ZYUZEV, N.F.

Spectrum of a phase keyed signal at the output of an ideal amplitude limiter. Elektrosviaz' 19 no.6:74-75 Je '65.

(MIRA 18:6)

35461
S/109/62/007/003/003/029
D234/D302

6.9760

AUTHOR: Zyuzev, N.F.

TITLE: Detection of periodical pulse signals in the presence of pulse disturbances and incoherent storage

PERIODICAL: Radiotekhnika i elektronika, v. 7, no. 3, 1962, 387 - 390

TEXT: The author considers the reception of signals by a receiver, whose detector and storage unit have linear characteristics. It is supposed that the effective voltage of internal noises of the receiver is much smaller than the voltage amplitude of the disturbing pulses. Formulas are obtained which allow determination of the probability of false alarm and that of correct detection (i.e. the probability that the signal with the disturbance will exceed the threshold value at the output of the storage unit), in terms of the signal/disturbance ratio at the input and the magnitude of the threshold. If the probability for at least one disturbing pulse to occur in a certain time interval and the probability of superposi-

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tion of a disturbance pulse with a signal are both larger than 0.1 and the number of stored pulses n is larger than 10, the formulas for normal distribution can be used with some error. If the above probabilities are both smaller than 0.1, the distribution of random quantities behind the storage unit approaches the normal distribution only when $n \geqslant 100$. There are 2 figures and 1 Soviet-bloc reference.

SUBMITTED: July 10, 1961

ZYUZEV, N.F.

Concerning the detection of periodic pulse signals in the presence of impulse interference and incoherent accumulation. Radiotekh. i elektron. 7 no.3:386-390 Mr '62. (MIRA 15:2)
(Radio—Receivers and reception)
(Pulse techniques (Electronics))

ZYUZIN, A.F.; IL'IN, Ye.V.; LAZAREV, N.I.; SOKOLOV, D.V., inzh., nauchnyy red.; SHIROKOVA, G.M., red. izd-va; BOROVNEV, N.K., tekhn. red.

[Installing electrical equipment in industrial enterprises and installations] Montazh elektrooborudovaniia promyshlennykh predpriiatii i ustanovok. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 283 p. (MIRA 15:2)
(Electric power distribution--Equipment and supplies)

ZYUZIN, Aleksandr Filippovich; PATENOVSKAYA, M.I., red.

[Safety manual for electricians engaged in the installation of electrical equipment in industrial enterprises] Pamiatka po tekhnike bezopasnosti dlia elektromontera po montazhu elektrooborudovaniia promyshlennykh predpriiatii. Moskva, Stroiizdat, 1965. 35 p. (MIRA 18:4)

TYUTYUNNIKOV, Anatoliy Ivanovich; ZYUZIN, Arkadiy Ivanovich; LEONOV, S., red.

[Feeds is the main thing] Korma - glavnoe. Moskva, Moskovskii rabochii, 1964. 79 p. (MIRA 17:8)

ZYUZIN, Arkadiy Ivanovich; TROKHIMOVSKIY, Gay Vladimirovich; BATSANOV, A.S., kand. sel'khoz. nauk, red.; LEONOVA, T.S., red.; RAKITIN, I.T., tekhn. red.

[Second bread] Vtoroi khleb. Moskva, Izd-vo "Znanie," 1963. 31 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no.21) (MIRA 17:1)
(Potatoes)

ZYUZIN, Arkadiy Ivanovich; KHABAROV, N.

[Profits of state farms] O rentabel'nosti sovkhozov. Moskva, Mosk. rabochii, 1961. 45 p. (MIRA 15:2)
(State farms)

MAKAROV, N.I.; SKLYAROV, V.Ya.; ALIKPEROVA, Sh.M.; NADZHAROV, A.F.; DZEBISASHVILI, Yu.I.; MNATSAKANYAN, A.G.; ODINOCHENKO, O.N.; AZUGAROVA, M.Kh.; ZYUZIN, A.S.

Morbidity from anthrax in animals and humans in Ciscaucasia and Transcaucasis in 1960-1961: authors' abstract. Zhur. mikrobiol. epid. i immun. 40 no.5:112-113 My '63. (MIRA 17:6)

1. Iz Nauchno-issledovatel'skogo protivochumnogo instituta Kavkaza i Zakavkazya, Azerbaydzhanskoy, Armyanskoy, Gruzinskoy, Severo-Osetinskoy, Checheno-Ingushskoy respublikanskikh sanitarno-epidemiologicheskikh stantsiy i Azerbaydzhanskoy protivochumnoy stantsii.

