd stage about 50 to 70% recover, the 3rd stage cannot be reversed. The diagnosis rests mainly on the radiological findings with positive Kveim reaction and corresponding morbid history.

Frey - Baden-Baden (XV, 6)

VIL'NYANSKIY, L.I., kand.med.nauk; PALEY, A.Yu., kand.med.nauk (Khar'kov)

Pulmonary sarcoidosis (Boeck's disease). Klin.med. 35 no.11:47-54 N '57. (MIRA 11:2)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - dotsent N.M.Yanov)
(SARCOIDOSIS, case reports
lungs)
(LUNG DISEASES, case reports
sarcoidosis)

PALEY, B.Sh.

Priority in the derivation of the winding formula for cone winding. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.2 [illegible]. (MIRA 16:6)

1. Kostromskoy tekhnologicheskiy institut.
(Winding machines--Design and construction)

POLYAKOV, N.S.; LICHIN, A.Ya., kand.tekhn.nauk; PALEY, B.Z., inzh.; CHERKASSKIY, F.B., inzh.; NAYEROV, V.R.

Supply of support elements in development mining with power-operated shields. Shakht. stroi. 6 no.3:19-20 Mr '62. (MIRA 15:3)

1. Dnepropetrovskiy gornyy institut (for Polyakov, Lichin).
2. Institut gornogo dela AN USSR (for Paley, Cherkasskiy).
3. Dnepropetrovskiy gornyy institut (for Nayerov). 4. Chlen-korrespondent AN SSSR (for Polyakov).
(Mine timbering) (Precast concrete construction)

POLYAKOV, N.S., prof., doktor tekhn. nauk; LICHIN, A.Ya., kand. tekhn. nauk; PALEY, B.Z., inzh.; CHERKASSKIY, F.B., inzh.; NAYEROV, V.R., inzh.

Walking mechanism for moving shields. Shakht. stroi. 5 no.8:10-13 Ag '61. (MIRA 16:7)

1. Dnepropetrovskiy gornyy institut (for Polyakov, Lichin, Nayerov). 2. Institut gornogo dela AN UkrSSR (for Paley, Cherkasskiy). 3. Chlen-korrespondent AN UkrSSR (for Polyakov).
(Mine timbering—Equipment and supplies)

Paley, D.I.

BONDARENKO, I.P., inzh.; PALEY, D.I., inzh.; BONDARENKO, I.I., inzh.

More attention should be paid to the training of specialized miners. Bezop. truda v prom. 2 no.1:13 Ja '58. (MIRA 11:1)
(Miners)

PALEY, E. R.

"Epidemiology and Prophylaxis of Scarlet Fever,"

Med. Sestra., No. 10, 1949. Cand. Med. Sci.

-c1949-.

PALEY, E. B.

32767. Zpidemiologiya i profilaktika skarlatiny. Med. sestra, 1949, No. 10, s. 12-16

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

*Analysis of Silumin Alloy. E. Ya. Fales and O. I. Arotaker (Zavod. Lab., 1941, 10, 311-313; Chem. Zentr., 1942, 113, (II), 1040; C. Abs., 1943, 37, 4652). [In Russian.] The SiO_2 is determined by treatment with H_2SO_4 + HF, then the Si by heating with HNO_3 + HF. It is well to take a fresh sample for determining Cu and Fe, the latter with cupferron.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

PALEY G.Ya.

"Investigation [illegible] Axial Gate Apparatus [illegible] Water Turbine." Thesis for Degree [illegible] Sci. [illegible] Banner Higher Tech[illegible] [illegible]

Summary [illegible], 1 Dec 52, Dissertations Presented for Degrees in Science [illegible] in 1949. From Vechernyaya Moskva, [illegible].

FALEY, G. Ye.

