

SR NCIC, J.

Directives for the proper development of refrigeration services. p. 1386.

(TEHNIKA. Vol. 12, No. 8, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EIAL) Ac. Vol. 1, No. 10, October 1957. U_ncl.

YUGOSLAVIA / Chemical Technology. Chemical Products. H
Food Industry.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68971.

Author : ~~Simoneic~~ J.

Inst : Not given.

Title : Production and Utilization of Refrigeration in
the Yugoslavian Food Industry.

Orig Pub: Tehnika, 1958, 13, No 1, Prehran. ind., 12, No 1,
1-4.

Abstract: No abstract.

Card 1/1

SIMONCIC, Josko, ing., visi strucni saradnik (Knezevac kod Beograda)

The organization of the enterprises of refrigeration network. Tehnika
Jug 16 no.11:2069-2073 '61.

1. Poljoprivredni fakultet Univerziteta u Beogradu.

SIMONCIC, Josko, ins. ~~radnik~~ (Knezevac kod Beogradu).

Cooling of apples from the economic point of view. Tehnika 17
no.7:Suppl. Prehran ind 16 no.7:1375-1383 J1 '62.

1. Saradnik Poljoprivredbig fakulteta Univerzitetu u Beogradu.

SIMONCIC, Josko, inž., visii stručni saradnik. (Kneževac kod Beograda)

Economic observations concerning the refrigeration of berries.
Tehnika Jug 17 no.3:557-562 '62.

1. Poljoprivredni fakultet u Zemunu Univerziteta u Beogradu.

SIMONCIC, Josko, inz., docent (Knezevac, 14. oktobra br. 6)

Economic aspects of foodstuff drying by freezing.
Tehnika Jug 18 no. 8; Supplement: Prehran ind 17 no.8:
155Q-1556 Ag '63.

1. Poljoprivredni fakultet Univerziteta u Beogradu.

BUCKO, A.; SIMONIC, R.

The effect of nutrition on the pathogenesis and course of experimental glomerulonephritis in acute experimental conditions with special reference to fats. Cesk. gastroent. vyz. 15 no.1:18-30 F '61.

1. Ustav pre vyskum vyzivy rudu, klinicke oddelenie, v Bratislave, riaditel MUDr. A. Bucko, C.Sc. (GLOMERULONEPHRITIS experimental)
(FATS nutrition & diet)

SIMONCIC R., CIK J., PALESOVA K., and VITKOVSKA M.

2333. CIK J., PALESOVA K., SIMONCIC R. and VITKOVSKA M. Studijna tvorivost dermatovenerol. Klin. ISFU, Bratislava. *Prieskum pripadov lupus vulgaris rezistentnych voci vitaminu D 2 v Bratislavskom kraji. Vitamin D-refractory cases of lupus vulgaris in the Bratislava district BRATISLAVSKE LEKARS. LISTY 1953, 33/12 (1141-1147) (XIII, 15)

SO: EXCERPTA MEDICA: Section XIII, Vol. 8, No. 10

REGO, Bela, HONCSICS, Jozsef

Modernization of Szatombattyan-Tapolca railroad line. Vasm
M. no. 6:9-10 Ja '64.

SCHICSICS, F.

Brown coal plants from the coal district of Hegrad. I. A Podocarpus from
Kanyas. In German. p. 59.
(ACTA BIOLOGICA. Vol. 2, no. 1/4, Dec. 1956, Hungary)

SO: Monthly List of East European Accessions (BEAL) DC. Vol. 6, no. 12, Dec. 1957.
Encl.

SIMON SICS, L., Haccz, G.

Investigation of brown coal from the coal district of Borsod. II. In German.
(To be contd.) p. 51.
(AG A BIOLOGICA. Vol. 2, no. 1/h, Dec. 1956, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957,
Uncl.

ST. KOSTIC, P.

"Palynologic investigation of Miocene lignite in the area of Salsatorjan."
p. 71.

MILAN K. ST. KOSTIC. BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY. (Magyar Földtani Társulat). Budapest, Hungary, Vol. 61, No. 1, Jan./Mar. 1957.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8,
August 1957.
Whole.

САРНА В.А., Vyacheslav Pavlovich, starshiy prepodavatel'; SIMONEV,
Igor' Borisovich, kand. fiziko-matemat. nauk, starshiy nauchnyy
soтрудnik; YEDOVICH, Viktor Iosifovich, kand. fiziko-matemat. nauk
ispolnyayushchiy obyazannosti dotsenta

Calculation of the capacitance of three infinite bands laying on
the surface of a dielectric half-space. Izv. vys. ucheb. zav.;
elektromekh. 8 no.1:20-23 '65. (RHS 18:3)

1. Kafedra matematicheskikh analizov Leningoyskogo gosudarstvennogo
universiteta.

Simonek, J

CZECHOSLOVAKIA/Processes and Equipment for Chemical Industries-- K-1
Processes and apparatus for chemical technology.

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10603

Author : Simonek, J.
Inst : Not given
Title : Contact Heat Exchangers

Orig Pub: Strojirenstvi, 1956, Vol 6, No 5, 303-309 (in Czech, with summaries in German, Russian, and English)

Abstract: Material and heat balance equations are presented for heat exchangers used for the cooling and saturation of gases by direct contact with water. The cooling of gases in surface heat exchangers is also discussed.

Card 1/1

JIRI SIMONEK

Distr: 4E3c/4E3d

3
2

Comparison of thermal economies of nuclear reactors with single-stream and double-stream flow of the cooling medium, respectively. Jiri Simonek. *Strojiracstvo* 7, 483-7. (1957).—The temp. pattern of the cooling medium and of the surface of fuel elements in a cylindrical reactor was calcd. by simplified equations. The results indicated that in the case of double-stream flow higher outlet temps. of the coolant can be reached at the same admissible max. temp. of the fuel element surface. Construction problems connected with the double flow were indicated.

TH
1/1

AMK

B. M. Fabuss

Z/032/60/010/07/009/050

E073/E335

AUTHOR: Simonek, J., Engineer, Candidate of Technical Sciences

TITLE: Contribution to the Determination of the Pressure Drop
of a Gaseous Cooling Medium During Flow Through the Fuel
Elements of Nuclear Reactors

PERIODICAL: Strojirenství, 1960, Vol 10, Nr 7, pp 505-508+546

ABSTRACT: The aim of the work described in the paper was to develop more accurate methods for calculating the pressure drop of a gaseous cooling medium during its flow through the fuel elements of a nuclear reactor. The author derived the general differential equation pertaining to a unidimensional flow, which enables accurate determination of the pressure drop in the fuel element. The solution of this differential equation can be effected only by numerical methods, which is considerably time-consuming. Therefore, the author determined the integrals of this differential equation, which are valid under certain simplified conditions but satisfy the accuracy requirements for orientational calculations and calculations for comparing various types of elements. Furthermore, integrals were determined of this differential equation which are suitable for

Card1/2



Z/032/60/010/07/009/030

E073/E335

Contribution to the Determination of the Pressure Drop of a Gaseous Cooling Medium During Flow Through the Fuel Elements of Nuclear Reactors

calculating the pressure drop in certain special cases, namely, for the flow of the gas through a channel with a linear change in the temperature of the medium along its path and for isothermal flow of gas and for a flow of gas with heating disregarding friction. There are 4 figures and 6 references, of which 5 are Czech and 1 German.