ZYUZIN, A.S.

Nature of changes in the Kashka-Tash glacier. Izv.Vses.geog. ob-va 92 no.4:365-369 Jl-Ag '60. (MIRA 13:8)
(Kashka-Tash Valley--Glaciers)

ZYUZIN, A.S.

Nature of temperature fields in cities and the phenomenon of anomalous lateral refraction. Izv. AN SSSR. Ser.geofiz. no.2: 326-329 F '59. (MIRA 12:2)

1. Dnepropetrovskiy institut inzhenerov zheleznо-dorozhnogo transporta.

(Atmospheric temperature) (Refraction, Terrestrial)

3(2),3(4)

AUTHOR: Zyuzin, A. S., Candidate of Technical Sciences

SOV/6-58-12-4/14

TITLE: Peculiarities of Angle Measurements in Mountains (Osobennosti uglovykh izmereniy v gorakh)

PERIODICAL: Geodeziya i kartografiya, 1958, Nr 12, pp 14-20 (USSR)

ABSTRACT: For a more accurate study of the conditions under which local fields of refraction occur in various physical-geographical areas, and for a more accurate determination of the quantitative and qualitative distortion of horizontal angles brought about by these fields, experiments were carried out in a gorge in the high mountains in summer 1957, independently of the TsNIIGAiK. The gorge is extending from south-east to north-west. In the south, it is closed by the main ridge and its branches over 4000 meters high. A torrent fed by the glaciers flows through the valley. Glaciers reach down into the valley to a height of 2250 meters, and have a total surface of 30 km^2. The northern, and partially the southern slopes with a gradient of 30° and over, are covered with wood and grass up to a height of 3000-3300 meters. On account of the investigation, the following

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was found: 1) On quiet sunny days in the mountains, great local refraction fields are formed due to high insulation and the difference in heat-technical properties of the subsoil. The stability of these fields is favored by the orography of mountain regions. The gorges shut off by mountains weaken the mixing of air layers. For this reason, angle measurements in mountain regions may contain big errors due to lateral refraction, which exceed by far the normal error of measurement. 2) In mountain regions, horizontal temperature gradients with a zero value may be observed not only before sunset, but sometimes also later. Therefore, the instructions for the most favorable time of angle measurement (after 16 hours) should be supplemented by a clause for observations in the mountains as in these regions observations may be greatly influenced by lateral refraction in the evening. The problem is to be solved separately for each occasion, considering the orography, the character of the subsoil in individual directions, and illumination of slopes. There are 3 figures, 4 tables, and 3 Soviet references.

SOV/49-59-2-22/25

AUTHOR: Zyuzin, A. S.

TITLE: The Nature of a Temperature Field in a Town and the Phenomenon of Anomalous Lateral Refraction (Kharakter temperaturnogo polya v gorode i yavleniye anomal'noy bokovoy refraktsii)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1959, Nr 2, pp 326-329 (USSR)

ABSTRACT: When considerable horizontal gradients exist in the atmosphere, lateral refraction of light rays may occur. Such temperature gradients may be found in towns where during the day strong heating of walls of buildings may occur. Such heating will depend on the intensity and the angle of incidence of solar radiation. Lateral reflection distorts the results of measurements of angles in precise geodesical work in towns. This phenomenon was studied by the author and his results are reported in the present paper. It is assumed (Fig 1) that an object B is observed at a point A parallel to the y-axis and that a horizontal gradient of the refractive index exists between A and B . The gradient α is such as to bend the light ray downwards (along the x-axis) and it is given

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The Nature of a Temperature Field in a Town and the Phenomenon of Anomalous Lateral Refraction

by $n = n_o + \alpha x$, where n_o is the refractive index at a point where the ray is parallel to AB . Assuming that the angle of lateral refraction γ is small, the author found:

$$\gamma = \frac{S\alpha}{2n_o} \qquad (1)$$

where S is the ray path AOB . The value of n is a function of pressure and temperature of the atmospheric air. It is usually assumed that $(n - 1) = c\rho/\rho_o$, where ρ is the density of air and ρ_o is the density at normal pressure p_o and normal temperature T_o . The value of c is 2.925×10^{-4} at $\lambda = 5980$ Å. The effect of the horizontal pressure gradient on lateral refraction can be neglected compared with the term $(p/T)(dT/dx)$. Then the angle of lateral refraction γ is given (in seconds) by:

$$\gamma'' = 10'',84 \frac{S}{T}\left[\frac{dp}{dx} - \frac{p}{T}\frac{dT}{dx}\right] \qquad (2)$$