"Calculation of Axial Stresses of Radial-Axial Hydroturbines". Sb. statey Chelyabinskogo politekh, in-ta, No 1, 63069, 1954

By means of a series of discussions, examples, and an analysis of the character of forces acting on the operating wheel of a radial-axial turbine, strives to show that in the calculationof the axial force on the wheel principally it is incorrect to take into account the force of Archimedes, an equal weight of eater in the volume of the wheel. (RZhMekh, No 8, 1955)

SO: Sum No 812, 6 Feb 1956

BUTKOVSKAYA, E. M.; AGASHIN, Yu. A.; KORYUKAYEV, Yu. S.; PALEY, I. A.
(Leningrad)

Physiological hygienic study of the spring back arising during a change in the conditions for testing a pneumatic hammer. Gig. truda i prof. zab. no.4:8-14 '62. (MIRA 15:4)

1. Institut gigiyeny truda i profzabolevaniy.

(PNEUMATIC TOOLS—TESTING)
(INDUSTRIAL HYGIENE)

TERENT'YEV, V.I., kand.tekhn.nauk; PALEY, I.A., inzh.; IVANOV, L.A., inzh.

Use of transducers in testing pneumatic boring machines. Gor.zhur. no.8:45-46 Ag '60. (MIRA 13:8)
(Boring machinery—Testing)
(Transducers)

PALEY, I.P.

Stages of the development of the Pre-Cambrian of Eurasia and the problem of its sychronization. Geotektonika no.4:15-35 Jl-Ag '65. (MIRA 18:8)

KLITIN, K.A.; PALEY, I.P.

Some characteristics of the structure of the Zhuino fault zone (Patom Plateau). Dokl. AN SSSR 162 no.6:1360-1363 Je '65. (MIRA 18:7)

1. Geologicheskiy institut AN SSSR. Submitted March 13, 1965.

KLITIN, K.A.; PALEY, I.P.; POSTEL'NIKOV, Ye.S.

Features of the morphology of structures of the eastern margin of the Yenisey Ridge. Dokl. AN SSSR 152 no.5:1204-1207 O '63. (MIRA 17:1)

1. Geologicheskiy institut AN SSSR. Predstavleno akademikom A.L.Yanshinym.

PALEY, I.P.

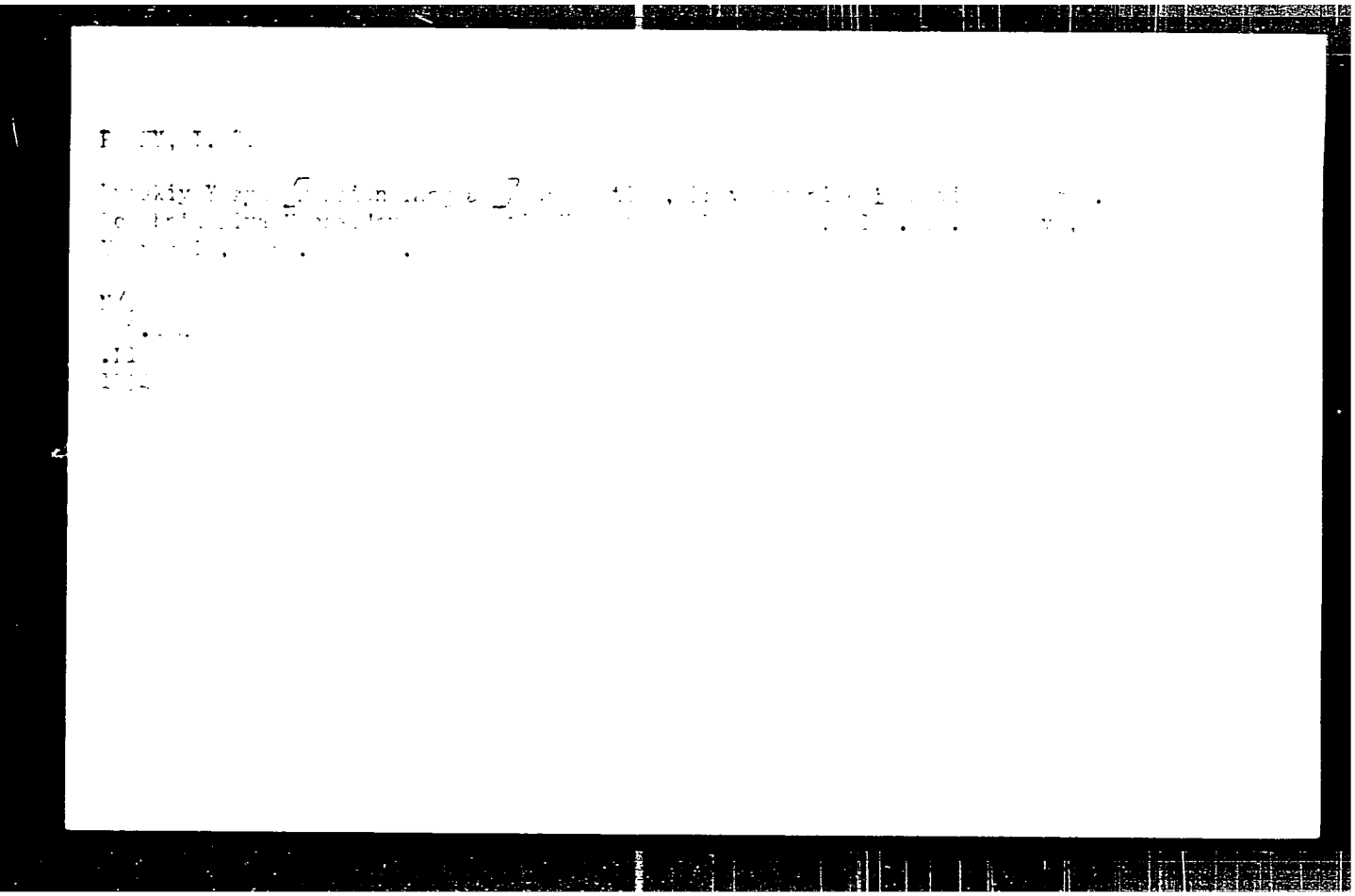
Combined study of the Baltic Shield. Izv. AN SSSR. Ser. geol. 29 no.12:121-123 D '64. (MIRA 18:1)