ASSOCIATION: SVÚT, Prague

(State Research Institute of Heat Technology) ✓

Card 2/2

SIMONEK, Jiri

Design of steam cycles in nuclear power plants. Jaderna
energie 10 no.11:406 N '64.

1. State Research Institute of Heat Technology, Prague.

SIMONEK, Jiri; STURSA, Jaroslav

Analysis of the problems of steam cycles of nuclear power plants with regard to the A-2 alternative. Jaderna energie 9 no.8:265-266 Ag '63.

1. Statni vyzkumny stav tepolne techniky, Praha.

L 61540-65 EWT(m)/EPF(n)-2/T/EPA(bb)-2 Pu-4
ACCESSION NR: AP5019181 CZ/0038/64/010/011/0406/0406
20
B

AUTHOR: Simonek, Jiri

TITLE: Design of the steam cycles in a nuclear power plant *A*

SOURCE: Jaderna energie, v.10, no. 11, 1964, 406

TOPIC TAGS: nuclear power plant, nuclear power technology

ABSTRACT: Methods are presented for determining the operating characteristics of a nuclear power plant so as to obtain the lowest cost per unit of generated power. An arrangement of the steam cycles is suggested which satisfies this condition. SVUTT Report No 61-08012/1961.

ASSOCIATION: Statni vyzkumny ustav tepelne techniky, Prague (State Research Institute of Heat Engineering)

SUBMITTED: 00

ENCL: 00

SUB CODE: NPR

NR REF SOV: 000

OTHER: 000

JPRS

all m
Card 1/1

SIMONEN, SEPPÖ

Cattle breeders - Finland

Planned improvement of cattle breeding produced good results in Finland, Finsk. torg. zhur.,
No. 21 1952.

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

KAZAKEVICH, N. L., СЕРГЕЕВ, А. И., КАСАН, В. П., ШЕРШОВ, Л. П.

Machine Tools

Making cutters and stencils with straight tooth design on a cutting and grinding machine.
Vest. mash., 32, no. 2, 1952.

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

SIMONENKO, A., podpolkovnik

Shining example! Starsh.-serzh. no.5:8-9 My '62. (MIRA 15:6)
(Rockets (Ordnance))

NIKOLAY VSKIY, L.S.; SEMENKO, A.F.

Interruption of current pulses with a "plasma switch." Zhur.
prikl. spaktr. 3 no.5:467-468 II '65. (MIRA 18:11)

L 34844-66 EWT(1) IJ1(c) AT

ACC NR: AP6019648

SOURCE CODE: UR/0368/66/004/006/0485/0490

AUTHOR: Nikolayevskiy, L. S.; Simonenko, A. F.; Grenishin, S. G. 64
BTITLE: Spectroscopic investigation of a high current discharge at low
densities

SOURCE: Zhurnal prikladnoy spektroskopii, v. 4, no. 6, 1966, 485-490

TOPIC TAGS: plasma discharge, gas discharge spectroscopy, thermodynamic
equilibrium, DISCHARGE TUBE, PLASMA CONCENTRATION, EMISSIVITY

ABSTRACT: The spectroscopic method was used to investigate an ²¹air
plasma at 35,000°K, activated at different initial temperatures
($P_0 = 0.01-10$ mm Hg), in a discharge tube specially constructed for the
purpose. In addition to the temperature, determinations were made of
the concentration of the charged particles, the presence of thermodynamic
equilibrium was established, and the emissivity of the air was measured.
The article gives a diagram of the tube. The integral spectra with
time in the region of 3000 to 7000 Å were taken with a spectrophotometer
with a diffraction grid with a reverse linear dispersion of 5Å/mm, and
a type ISP-28 quartz spectrograph. The concentration of n_e electrons

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UDC: 537.525.1+535.33

L 34844-66

ACC NR: AP6019648

was determined from the width of the H β hydrogen line. The temperature of the plasma was determined from the ratio of the intensities of the OII lines. A table shows the experimental values of the concentration of the components of an air plasma as a function of the initial pressure. Further data are presented to establish that the plasma is in a state of thermodynamic equilibrium. Orig. art. has: 1 formula, 3 figures and 2 tables. [06]

SUB CODE: 20/ SUBM DATE: 06Dec65/ ORIG REF: 007/ OTH REF: 008
ATD PRESS: 5030

Card 2/2 ✓

SIMONENKO, A.N.

Path and orbit of the meteor of August 12, 1955, based on
photographic data. Astron. tsirk. no. 170:21-22 '56.

(MIRA 9:10)

1. Ashkhabadskaya Astrofizicheskaya laboratoriya.
(Meteors)

SIMONENKO, A. N.

Study of the base photograph of a meteor taken at 9:36:42 PM
on August 11, 1953. Izv. AN Turk. SSR no. 2:137 '57. (MLRA 10:5)

1. Institut fiziki i geofiziki AN Turkmenskoy SSR.
(Meteors)

83336

17.4000

S/169/60/000/007/004/016
A005/A001

Translation from: Referativnyy zhurnal, Geofizika, 1960, No. 7, p. 180, # 8274

AUTHOR: Simonenko, A.N.

TITLE: The Drag of the Meteor on July 29, 1957, According to Photographic Data

PERIODICAL: Astron. tsirkulyar, 1959, 30 yanv., No. 199, pp. 22-24

TEXT: The author describes a method for measuring the drag of a meteor; it was carried out by the base station at Keshi. A table of the values of velocity v and drag J of the meteor in the range of altitudes from 80.1 to 107.1 km is presented. The intense drag begins at the 91-km altitude and attains at the path end a value of the order of 10^5 g or 10 km/sec. Such high values of J (> 60 km/sec) were observed also in Czechoslovakia, where obturators were applied, which allow the determination of the connection between the drag and the variation in the stellar magnitude of the meteor. It is presumed that the energy loss by drag at altitudes of 88-91 km is connected with the emission. X

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

SIMONENKO, A.N.

Results of double recording of Perseids in Ashkhabad in 1956.
Biul. Kom. po komet i meteor. AN SSSR no.3:30-32 '58 (MIRA 13:3)

1. Ashkhabadskaya astrofizicheskaya laboratoriya.
(Meteors--August)

S/269/63/000/004/013/030
A001/A101

AUTHORS: Simonenko, A. N., Suvorov, Yu. I.