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where p is in mm Hg. Eq (2) shows that for a constant value of S and small changes in the coefficient p/T^2 the value of lateral refraction angle γ depends primarily on the horizontal temperature gradient dT/dx . To investigate the effect of a temperature field in a street of a town (Dnepropetrovsk) very close to walls of large buildings, the author measured horizontal angles near such walls. These angles were measured with a mean error of $\pm 1".5$. The air temperature across a street was measured by means of an aspiration thermometer and thermoelectric couples. At the moment of measurement of an angle the author also noted the wind velocity, the amount of cloud and the visibility. It was found that measurement of horizontal angles can be considerably distorted by the horizontal temperature gradients existing in town streets at a height of about 1.5 m above the ground level. On clear, sunny days the observed value of the horizontal angle whose sides were at a distance of 0.75 m from the nearest wall exposed to the sun, was found

The Nature of a Temperature Field in a Town and the Phenomenon of Anomalous Lateral Refraction

to vary systematically during the day because of lateral refraction. Such variations reached up to 20" (see table on p 327) in the middle of the day, falling back to 0" in the morning and in the evening. Variations of the measured horizontal angles were much smaller on cloudy days or on those sides of the streets which were in shadow. Winds of velocities higher than 3-4 m/sec destroyed the temperature fields and consequently lateral refraction became negligible. Lateral refraction could also be decreased by moving the theodolite and the associated equipment used for measurement of horizontal angles, away from walls exposed to the sun. Under the worst conditions lateral refraction may be observed at distances up to 2-3 m from walls. Fig 2 shows three curves which represent the distortion of the observed horizontal angle at distances of 0.5, 1.25 and 1.75 m from a wall. These distortions are given in seconds of angle as a function of the time of day. Fig 3 shows the temperature field across a street at midday on April 30 on a calm, sunny day. The street ran in a North-easterly direction. This figure shows that the temperature gradients at distances up to 5 m from the walls were 0.1^{0} per metre and more, increasing

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considerably near the walls. To find the relationship between lateral refraction and its effect on measurement of horizontal angles with the intensity of solar radiation, the author calculated the latter for two cases with the same meteorological conditions (calm, sunny days) with the streets oriented in different ways. In each case the theodolite and the staff were placed at a distance of 0.70-0.75 m from a wall. In the first case the street ran in a North-easterly direction, and in the second case in a South-easterly direction. Fig 4 compares the experimental values of distortion of the measured horizontal angle with calculated intensities

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of direct solar radiation falling on a vertical surface. The curves show that variations in the horizontal angle during a day follow fairly well the curves of intensity of solar radiation received at a vertical wall. There are 4 figures, 1 table and 2 Soviet references.

ASSOCIATION: Dnepropetrovskiy institut inzhenerov zh.-d.transporta (Dnepropetrovsk Institute of Railway Transport Engineers)

SUBMITTED: January 28, 1958.

25568

Lednik Kashka-tash. Izvestiya Vsesoyuz. Geogr. O-va, 1949, VYP. 4 c. 429 - 30

SO: LETOPIS No. 34

ZYUZIN, A. S.

Zyuzin, A. S.

"The Effect of Lateral Refraction on the Presision of Measurement of Horizontal Angles under the Conditions of Building Sites." Min Higher Education USSR. Belorussian Polytechnic Inst imeni I. V. Stalin. Chair of Geodesy, Minsk, 1955. (Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis', No. 27, 2 July 1955

ZYUZIN, A.S., kandidat tekhnicheskikh nauk.

Lateral refraction in connection with angle measurements at traversing stations in cities. Geod.i kart. no.6:18-26 Ag '56. (MLRA 9:11)

(Refraction, Terrestrial)
(Traverses (Surveying))

ZYUZIN, A.V., podpolkovnik, voyennyy letchik pervogo klassa

At the head of the flight even in combat. Vest.Vozd.Fl. no.8:29-32 Ag '60. (MLiA 13:9)

(Air warfare)

Zyuzin, Dmitriy Vasil'yevich

Ispytaniye skorost'yu (An experiment in speed) Moskva, "Molodaya Gvardiya", 1958.

157 p. illus.