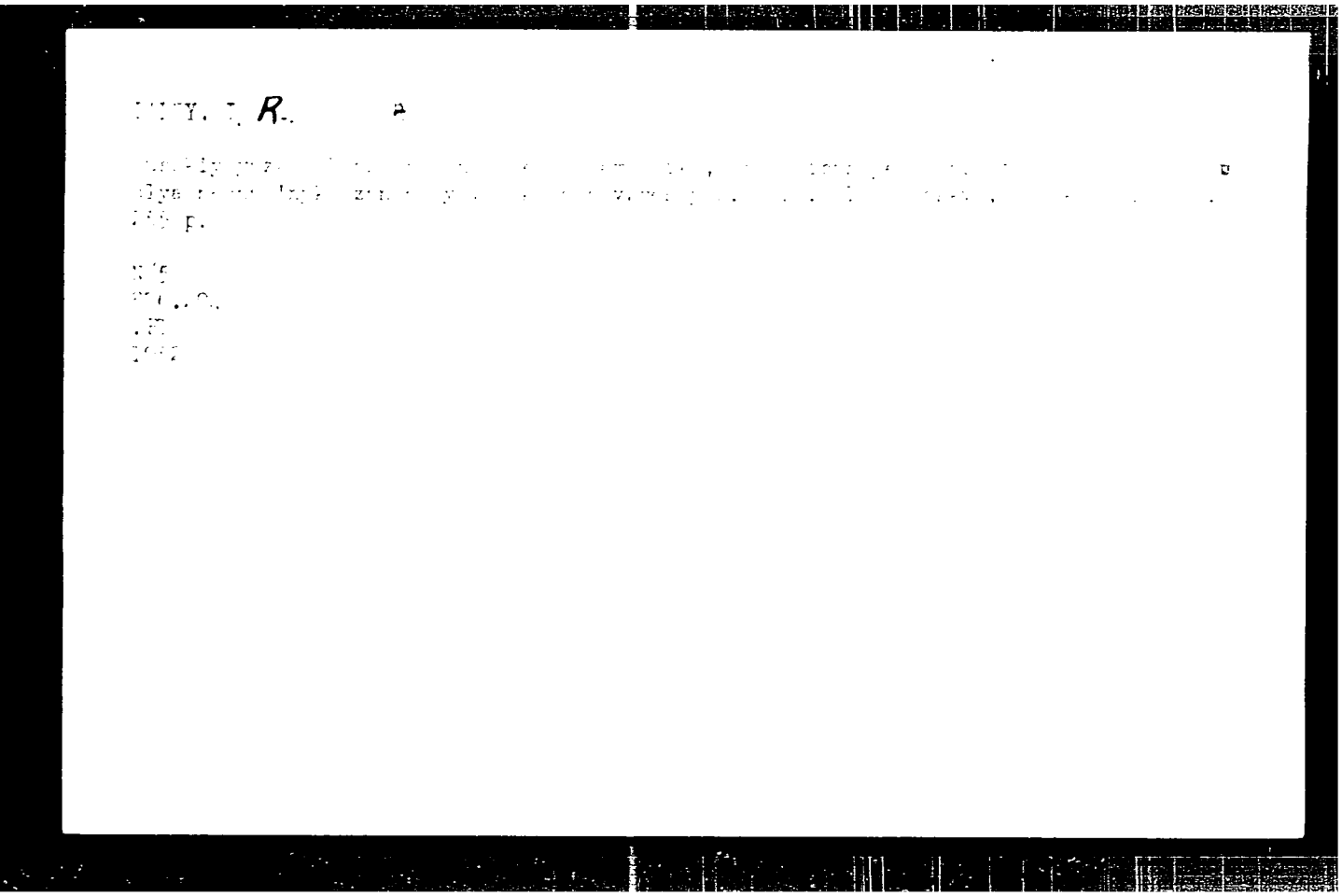
PALEY, I.P.