TITLE: The radiant of September 3

PERIODICAL: Referativnyy zhurnal, *Astronomiya*, no. 4, 1963, 49, abstract 4.51.396 ("Byul. Komis. po kometam i meteoram Astron. soveta AN SSSR", 1961, no. 6, 54 - 56)

TEXT: A short increase in the number of meteors was noted during radar observations of meteors on wavelength 8.13μ at the Khar'kov Polytechnic Institute on the night of September 3/4, 1959. About $22^{h}30^{m}$ UT the hourly number of meteors increased up to 630 as compared with the average value for September, at this time of day, being 240. After excluding the average background of sporadic meteors on the basis of time variations of meteor numbers and distance distribution of echoes, the authors determined the coordinates of the radiant of the supposed stream: $\alpha = 340^{\circ}$ and $\delta = -6^{\circ}$. The radiant obtained is close to the radiant of the σ -Aquariid stream, taking place on September 2-7, whose coordinates are $\alpha = 338^{\circ}$ and $\delta = -12^{\circ}$ according to visual determinations.
[Abstracter's note: Complete translation] V. Lebedinets

Card 1/1

3761

32500

S/035/62/000/004/022/056
A001/A101

AUTHOR: Simonenko, A. N.

TITLE: Lunar eclipse of May 24, 1956

PERIODICAL: Referativnyy zhurnal, *Astronomiya i Geodeziya*, no. 4, 1962, 65,
abstract 4A541 ("Astron. tsirkulyar", 1961, maya 30, no. 222,
12-13)

TEXT: The author reports on the observation of the lunar eclipse of May 24, 1956, at the Ashkhabad Astrophysical Laboratory. He presents the instants of contacts of the Earth's umbra with the centers of some craters and position angles. The radius of the Earth's umbra was determined, as well as its excess in comparison with the geometrical radius.

M. F.

[Abstracter's note: Complete translation]

Card 1/1

SEMOENKO, A.M. (Asb/abad)

Lunar eclipse of May 13, 1957. Astron. tsir. no. 220, 1957, 1-101.
(Eclipses, Lunar--1957)

SIMONENKO, A.N.

Taking into account the zenith distance of the radiant in determining the hourly numbers of the stream. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 2: 128-129 '62. (MIRA 15:4)

1. Fiziko-tekhnicheskii institut AN Turkmenskoy SSR.
(Meteors)

SIMONENKO, A.N.

Recent structural plan and basic characteristics of the
tectonic development of the folds in the Kagan uplift. Vop.
geol. Uzb. no.3:97-105 '62. (MIRA 16:6)

(Kagan region—Folds(Geology))

SIMONENKO, A.N.

Correction of the luminosity function for the error in the
determination of the brightness of a meteor. *Biul. Kom. po
kom. i meteor. AN SSSR no.7:51-52 '62.*

(MIRA 17:11)

1. Astrofizicheskaya laboratoriya, Ashkhabad.

SIMONENKO, Alla Nikolayevna; FEDYNSKIY, V.V., doktor fiziko-matem. nauk,
otv. red.; BRONSHTEN, V.A., red. izd-va; ASTAF'YEVA, G.A.,
tekhn. red.

[Treatment of meteor photographs] Obrabotka fotografii meteorov.
Moskva, Izd-vo Akad. nauk SSSR, 1963. 38 p. (MIRA 16:2)
(Meteors) (Astronomical photography)

S/202/63/000/001/005/006
E202/E592

AUTHOR: Simonenko A.N.

TITLE: Processing of meteor photographs by the theodolite method (case of stationary cameras)

PERIODICAL: Akademiya nauk Turkmenskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk. no.1, 1963, 110-112

TEXT: The author reviews briefly various limitations in the methods of processing the above and discusses in detail certain simplifications which may be introduced to the theodolite method. The latter is based on the reversibility of rays principle and reduces to the mutual orientation of the camera and theodolite. Although the first stage, i.e. the determination of a radiant, is simple, this method leads to considerable complications in the determination of the velocity. This method is frequently avoided on account of the difficulty in locating the meteor, which usually appears at the edges of the field of vision where there are seldom stellar trajectories. The author suggests that the orientation of the camera and the theodolite may be modified so as to make the
Card 1/3

Processing of meteor photographs ... S/202/63/000/001/005/006
E202/E592

meteor "horizontal" with respect to the theodolite. There is a further possibility of direct measurement of angular distances along the great circle between any points on the meteor circle (MC), and angular distances between any points on the negative and the MC. The difficulty of determining the radiant is the same as in the interpolation microscope method, while the determination of velocity reduces itself to the angular modification of the Millman method. In the present variant, the radiant is found as a pole of the poles of the MC. Using bearing stars (not less than two) and applying the cosine theory for a spherical triangle, the author determines the radiant. The determination of the velocity follows from the knowledge of the coordinates of two points M_1 and M_2 on the MC, where M_1 is chosen near the beginning of the meteor. The velocity may also be determined when the star's trajectory does not cross MC at the beginning of the photo-meteor. The author suggests that it is possible to check the orientation of the camera and the theodolite using the "horizontality" of the photo-meteor. The errors in the position of the negative in the camera do not affect the accuracy of the results if the shift of the negative is within 1 mm. If the shift is greater, in most

Card 2/3

Processing of meteor photographs ... S/202/63/000/001/005/006
E202/E592

cases it is impossible to place the photo-meteor "horizontally"..
There are 3 figures.

ASSOCIATION: Fiziko-tehnicheskiy institut AN Turkmenskoy SSR
(Physico-technical Institute of the AS Turkmen SSR)

SUBMITTED: July 16, 1962

Card 3/3

S/202/63/000/001/006/006
E032/E314

AUTHOR: Simonenko, A.N.

TITLE: Three base-line photometeors of 1956

PERIODICAL: Akademiya nauk Turkmenskoy SSR. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk. no. 1, 1963, 126 - 127

TEXT: Base-line photographs of three meteors were obtained in August, 1956, at the Ashkhabadskaya astrofizicheskaya laboratoriya (Ashkhabad Astrophysical Laboratory) (base length 20.96 km, azimuth angle 85.1°). A fast shutter, operating at 142.8 interruptions/sec, was employed at one of the points. Photographs of meteors 1 and 2 were analysed by the interpolation microscope method. Meteor 3 was analyzed by L.D. Urbakh by the theodolite method. Velocity-versus-time curves for these meteors show the initial absence of deceleration, which is characteristic of bright Perseids. Numerical tables are reproduced, giving the meteor parameters. The velocities were determined to 2% and the decelerations to within 5%. There are 2 figures and 4 tables.