Bibliographical footnotes.

Zyuzin, Dmitriy Vasil'yevich

V nebe "TU-104" [In the sky, the "TU-104", by] D. Zyuzin i A. Markusha. Moskva, Izd-vo "Molodaya Gvardiya", 1957.

60 p. illus., diagrs., maps, tables.

Bibliographical footnotes.

ZYUZIN, Dmitriy Vasil'yevich, letchik-ispytatel', Geroy Sovetskogo Soyuza; PEREPELITSKAYA, A.G., red.

[Along the trail of clouds] Po oblachnomu sledu. Moskva, Sovetskaia Rossiia, 1965. 276 p. (MIRA 18:6)

AUTHOR: Mal'ginov, N. 85-58-6-11/43

TITLE: Valuable Handbook (Tsennoye posobiye)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 6, p 5 (USSR)

ABSTRACT: The author reviews three new books. The first, by N. K. Pyneyev entitled "Action of a Plane's Crew" When Compelled to Land in an Uninhabited Area" (Deystviya ekipazha samoleta vynuzhdenno-popavshego v bezlyudnuyu mestnost'), is published by Voyenizdat, 1957. The second, a pamphlet by D. Zyuzin and A. Markusha, entitled "Tu-104 in the Air" (V nebe Tu-104), published by Molodaya Gvardiya (Young Guard) Moscow, 1957, reviews briefly the development of Soviet aviation; the third new book by M. V. Vodop'yanov, well known polar pilot, is entitled "In the Air and on the Ground" (V vozdukhe i na zemle), Khabarovsk, 1957.

1. Civil aviation--USSR 2. Books--Review

Card 1/1

Call Nr: Not given

AUTHOR: Zyuzin, Dmitriy Vasil'yevich and Markusha, Anatoliy Markovich

TITLE: The TU-104 in the Sky (V nebe TU-104)

PUB. DATA: Izdatel'stvo Tsentral'nogo komiteta Vsesoyuznogo Leninskogo kommunisticheskogo soyuza molodezhi "Molodaya gvardiya, "Moscow, 1957, 62 pp., 100,000 copies

ORIG. AGENCY: None given

EDITOR: Fedchenko, V.; Tech. Ed.: Shuvalov. I.

PURPOSE: Publicity.

COVERAGE: The author states that the TU-104 is the first multi-passenger, high-speed airplane to have opened a new era in air transportation the era of jet aviation. This booklet describes how this airplane was designed, built and tested and how a Soviet design group works in creating new aircraft prototypes.

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Call Nr: Not given

The TU-104 in the Sky (cont.)

TABLE OF CONTENTS

AVAILABLE: Library of Congress

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YUR'YEV, M.; ZYUZIN, F.

Metal for our homeland. Sov.profsoiuzy 6 no.18:20-22 D '58.
(MIRA 12:2)

1. Direktor Gor'kovskogo metallurgicheskogo zavoda (for Yur'yev).
2. Predsedatel' zavkoma Gor'kovskogo metallurgicheskogo zavoda (for Zyuzin).

(Gorkiy--Metalworkers)

ZYUZIN, F. S.

Tractors

Spark extinguisher for tractors working the fhe fields extracting cut peat.
Torf. prom. 29, No. 6, 1952

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

ZYUZIN, F.S.

Consumption of metal in repairing peat machinery. Torf.prom. 30 no.9:15 S '53. (MLRA 6:8)

1. Orekhovo-Zuyevskiy torfotrest. (Machinery--Repairing)

F. S. Zyuzin and A. R. Matrosovich, Ratsionalizatory modernizuyut Orekhovskoye torfotresta (Rationalizers of the Orekhov Peat Trust Enterprises), Gosenergoizdat.

The brochure describes the work experience of stakhanovites and rationalizers of peat enterprises. A description of the machines and devices suggested by rationalizers of these enterprises is included.

The brochure is intended for workers of the peat industry.

SO: Sovetskiye knigi (Soviet Books), No. 183, 1953, Moscow, (U-6472)

ZYUZIN, F.S.; POLIKARPOV, A.A.; VARENTSOV, V.S., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor

[Innovators in peat interprises of the Orekhovo-Zuyevo peat trust] Novatory torfopredpriiatii Orekhovo-Zuevskogo torfotresta. Moskva, Gos. energ. izd-vo, 1956. 31 p. (MIRA 10:2)
(Orekhovo-Zuyevo--Peat industry)

ZYUZIN, Fedor Stepanovich; YARTSEV, Aleksandr Konstantinovich; VARENTSOV, V.S., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[Repair of peat cutting machines] Remont mashin frezernogo sposoba dobychi torfa. Moskva, Gos.energ.izd-vo, 1957. 239 p. (MLRA 10:10)
(Peat machinery--Maintenance and repair)

ZYUZIN, F.S., inzh.