Correlation of the Akkol and Chinga formations in the Western Sayans. Dokl. AN SSSR 140 no.4:908-911 O '61. (MIRA 14:9)

1. Geologicheskiy institut AN SSSR. Predstavleno akademikom A.L. Yanshinym.

(Sayan Mountains--Geology, Stratigraphic)

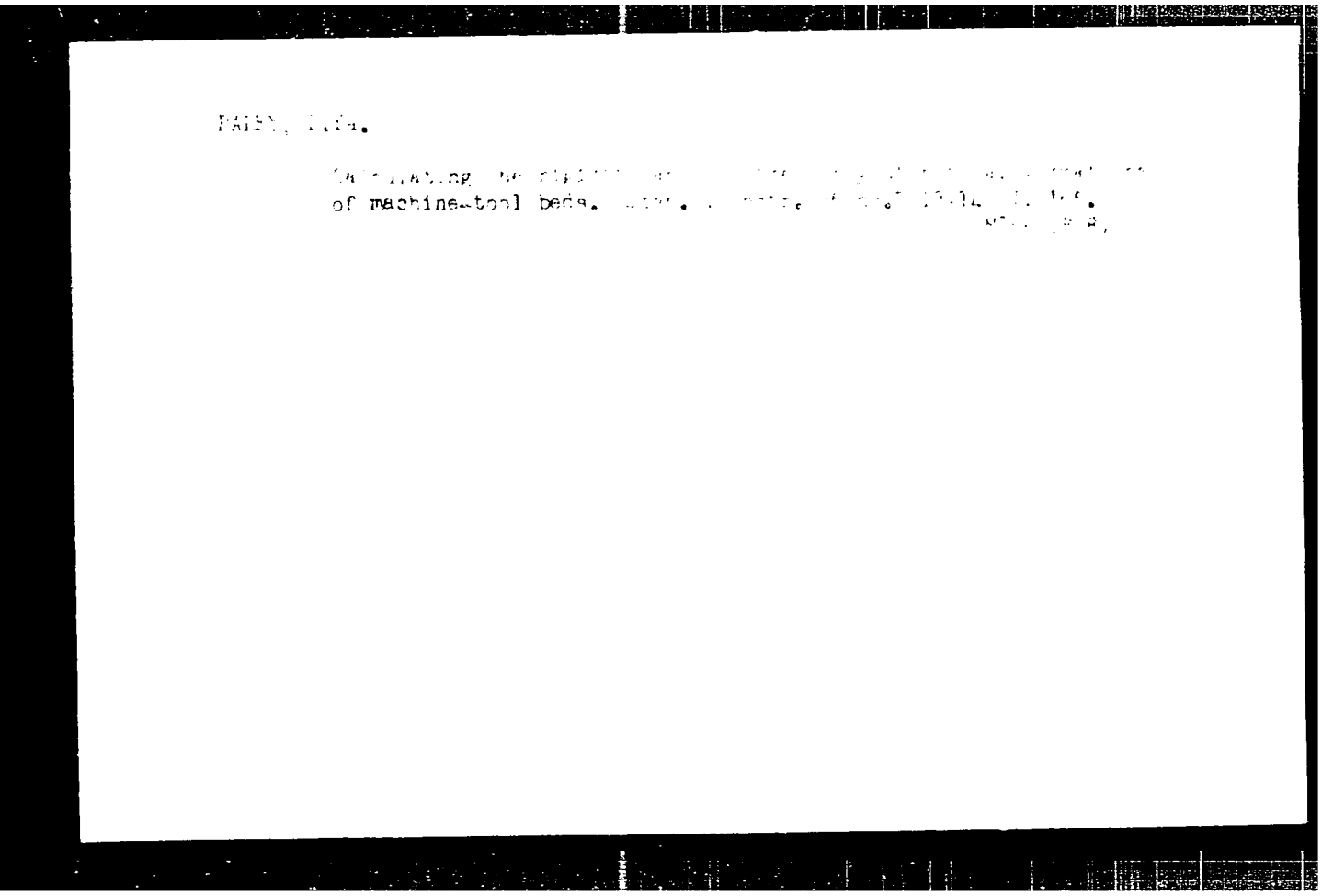




MIRMOVICH, G.M.; LYUBIMOV, A.A.; POLEZHAYEVA, N.P.; PALEY, L.G., inzh., retsenzent; KUTENKOVA, G.M., tekhn.red.

[Standardizing technological processes in piece and small lot production experience of the Ural Machinery Plant] Tipizatsiia tekhnologicheskikh protsessov v usloviiakh individual'nogo i melkoseriinogo proizvodstva; iz opyta Uralmashzavoda. Sverdlovsk, TSentr.biuro tekhn.informatsii, 1959. 38 p. (MIRA 14:4)

1. Russia (1917- R.S.F.S.R.) Sverdlovskiy ekonomicheskiy administrativnyy rayon. Sovet narodnogo khozyaystva. (Sverdlovsk--Machinery industry)



PALEY, L. Ya.

Device for determining the rigidity [illegible].
Stan. i instr. 35 no.12:26 D '64 (MIRA 18:2)

PALEY, L.Ya., inzh.

Modernizing parquet polishing machines. Mekh. stroi 15 no.9: 18-19 S '58. (MIRA 11:10)
(Grinding machines)

PALEY, L.Ya.; USPENSKIY, A.N.

Experimental determination of the vibration decrement for mechanical systems. Izm.tekh. no.10:22-24 O '65.
(MIRA 18:12)

TALFY, I. S.

Some characteristics of the mineral composition and properties of gold from placers in western Uzbekistan. Zap. Uz. otd. Vses. min. ob-va [illegible] '61. (MIRA 18:6)

PALEY, L.Z.

Plotting composite schlich maps. Uzb.geol.zhur. no.5:13-23 '59.
(MIRA 13:5)

1. Glavnoye upravleniye geologii i okhrany nedr.
(Alluvium--Maps)

PALEY, M.

On standardization techniques. Standartizatsiia no.6:63-71 N-D '55.
(Germany, East--Standards, Engineering) (MLRA 9:2)

MARKOV, N.N.; PALEY, M.A.

Pedestals and stands for measuring heads. Standartizatsiia 27
no.1:14-18 Ja '63. (MIRA 17:4

PALEY, M.A.