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Three base-line

S/202/63/000/001/006/006
E032/E314

ASSOCIATION: Fiziko-tekhnicheskiy institut AN Turkmenskoy SSR
(Physicotechnical Institute of the AS Turkmen SSR)

SUBMITTED: October 5, 1962

Card 2/2

SIMONENKO, A.N.

Activity of Perseids in 1959. Izv. AN Turk.SSR. Ser. fiz.-
tekh., khim. i geol. nauk no.2:127-128 '63. (MIRA 17:8)

1. Fiziko-tekhnicheskii institut AN Turkmenskoy SSR.

BABAYEV, A.G.; KUSHNIROV, I.V.; LEBZIN, Ye.V.; SIMONENKO, A.N.

Types of oil and gas fields in the Bukhara-Khiva area. Neftegaz.
geol. o geofiz. no.8:5-11 '63. (MIRA 17:3)

1. Institut geologii i razrabotki neftyanykh i gazovykh
mestorozhdeniy AN Uzbekskoy SSR.

L 8613-65 EWT(1)/EWG(v)/EEC-4/EEC(t)/EWA(d) Pe-5/Pae-2 SSD/AFWL/AFETR/
ESD(t) GW

ACCESSION NR: AR4038684

8/0269/64/000/003/0067/0067

SOURCE: Ref. zh. Astron. Otd. vy* p., Abs. 3.51.501

AUTHOR: Simonenko, A. N. B

TITLE: Evaluation of the position of the radiant in processing meteor ¹² photographs

CITED SOURCE: Byul. Koiss. po kometam i meteoram Astron. soveta AN SSSR, no. 8,
1963, 40-44

TOPIC TAGS: astronomy, meteor astronomy, meteor, meteor photograph, meteor radiant

TRANSLATION: It is shown that the method of confidence intervals and regions can
be applied for estimating the accuracy of determination of the coordinates of
meteor radiants from corresponding photographic observations. This method of esti-
mating errors in determination of the radiant is illustrated by an example.
P. Babadshyanov

DATE ACQ: 17Apr64

SUB CODE: AA

ENCL: 00

Card

1/1

SIMONENKO, A.N.

Types of local structures of the Kagan region and methods for
studying them. Neftegaz. geol. i geofiz. no. 12:6-11 '63.
(MIRA 17:5)

1. Institut geologii i razrabotki neftyanykh i gazovykh
mestorozhdeniy AN U:SSSR.

L 14814-65 EWT(1)/EWA(d)/EWG(v)/EEC-4/EEC(t) Po-4/Pe-5/Pae-2 AFWL/SSD/AFETR/
 ESD(dp)/ESD(si)/ESD(t) GW
 ACCESSION NR: AP4043260 S/0203/64/004/004/0794/0796

AUTHOR: Simonenko, A.N. 6

TITLE: Dimensions and form of the earth's shadow on basis of observations of the lunar eclipse of 6 July 1963

SOURCE: Geomagnetizm i aeronomiya, v. 4, no. 4, 1964, 794-796

TOPIC TAGS: moon, lunar eclipse, earth shadow

ABSTRACT: At the time of the partial lunar eclipse of 6 July 1963 an attempt was made to determine the dimensions and form of the earth's shadow. The times of contact of the shadow with lunar craters were recorded. Results of the observations are given in a table in the Enclosure. In this table, n is the number of the object, d is the diameter of the object, expressed in ten-thousandths of the earth's radius; T is the time of contact of the edge of the earth's shadow with its center (UT); ψ is the position angle, read from the east (positive values) and west (negative values); r is the distance from the axis of the cone of the shadow (radius of the shadow), reduced to the plane $z_0 = 61.500$ from the earth's center; Δr is its excess in comparison with the geometric radius, computed using the formula

$$\Delta r = a - c \sin^2 \psi, \quad (1)$$

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L 14814-65

ACCESSION NR: AP4043260

2

where a is the semimajor axis of the ellipse of the shadow; c is the coefficient of flattening
 $a = 1.00001 - 0.480368 \cdot 10^{-5} z_0 \rho \odot$, $c = 0.003376 \cos^2 \delta \odot$ ($\rho \odot$ and $\delta \odot$ are
the apparent radius and declination of the sun). The values of r , Δr and z_0 are expressed
in terrestrial equatorial radii. It is shown that there is a dependence of r and Δr on
position angle. It was confirmed that there is an ellipticity of the shadow according to
observations in the circumpolar region which is considerably greater than required by
geometric considerations (this has been reported previously on the basis of observations
of the shadow in the equatorial region). The excess of the radius of the shadow and the
coefficient of flattening have greater values than reported from earlier observations;
this cannot be attributed to experimental errors. In order to explain the discrepancies
the author postulates that either the earth passed through a cloud of fine meteor bodies
or there has been an increase in the dust component of the upper atmosphere as a result
of the nuclear tests of recent years. Orig. art. has: 5 formulas, 1 figure and 1 table.

ASSOCIATION: Otdel razvedochnoy geofiziki i seysmologii AN Turkmenkoy SSR (Division
of Exploratory Geophysics and Seismology, AN Turkmen SSR)

SUBMITTED: 12Sep63

ENCL: 01

SUB CODE: AA

NO REF SOV: 006

OTHER: 002

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L 14814-65

ACCESSION NR: AP4043260

ENCLOSURE: 01

TABLE

Object	n	d	T	r	Δr	ψ
Doppelmayer K	12,3	14	20 ^m 45 ^m 54 ^c	0,7391	0,0198	-45 22'
Gassendi O	22,2	16	20 49 04	0,7382	0,0190	-46 11
Cichus B	32,0	25	20 51 05	0,7371	0,0179	-47 19
Lohrmann A	04,0	21	20 56 27	0,7358	0,0173	-60 56
Landsberg B	24,2	14	21 05 37	0,7367	0,0190	-57 22
Polybius B	72,1	18	21 12 17	0,7373	0,0182	-41 09
Bode	45,0	29	21 25 54	0,7339	0,0154	-62 07
Bode A	45,1	20	21 28 17	0,7370	0,0186	-63 26
Brayley	16,2	23	21 48 48	0,7340	0,0162	-88 08
Proclus	86,0	44	21 52 00	0,7372	0,0188	-64 52
Bessaron	16,1	17	22 10 32	0,7352	0,0171	+74 28
Flamsteed C	04,3	7	22 27 33	0,7356	0,0169	+56 43
Hansteen a	03,3	28	22 30 49	0,7321	0,0132	+53 34
Sulpicius Gallus M	56,1	8	22 32 41	0,7319	0,0139	+74 20
Sulpicius Gallus e	56,2	-	22 35 46	0,7351	0,0170	+74 09
Bessel	67,0	22	22 37 16	0,7334	0,0153	+74 11
Hesiodus B	32,6	16	22 55 51	0,7323	0,0132	+43 48
W. H. Pickering	84,0	20	23 18 16	0,7363	0,0174	+52 47
Rosse	73,2	19	23 20 33	0,7394	0,0206	+44 37

Card 3/3

SIMONENKO, A.D.