Manufacture of peat-mineral-ammonia fertilizers. Torf. prom. 40 no.4:16-20 '63. (MIRA 16:10)

1. Orekhovo-Zuyevskiy torfokombinat Moskovskogo soveta narodnogo khozyaystva.
(Peat) (Fertilizers and manures)

ZYUZIN, Fedor Stepanovich; YARTSEV, Aleksandr Konstantinovich; SMIRNOV, V.V., red.; LARIONOV, G.Ye., tekhn. red.;

[Repairing peat machinery] Remont torfianykh mashin. Moskva, Gos.energ.izd-vo, 1961. 382 p. (MIRA 15:2)
(Peat machinery—Maintenance and repair)

ZYUZIN, F.S., inzh.; SAVENKO, I.V., inzh.

Industrial production of peat fertilizers and manures at the peat works of the Moscow Province Economic Council. Torf. prom. 36 no.6:4-8 '59. (MIRA 13:2)

1. Orekhovskiy torfotrest (for Zyuzin). 2. Mosoblsovnarkhoz (for Savenko).
(Moscow Province--Peat)
(Moscow Province--Fertilizers and manures)

POLIKARPOV, A.A., insh.; ZYUZIN, F.S., insh.

Operation of UMPF-4 peat-winning machines fitted with milling drums.
Torf.prom. 35 no.2:16-17 '58. (MIRA 11:5)

1. Orekhovo-Zuyevskiy torfotrest.
(Peat machinery)

ZYUZIN, Grigoriy Vasil'yevich; NOZDRIN, Ivan Tikhonovich; MAKAROVA, E.A., red.; ANDREYEVA, L.S., tekhn. red.

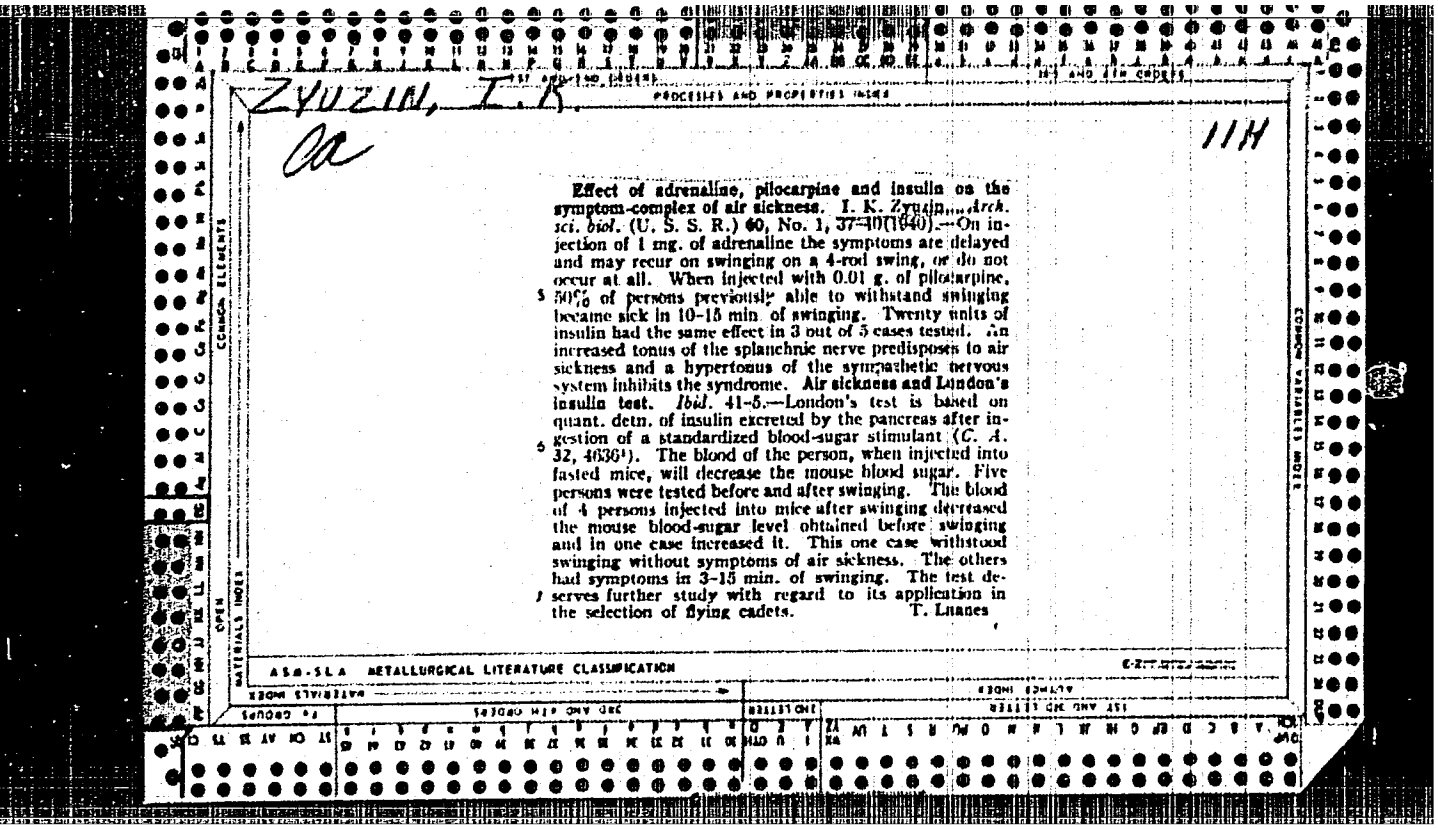
[Wages in the construction industry]Oplata truda v stroitel'stve. Moskva, Profizdat, 1962. 175 p. (MIRA 16:4)
(Wages--Construction workers)