Establishing basic specifications for tolerances and fits.
Standartizatsiia 26 no.7:13-15 Jl '62. (MIRA 15:7)
(Tolerance (Engineering))

PALEY, M A

25(6) P 3 PHASE I BOOK EXPLOITATION SOV/1328

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Leningradskoye oblastnoye pravleniye

Vzaimozamenyayemost', tochnost' i metody izmereniya v mashinostroyenii (Interchangeability, Accuracy and Measuring Methods in Machine Building) Moscow, Mashgiz, 1958. 251 p. (Series: Its: Sbornik, kn. 47) 6,000 copies printed.

Eds.: Kutay, A.K., Candidate of Technical Sciences, Docent; Puzanova, V.P., Candidate of Technical Sciences; Kempinskiy, M.M., Engineer; Rubinov, A.D., Candidate of Technical Sciences; Turetskiy, I. Yu., Candidate of Technical Sciences; and Abadzhi, K.I., Engineer; Ed. of Publishing House: Simonovskiy, N.Z.; Tech. Ed.: Sokolova, L.V.; Managing Ed. for Literature on Machine Building Technology (Leningrad Division, Mashgiz): Naumov, Ye. P., Engineer.

PURPOSE: This book is intended for plant engineering, scientific and technical personnel and production innovators. It may also be

Card 1/9

Interchangeability, Accuracy and Measuring Methods (Cont.) SOV/1328

useful to students of higher technical institutes.

COVERAGE: This collection of articles deals with the topics discussed at the Third Leningrad Scientific and Engineering Conference on Interchangeability, Accuracy, and Inspection Methods in Machine-building and Instrument-making, held March 18-22, 1957. The book consists of three parts: 1) interchangeability in machine-building and instrument-making 2) manufacturing accuracy and quality control 3) engineering measurements. The first part deals with basic principles of interchangeability, estabishment of the system and calculation of tolerances. The second part deals with calculation and analysis of the accuracy of manufacturing processes, machine subassemblies and quality control. The third part consists of articles dealing with improvements in measuring instruments and methods. Special emphasis is placed on the measurement of large parts. A new method of calculating accuracies of measuring instruments is discussed in the article by M.M. Kempinskiy. There is no bibliography.

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Interchangeability, Accuracy and Measuring Methods (Cont.) SOV/1328

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Card 9/9

AUTHOR: Paley, M.A., Engineer SOV/21-58-5-33/37

TITLE: The Standardization of the Basic Definitions for Deviations in Shape and Mutual Layout of Surfaces (O standartizatsii osnovnykh opredeleniy otkloneniy formy i vzaimnogo raspolozheniya poverkhnostey)

PERIODICAL: Standartizatsiya, 1958, Nr 5, p 78 (USSR)

ABSTRACT: The author agrees with L.A. Boldin on the necessity of systematizing and correlating the definitions in machine parts. He approves his basic suggestions, points out some defects, disagrees with E.I. Lyubomirskiy's critisms and discusses Yu.I. Lyandon's contribution to the dispute.

Card 1/2

SOV/28-58-5-30/37

The Standardization of the Basic Definitions for Deviations in Shape and Mutual Layout of Surfaces

The deviations in shape and in the mutual positioning of surfaces are discussed in some detail. There are 5 diagrams and 2 Soviet references.