Duration of Farsold showers. Izv. AN Turz. SSR. Ser. fiz.-tekh.,
khim. i geol. ser. no. 6:120-131 '63. (MIRA 18:1)

1. Fiziko-tehnicheskyy institut AN Turkmensoy SSR.

LYUBARSKIY, K.A.; SIMONENKO, A.N.

Incongruity of the existing methods for determining the true number
of meteors. *Bull. VAGO* no.35:8-17 '64. (MIRA 18:4)

1. Ashkhabadskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo
obshchestva.

GUL'MEDOVA, A.A.; SIMONENKO, A.N.; YUSHKEVICH, B.S.

Results of photographic observations of meteors. Izv. AN Turk.
SSR. Ser. fiz.-tekhn., khim. i geol.nauk no.3:131 '64
(MIRA 18:1)

1. Otdel geofiziki i seysmologii AN Turkmenskoy SSR, Astrofiziki-
cheskaya laboratoriya.

KARIMOV, A.K., AKHMAJEV, M.P.; JINQIYEV, A.S.; ISMAYILOV, M.K.

Affiliation of oil and gas fields in the Fergan region with Mesozoic sediments in the Fergan region. *Geologiya i gaza* no. 2:10-21. pp. 108. (MIRA 18:8)

1. Institut geologii i razrabotki nefti yuzhno-igorskiy mestorozhdeniy AN Uzbekskoy SSR.

SEMENKO, A.F.

Nature of dislocations caused by contortion of cover rocks
in western Uzbekistan. Uzb. geol. zhur. 9 no. 6:77-79 '65
(MIRA 19:1)

GRISHCHENKO, Yu.A.; ZHDANOV, L.Ya.; SIMONENKO, A.N.

Prospects for finding oil and gas in the western and northwestern parts of the Beshkent trough. Neftgaz. geol. i geofiz. no. 10:6-8 '55. (MIRA 18:12)

1. Treat "Karsh'neftgazrazvedka" i Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy AN Uzbekskoy SSR.

ACC NR: AP6018932

SOURCE CODE: UR/0203/66/066/003/0608/0609

AUTHOR: Levin, B. Yu.; Simonenko, A. N.

ORG: Institute of Earth Physics im. O. Yu. Schmidt, AN SSSR (Institut fiziki Zemli AN SSSR)

TITLE: The disintegration of meteoric bodies in the Earth's atmosphere

SOURCE: Geomagnetizm i aeronomiya, v. 6, no. 3, 1966, 608-609

TOPIC TAGS: meteor, meteor observation, atmosphere

ABSTRACT: The authors dispute the contention of Ye. N. Kramer (Geomagn. i aeronomiya, 1965, 5, No. 2, 276) that the conclusions of the micrometeorite theory are applicable to the movement of particles which have separated from a larger meteor body. Disintegration of the meteor body is shown to lead to an increase of σ , and, consequently, to a reduction of the residual mass. Thus, contrary to Kramer's opinion, disintegration not only does not reduce the emission of the meteor, but rather increases it (negligibly, since the residual masses are small). Complete light energy emitted by the meteor is proportional to the initial mass of the meteor body, with disintegration leading only to a redistribution of the emitted energy along the path, without changing the sun light energy, since the proportionality between the mass

Card 1/2

UDC: 523.5

ACC NR: AP6018932

and the light energy emitted is preserved in the case of each individual particle. The implications of this assertion are considered at some length. The effect of the law according to which the meteoric body disintegrates on the mechanism of light intensity distribution along the path of a real meteor is analyzed, and the use of photometric curves for light energy analysis is briefly discussed. Orig. art. has: 2 figures.

SUB CODE: 03/ SUBM DATE: 07Jan66/ ORIG REF: 002

Card 2/2

ZOR'KIN, Ya.M.; SIMONENKO, A.N.; FEDOTOV, Yu.A.; KUSHNIROV, I.A.

Some features of the tectonic structure of the Dzharkak-Sarytash Upland. Dokl. AN Uz. SSR no.7:14-18 '59.
(MIRA 12:10)

1.Uzbekskiy filial Vsesoyuznogo nauchno-issledovatel'skogo geologo-razvedochnogo neftyanogo instituta. Predstavleno akad. AN UzSSR Kh.M. Abdullayevym.

(Uzbekistan--Geology, Structural)

ZOR'KIH, Ya.M.; SIMONENKO, A.N.; FEDOTOV, Yu.A.; KUSHNIROV, I.V.

Tectonic structure of the foundation of the Bukhara-Khiva gas and oil region. Dokl. AN Uz. SSR no.12:31-34 '59. (MIRA 13:5)

1. Institut geologii i razrabotki neftyanykh i gozovykh mestorozhdeniy. Predstavleno chlenom-korr. AN UzSSR G.A. Mavlyanovym. (Uzbekistan--Geology, Structural)

BABAYEV, A.G.; LEEZIN, Ye.V.; SIMONENKO, A.N.; KUSHNIROV, I.V.;
NUGMANOV, A.Kh., kand. geol.-miner. nauk, otv. red.;
KANASH, O.A., red.; KARABAYEVA. Kh.U., tekhn. red.

[Bukhara-Khiva oil and gas area; geology, types of oil and
gas occurrences, their distribution and formation] Bukhara-
Khivinskaiia neftegazonosnaia oblast'; geologicheskoe stro-
enie, tipy skoplenii nefiti i gaza, zakonomernosti ikh raz-
meshcheniia i formirovaniia. [By] A.G. Babaev i dr. Tashkent,
Izd-vo Akad. nauk UzSSR, 1963. 130 p. (MIRA 16:7)

(Uzbekistan--Petroleum geology)
(Uzbekistan--Gas, Natural--Geology)

BABAYEV, A.G.; LEBZIN, Ye.V.; SIMONENKO, A.N.; KUSHNIROV, I.V.

Some geological and hydrodynamic characteristics of the formation and distribution of oil and gas fields in western Uzbekistan. Geol. nefti i gaza 7 no.541-9 My '63.
(MIRA 16:6)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy AN Uzbekskoy SSR.

(Uzbekistan—Petroleum geology)
(Gas, Natural—Geology)

SIMONENKO, A.S.
SIMONENKO, A.S. (Gomel')

New developments in the treatment of bronchial asthma. Vrach.delo
supplement '57:41 (MIRA 11:3)

1. Chetvertaya gorodskaya bol'nitsa.
(ASTHMA)

SIMONENKO, A.S. (Gomel')

Treating chronic pulmonary suppurative diseases. Vrach.delo no.4:
425 Ap '57. (MIRA 10:7)

1. Chetvertaya gorodskaya bol'nitsa.
(PENICILLIN) (LUNGS--ABSCESS)

SIMONENKO, A.S.