NESTEROVICH, V.P.; NOSENKO, Yu.I.; ZYUZIN, I.I., inzh., retsenzent;
ARSHINOV, I.M., inzh., red.; VOROB'YEVA, L.V., tekhn.red.

[Repair of six-axle gondola cars] Remont shestiosnykh poluvagonov; opyt vagonnogo depo st. Volnovakha Donetskoi dorogi. Moskva, Transzheldorizdat, 1963. 82 p.
(MIRA 17:2)

ZYUZIN, Ivan Ivanovich; VAKULENKO, Sergey Mikhaylovich; SARANTSEV, Yu.S., red.

[Organization and technology of the repair of freight cars; work practices of the Taiga Station depot of the Western Siberia Railroad] Organizatsiia i tekhnologiia remonta gruzovykh vagonov; opyt raboty vagonnogo depo st. Taiga Zapadno-Sibirskoi dorogi. Moskva, Transport, 1964. 74 p. (MIRA 17:9)



ZYUZIN, I. K.

11H

Effect of adrenaline, pilocarpine and insulin on the symptom-complex of air sickness. I. K. Zyuzin. *Arch. sci. biol.* (U. S. S. R.) **60**, No. 1, 37–30(1940).—On injection of 1 mg. of adrenaline the symptoms are delayed and may recur on swinging on a 4-rod swing, or do not occur at all. When injected with 0.01 g. of pilocarpine, 50% of persons previously able to withstand swinging became sick in 10–15 min. of swinging. Twenty units of insulin had the same effect in 3 out of 5 cases tested. An increased tonus of the splanchnic nerve predisposes to air sickness and a hypertonus of the sympathetic nervous system inhibits the syndrome. **Air sickness and London's insulin test.** *Ibid.* 41–5.—London's test is based on quant. detn. of insulin excreted by the pancreas after ingestion of a standardized blood-sugar stimulant (*C. A.* 32, 4636[1]). The blood of the person, when injected into fasted mice, will decrease the mouse blood sugar. Five persons were tested before and after swinging. The blood of 4 persons injected into mice after swinging decreased the mouse blood-sugar level obtained before swinging and in one case increased it. This one case withstood swinging without symptoms of air sickness. The others had symptoms in 3–15 min. of swinging. The test deserves further study with regard to its application in the selection of flying cadets. T. Lianes

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

ZYUZIN, I.K., professor, doktor meditsinskikh nauk.