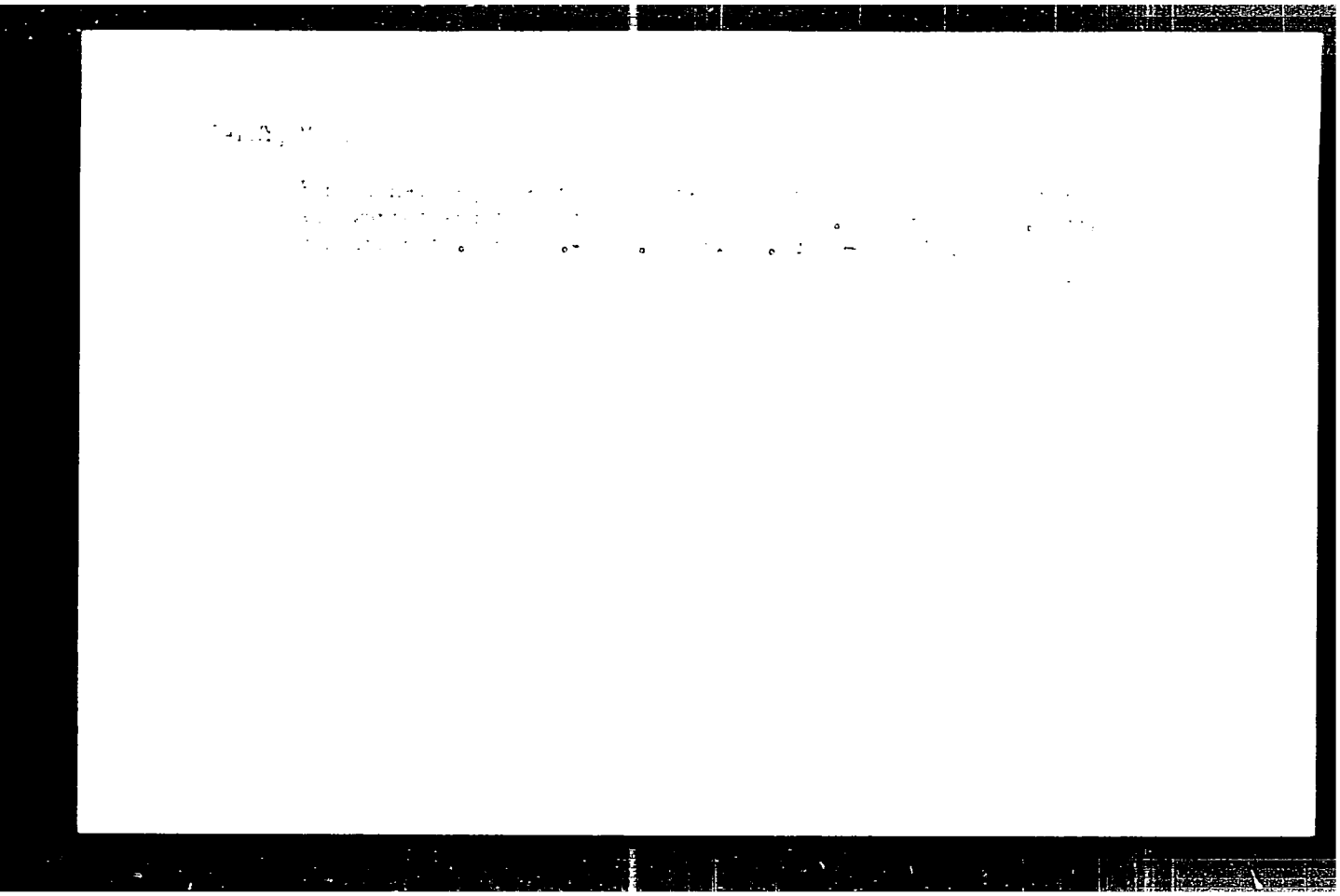
ASSOCIATION: Byuro vzaimozamenyayemosti Komiteta standartov mer i izmeritel'nykh priborov (Bureau of Inter-changeability, Committee of Standards for Measures and Measuring Instruments)

1. Drafting--Standards

Card 2/2

PALEY, M.A. (Moskva)

Plotting systems of tolerances and fits for dimensions from 500 to 10,000 mm (All-Union State Standard 2869-54). [Izd.] LONITOMASH 47:25-31 '58. (MIRA 11:10)
(Standards, Engineering)



PALEY, M.A.

Using limit deviations of shape and arrangement of surfaces according to State Standard 10356-63. Standartizatsiia 28 no.1:56-59 Ja '64. (MIRA 17:1)

PALEY, M.A.

Determining the noncircularity by profilographs. Izm.tekh. no.3:9-11 Mr '62. (MIRA 15:2)
(Surface measurement—Graphic methods)