Severe poisoning from hexachlorane. Zdrav. Belor. 4 no.2:66 F '58.
(MIRA 13:8)

1. Zaveduyushchiy terapevticheskim otdeleniye 7 gorodskoy bol'nitsy
g. Gomelya (glavnyy vrach V.P. Shilovich).
(CYCLOHEXANE—TOXICOLOGY)

SIMONENKO, A.S., zaveduyushchiy terapevticheskim otdeleniyem

Treatment of bronchial asthma by the intratracheal administration of penicillin-novocaine solutions. Zdrav.Belor. 5 no.6: 25-26 Je '59. (MIRA 12:9)

1. Iz 7 gorodskoy bol'nitsy gor.Gomelya (glavnyy vrach bol'nitsy V.P.Shilovich).
(ASTHMA) (PENICILLIN) (NOVOCAINE)

SIMONENKO, A.S.

Rheumatic fever and chronic mitral endocarditis. Zdrav.Belor. 5
no.1:29-31 Ja '60. (MIRA 13:5)

1. Iz 7 gorbol'nitsy g. Gomelya (glavnyy vrach V.P. Shilovich)
(ENDOCARDITIS) (RHEUMATIC FEVER)

SIMONENKO, A.S. (Gomel')

Intratracheal administration of penicillin and novocaine in the
treatment of bronchial asthma. Vrach. delo no.6:127-128 Je '61.
(MIRA 15:1)

1. Terapevticheskogo otdeleniye sed'moy gorodskoy bol'nitsy, g.Gomel'.
(PENICILLIN) (NOVOCaine) (ASTHMA)

SIMONENKO, A.S.

← Novocaine as a supplementary therapeutic agent. Zdrav.Bel. 8
no.7:27-29 J1 '62. (MIRA 15:11)

1. Iz 7-y gorodskoy bol'nitsy g. Gomelya (glavnyy vrach A.S.
Simonenko).

(NOVOCAINE)

SIMONENKO, A.S.a. (Gomel')

Use of novocaine in basic corticovisceral diseases. Vrach.delo
no.12:126-128 D '62. (MIRA 15:12)

1. Sed'maya gorodskaya bol'nitsa i meditsinskoye uchilishche,
Gomel'.

(NOVOCAINE)

SIMONENKO, A.S.

Treatment of bronchial asthma by intratracheal administration
of penicillin in a novocaine solution. Kaz.med. zhur. no.2:
35-36 Mr-Ap'63 (MIRA 16:11)

1. Bol'nitsa No.7 g. Gomelya (glavnyy vrach A.S. Simonenko).

*

NAZAROV, G.I.; SIMONENKO, A.S., inzh.

Method for the calculating the flywheel mass of a diesel generator aggregate in independent rural electric power generators operating under sharp changes of loads. Izv. TSKHA no.2:155-165 '63. (MIRA 16:10)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni Lenina (for Nazarov)

SIMONENKO, B. K.

394

Organizatsiya i planirovaniye predpriyatiy lesnoy i otokhmel'noy promyshlennosti.
Metod. Ukazaniya (Dlya studentov inzh. - Ekon. fak.) L., 120-vo
VZLTI, 1954, 32s. 21sm. (M-vo Vyssh. obrozovaniya SSSR. Vsesoyuz.
Zaoch, Lesotekhn. in-t. 500 Ekz. Bespl- (54-55334)
634.98:658.5(071.4)

SO: Knizhnaya Letopis', Vol. 1, 1955

PAVLOV, A.I., kand.tekhn.nauk, dotsent; POZHIDAYEV, N.N., kand.tekhn.nauk,
dotsent; SIMONENKO, D.F., inzh.

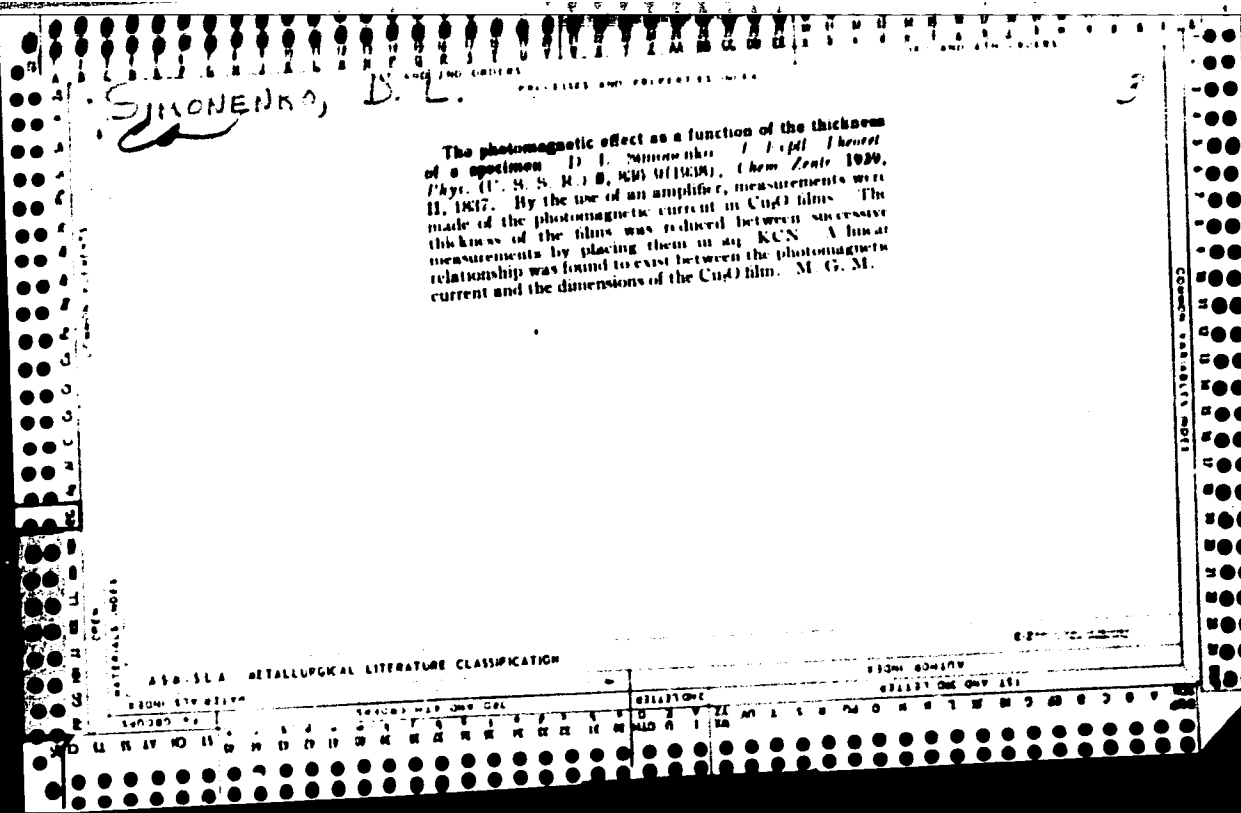
New abrasion tester for textile fabrics and knit goods. Izv.
vys. ucheb. zav.; tekhn. leg. prom. no. 1:30-37 '60. (MIRA 14:5)