Restoration of visual illusory perception in craniocerebral trauma under the effect of certain drugs. Trudy Gos.inst.po izuch.mozga 15:158-162 '47. (MLRA 7:2)

1. Iz Gos.Instituta Mozga im. Bekhtereva (direktor deystvitel'nyy chlen Akademii meditsinskikh nauk, zasluzhennyy deyatel' nauki professor V.P.Osipov) i Psikhonevrologicheskogo Instituta im. Bekhtereva (direktor professor V.N.Myasishchev).
(Drugs) (Brain--Wounds and injuries) (Senses and sensation)

ZYUZIN, I. K.

Zyuzin, I. K. - "V. M. Bekhterev and modern times," Vrachebnoe delo, 1949, No. 2, columns 169-74, with portrait

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

Zyuzin, I. K.

36957. Travma golovnogo mozga i antitoksicheskaya bar'yernaya funktsiya pecheni. Nevropatologiya i psikhiatriya, 1949, No. 6, c. 8-11

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

ZIUZIN, I. K.

V. M. Bekhterev as a pioneer of contemporary teaching on the relation of the cerebral cortex and internal organs. Nevropat. psikhiat., Moskva 19:3, May-June 50. p. 3-8

CLML 19, 5, Nov., 1950

ZYUZIN, I.K.

Effect of constant descending current on blood pressure in hypertension. Nevropat. psikhiat., Moskva 20 no.6:54-56 Nov-Dec 51. (CIML 21:4)

1. Professor. 2. Of the Academy of Medical Sciences USSR and of the Clinic for Nervous Diseases (Director--Prof. I.Ya. Rasdol'skiy, Corresponding Member of the Academy of Medical Sciences USSR), Leningrad Sanitary-Hygienic Medical Institute.

ZYUZIN, I. K. (PROF)

Nervous System - Wounds and Injuries

Restoration of disturbed motor functions in organic injuries of the central nervous system in the light of Pavlov's theory of the higher nervous activity. Zhur. nevr. i psikh. 52 No. 8, 1952.

Monthly List of Russian Accessions. Library of Congress. November 1952 Uncl.

ZYUZIN, I. K., PROF.

Leningrad

Iz Akademii meditsinskikh nauk SSSR i kliniki nervnykh boleznei (dir. - Prof. I. YA. Razdol'skii) Leningradskogo sanitarno-gigienicheskogo meditsinskogo instituta

Zhur.nevr. i psikh., 52, 8, avgust, 1952

ZYUZIN, I.K.

Antitoxic function of the liver in hypertension. Klin. med., Moskva 31 no. 1:89 Jan 1953. (CLML 24:1)

1. Professor. 2. Of the Clinic for Nervous Diseases (Director — Corresponding Member of the Academy of Medical Sciences Prof. I. Ya. Razdol'skiy), Leningrad Sanitary Hygienic Medical Institute.

ZYUZIN, I.K.

Functional lability (mobility) of the motor analyser in epilepsy.
Zhur. nevr. i psikh. 54 no.7:543-548 Jl '54. (MLRA 7:7)

1. Institut psikhiatrii Ministerstva zdravookhraneniya SSSR.
(EPILEPSY, physiology,
*motor analyser, lability)

ZYUZIN, I.K.

ZYUZIN, I.K., professor (Moskva)

Using radioactive isotopes in neuropsychiatric practice. Klin. med. 33 no.6:44-48 Je '55. (MLRA 8:12)

1. Iz Instituta psikhiatrii Ministerstva zdravookhraneniya SSSR.

(ISOTOPES, ther. use
neuropsychiatric dis.)
(CENTRAL NERVOUS SYSTEM, dis.
ther. isotopes)
(MENTAL DISORDERS, ther.
isotopes)

ZYUZIN, I.K.

Effect of radioactive isotopes on electrical activity of the brain in epilepsy. Zhur.nevr.i psikh. 55 no.3:205-209 '55. (MLRA 8:7)

1. Nevrologicheskoye otdeleniye (zav. prof. I.K.Zyuzin) Instituta psikhiatrii Ministerstva zdravookhraneniya SSSR (dir. dotsent D.D. Fedotov).

(ISOTOPES, effects,
on EEG in epilepsy)
(ELECTROENCEPHALOGRAPHY,
eff. of radioactive isotopes in epilepsy)
(EPILEPSY, physiology,
eff. of radioactive isotopes on EEG)

ZYUZIN, I.K.; ZAICHKINA, T.S. (Moskva)

Effect of radioactive isotopes on artificially induced convulsions in animals. Zhur.nevr.i psikh. 55 no.5:343-344 '55. (MLRA 8:7)

1. Institut psikhiatrii (dir. -dotsent D.D.Fedotov) Ministerstva zdravookhraneniya SSSR.

(CONVULSIONS, experimental,
eff. of radioisotopes)
(ISOTOPES, effects,
on exper. convulsions)

T-10

USSR/Human and Animal Physiology - Nervous System.
Cortex of Cerebral Hemispheres.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32171

Author : Zyuzin, I.K.
Inst : -
Title : On the Lability of the Peripheral End of the Motor Analysor as an Indicator of the Functional Changes of Brain Hemispheres.