1. Kiyevskiy tekhnologicheskiy institut legkoy promyshlennosti.
Rekomendovana kafedroy materialovedeniya.
(Textile fabrics—Testing) (Knit goods—Testing)

PAVLOV, A.I., kand.tekhn.nauk, dotsent; POZHIDAYEV, N.N., kand.
tekhn.nauk, dotsent; SIMONENKO, D.F., inzh.

Methods for testing the resistance of textile fabrics
to abrasion on the TI-1 apparatus. Izv. vys. ucheb. zav.;
tekh. leg. prom. no.2:36-41 '60. (MIRA 13:11)

1. Kiyevskiy tekhnologicheskiy institut legkoy
promyshlennosti. Rekomendovana kafedroy materialovedeniya.
(Textile fabrics--Testing)



SECRET

KIKOIN, I. K., SIMONEENKO, D. L.

The Effect of the Magnetic Field on the Photoconductivity of Semiconductors. ZhETF 10, 1030, 1940.

SIMONENKI, D. L.

EFFECT OF MAGNETIC FIELD ON THE PHOTOCONDUCTIVITY OF SEMICONDUCTORS.
I. M. HILSH AND D. L. SIMONENKI (PHYS. TECH. INST., HEIDELBERG). J. Tech. Phys. (U.S.S.R.) 7.11, 175-8 (1966). The relative change of elec. resistance $\Delta r/r$ was detd. from the change of the p.d. across an auxiliary resistance in series with the sample. With a sensitivity in $\Delta r/r$ of 0.03%, magnetic fields up to 3000 oersteds were found to be without effect on the elec. resistance of Cu_2O shaped into tablets $15 \times 4 \times 0.2$ mm., having a resistance of the order of 10^2-10^7 ohms. Photocond. was investigated at the temp. of liquid N where elec. cond. in the dark is negligible. The photoelectromagnetic effect which gives rise to an e.m.f. in the semiconductor upon illumination perpendicular to the magnetic field and thus causes a current to flow even in the absence of an external source, was eliminated by the device of illumination from 2 sides; successful compensation is indicated by absence of elec. current in the magnetic field w/o. symmetrical illumination without external source of current. With that source included, the current arising on illumination is per photocond. current. In contrast to elec. cond. in the dark, photocond. of Cu_2O is appreciably reduced by the magnetic field; the order of magnitude of this new effect is about 20% in a field of 3000 oersteds. Lowering of the temp. through reduction of the pressure over the liquid N results in an increase of $\Delta r/r$; example: magnetic field strength 3000 oersteds, pressure 750, 170, 90mm., $\Delta r/r = 12.3, 13.4, 23.0\%$, resp. The reality of the effect was checked by expts. that excluded such sources of error as possible ponderomotive deformation of the incandescent lamp filament by the magnetic field or a magnetic field effect on the O admixed to the liquid N.

Immediate source clipping

10

M

PROCESSES AND PROPERTIES INDEX

***A New Method of Reducing Difficultly Reducible Metals and Rare Elements (Zirconium, Thorium, and Boreon). D. L. Simonenko (Compt. rend. (Izhkiady) Acad. Sci. U.R.S.S., 1946, 51, (4), 303-306).—[In English].** Two forms of apparatus for reducing refractory oxides to the metal (zirconium, thorium, and boreon) are described. In each case the atomic and ionic hydrogen present in the flame of an arc burning in hydrogen is used. In the first method, the arc is struck, in hydrogen, between an anode consisting of several sharp tungsten wires, and a tungsten-dish cathode containing the oxide to be reduced. The power of the arc is 70-120 W, and the hydrogen pressure 200-400 mm. of mercury. The oxide, being negatively charged, attracts the gaseous ions, and reduction is effected not only by atomic and molecular hydrogen, but by H₂⁺ and H⁺ ions. Even in cases where the oxide reduction by molecular hydrogen is endothermic, the reactions involving the ions are exothermic. The second apparatus is designed to take advantage of the ionic reactions. The arc is struck between a graphite-cylinder anode and a co-axial graphite-rod cathode, and is caused to rotate by means of a solenoid. Through the disc of flame thus produced, the oxide powder is blown and reduction takes place. Experimental details are given.—G. V. K.

METALLURGICAL LITERATURE CLASSIFICATION

A 50-51 A

USSR/Nuclear Physics - Molecular Rays May 50
New Techniques

"Method of Obtaining Molecular Rays," D. L. Simonenko, 5 pp

"Zhur Eksper i Teoret Fiz" Vol XX, No 5

СРЕДНЕ

Introduces preliminary information on new method for obtaining intense atomic rays, which allows regulation of speed and intensity. Method is based on neutralization of ionic rays with aid of intense electron currents directed perpendicularly to direction of ions. Intense

160782

USSR/Nuclear Physics - Molecular Rays May 50
(Contd)

and "monochromatic" (in reference to velocity) molecular rays are possible. Speed is varied over wide range by variation in accelerating potential in ion source. Gives schematic sketch of apparatus. Density of ionic flux is 2.10⁻⁵ amp/sq cm. Submitted 6 Oct 49.

160782

SIMONENKO, D. L.

SIMONENKO, D.L., and ISAYEV, B.M.

"Preliminary Data on the Effects of Atomic Bomb Explosions on
Concentration of Artificial Radioactivity in the Lower Atmosphere and Soil," a
report edited by the above and appearing in the Washington Post and Times
Herald, 5 June 1957

SHIMIZU, D.I.

Genetic effectiveness of radiobiotopes which can be incorporated
into the deoxyribonucleic acid molecule. Radiobiologia 3 no.5:
633-643 1963. (MIRA 17:4)

SIMONENKO, D.L.

Effect of solar radiation on the propagation of the radioactive products of nuclear explosions in the atmosphere.
Atom. energ. 17 no.2:130-136 Ag '62 (MIRA 17:8)

GORITSKAYA, V.V.; UDOVITSKAYA, Ye.F.; SIMONENKO, E.N.; CHERNOMORDIK, A.B.

Data on intestinal parasitic fauna in children of the nursery age;
preliminary communication. Zhur.mikrobiol.epid. i immun. 27 no.12:
58-60 D '56. (MLRA 10:1)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i
gigiyeny.

(PARASITIC DISEASES, in infant and child,
intestinal (Rus))

(GASTROINTESTINAL DISEASES, in infant and child,
parasitic (Rus))

KLYUCHEROV, A.P.; KONDRAT'YEV, S.N.; Prinsipalni uchastiye: GUSAROV, F.V.;
UDOVENKO, V.G.; PETROV, G.A.; BURKSER, V.Ye.; SHMONIN, I.A.;
KUDRIN, Ye.A.; GALAKHMATOV, S.N.; ZIMINA, L.P.; SHISHARIN, B.N.;
KONDYURINA, R.V.; BURMISTROV, K.A.; SHIRNIN, I.A.; ~~SIMONENKO, F.N.~~;
GORSHILOV, Yu.V.; KOLPAKOV, B.V.; GUSAROV, A.K.; BOLOTOV, P.G.

Heat insulation of open-hearth furnace crowns. Metallurg 5 no.11:
14-17 N '60. (MIRA 13:10)

1. Nizhe-Tagil'skiy metallurgicheskiy kombinat.
(Open-hearth furnaces--Design and construction)
(Insulation (Heat))

VYDRINA, Zh.A.; SIFOMENKO, F.N.

Increasing the stability of steel tapping holes. Metallurg 7
no.1:24-25 Ja '62. (MIRA 15:1)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.
(Smelting furnaces)

PETROV, G.A.; KLYUCHEROV, A.P.; KONDRAT'YEV, S.M.; KORSHUNOV, V.S.; SIMONEIKO,
F.M.

Rapid methods of heating and fritting the hearth bottom of high ca-
pacity open-hearth furnaces. Stal' 23 no.7:611-615 JI '63.
(MIRA 16:9)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat i Vostochnyy nauchno-
issledovatel'skiy i proyektnyy institut ogneuporov.
(Open-hearth furnaces—Maintenance and repair)

VYDRINA, Zh.A.; KONDRAT'YEV, S.N.; ABDULINA, M.A.; SIMONENKO, F.N.;
AKSEL'ROD, L.M.; SHIRNIN, I.A.

Efficiency of using finely milled powders for repairing and
fritting hearth bottoms of open-hearth furnaces. Stal' 24
no.11:989-991 N '64. (MIRA 18:1)

SIMONENKO, G.

An unscrupulous method. Okhr. truda i sots. strakh. 4 no.10:46-
47 0 '61. (MIRA 14:12)

1. Starshiy konsul'tant otдела Vsesoyuznogo tsentral'nogo
soveta professional'nykh soyuzov po gosudarstvennomu sotsial'nomu
strakhovaniyu.

(France---Insurance, Social)
(Insurance, Social)

SIMONEIKO, G.

When health is harmed. Sov. profsoiuzy 18 no.11:46-47 Je '62.
(MIRA 15:6)

1. Starshiy konsul'tant otдела Vsesoyuznogo tsentral'nogo soveta
professional'nykh soyuzov po gosudarstvennomu sotsial'nomu
strakhovaniyu.

(Industrial accidents)

SIMONENKO, G.

Compensation for damages. Sov.profsoiuzy 18 no.22:38-39 N 462.
(MIRA 15:12)

1. Starshiy konsul'tant otдела Vsesoyuznogo tsentral'nogo soveta
professional'nykh soyuzov po gosudarstvennomu sotsial'nomu strakho-
vaniyu.

(Employer's liability)

SIMONENKO, G.

Plant committee issues a travel order ... Sov. profsoiuzy
19 no.8:25 Ap '63. (MIRA 16:6)

1. Starshiy konsul'tant ot dela Vsesoyuznogo tsentral'nogo
soveta professional'nykh soyuzov po gosudarstvennomu sotsial'-
nomu strakhovaniyu.

(Trade unions)

(Health resorts, Watering places, etc.)

SIMONENKO, G.

Reduce morbidity and industrial accidents. Sov. profsoiuzy 19
no.16:42-43 Ag '63. (MIRA 16:10)

1. Starshiy konsul'tant otdela Vsesoyuznogo tsentral'nogo soveta
professional'nykh soyuzov po gosudarstvennomu sotsial'nomu.

SIMONENKO, G.L.

Improving the checking of the parallelism of micrometer working
surfaces. Izv.tekh. no.1:14 1. '62. (MIRA 14:12)
(Micrometer--Testing)

SIMONENKO, I.

Reversible trippers. Muk.-elev.prom. 21 no.1:25-26 Ja '55.
(MLRA 8:5)

1. Kiyevskaya normativno-issledovatel'skaya stantsiya Zagotserno.
(Flour mills--Equipment and supplies)
(Conveying machinery)

SIMONENKO, I.

Improving the operation of units for mechanical ventilation of
grain. Muk.-elev.prom.21 no.6:22 Je'55. (MIRA 8:10)

1. Kiyevskaya normativno-issledovatel'skaya stantsiya Zagotserno
(Grain--Storage)

SIMONENKO, I., polkovnik meditsinskoy sluzhby

Defense against bacteriological warfare. Voen.znan. 38 no.8:25-26
Ag '62. (MIA 15:8)

(BIOLOGICAL WARFARE)

SIMONENKO, I.A.; CHIRKOV, E.V.

Finds of the cone-in-cone structure in the southern Fergana.
Vop.geol.Uzb. no.2:114-119 '61. (MIRA 15:12)
(Fergana—Petrology)

ZINDEL', L.A.; SIMONENKO, I.A.

Division of Jurassic sediments in the western Gusan based on the
study of clay minerals. Uzb.geol.zhur. 6 no.1:41-48 '62.
(MIRA 15:4)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy
AN Uzbekskoy SSR.
(Fergana -Geology, Stratigraphic)

ZINDEL', L.A.; SIMONENKO, I.A.; PETROV, N.P., kand. geol.-miner.
nauk, otv. red.; MOSHCENKO, Z.V., red.; KARABAYEVA,
Kh.U., tekhn. red.

[Mineralogical and geochemical characteristics of clays
and the petroleum and gas bearing potential in the
Jurassic sediments of the Fergana] Mineralogo-geokhimi-
cheskaia kharakteristika glin i nekotorye voprosy nefte-
gazonocnosti iurskikh otlozhenii Fergany. Tashkent, Izd-
vo AN Uzb.SSR, 1963. 112 p. (MIRA 17:1)
(Fergana--Petroleum geology)

ZEBDEL, I.A.; SIMONIK, I.A.

Distribution of clay minerals and some problems of oil and gas potentials in the Jurassic sediments of Ferrara. Zap. Uz. otd. Vses. min. ob-va no. 15:114-121 '69. (MIRA 17:10)