Orig Pub : V sb.: Ucheniye N.Ye. Vvedenskogo v klinich. proktike. Odessa, 1957, 31-34.

Abstract : No abstract.

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USSR/Human and Animal Physiology, The Nervous System T-12

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65713

Author : Zyuzin I.K., Drasnova A.I.
Inst : -
Title : Changes in Metabolic-Enzymatic Processes in the Blood of Patients with Epilepsy under the Effect of Small Doses of Radioactive Phosphorus.

Orig Pub : B. sb.L Vopr. psikhiatrii, Vyp. 2, Moscow, 1957, 146-148

Abstract : No abstract

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ZYUZIN, I.K.

Use of radioactive isotopes in the diagnosis of organic affections of the brain [with summary in French]. Zhur.nevr. i psikh. 57 no.2: 241-245 '57. (MLRA 10:6)

1. Nevrologicheskoye otdeleniye (zav. - prof. I.K.Zyuzin) Instituta psikhiatrii Ministerstva zdravookhraneniya SSSR, Moskva.
(BRAIN, wounds and inj.
localization of obscure lesions by isotopes)
(ISOTOPES
use in localization of obscure lesions of brain)

ZYUZIN, I.K., prof., KRASNOVA, A.I., mladshiy nauchnyy sotrudnik

Effect of small doses of radioactive phosphorus on nitrogen metabolism, hemopoiesis, and the function of the cardiovascular system. Vest.rent. i rad. 33 no.3:75-76 My-Je '58 (MIRA 11:8)

(PHOSPHORUS, radioactive
eff. on nitrogen metab., hemopoietic system., & cardiovasc. funct. (Rus))
(NITROGEN, metab.
eff. of radiophosphorus (Rus))
(HEMOPOIETIC SYSTEM, eff. of radiations on radiophosphorus (Rus))
(CARDIOVASCULAR SYSTEM., eff. of radiations on radiophosphorus, on funct. (Rus))

ZYUZIN, I.K.; STOLBOV, D.D.

Investigation of thyroid gland function in metal patients by means of radioactive iodine. Vop. psikh. no. 3:374-381 '59. (MIRA 13:10)

(THYROID GLAND) (IODINE—ISOTOPES) (METAL ILLNESS)

ZYUZIN, I.K.

Significance of some trace elements in the development of radiation pathology. Radiobiologiia 3 no.3:364-368 '63. (MIRA 17:2)

L 11239-63 EWT(1)/EWT(m)/BDS--AFFTC/AMD/ASD--AR/K
ACCESSION NR: AP3001061 S/0205/63/003/003/0364/0368

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AUTHOR: Zyuzin, I. K.

TITLE: The significance of certain microelements in the development of radiation pathology 19

SOURCE: Radiobiologiya, v. 3, no. 3, 1963, 364-368

TOPIC TAGS: microelements, cobalt, copper, free radicals, radiation pathology

ABSTRACT: The article discusses the role of microelements in physiological and pathological processes of an organism based on twenty-nine different books and articles listed in the bibliography. The author shows the importance of microelements and then raises the question of what happens to them, particularly cobalt and copper, when an organism is irradiated. The liver is the main tissue in the organism for storing cobalt and copper, and their content decreases with radiation damage. Cobalt and copper enter the blood stream and are absorbed by the other tissues. According to several sources cited, the natural antioxidizing agents are inactivated during irradiation and this leads to acceleration of oxidizing processes and accumulation of free radicals and peroxides. The author concludes that the increased content of cobalt and copper in the blood and tissues (except the liver) of

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ACCESSION NR: AP3001061

irradiated animals, which induces development of hypoxia and lowers activity of the tissues, may be considered as a protective reaction increasing the radioresistance of the organism. On the other hand, concentrations of cobalt and copper in the blood and tissues can also have a negative effect aggravating the development and course of radiation pathology. Orig. art. has: 3 figures.

ASSOCIATION: None

SUBMITTED: 12Aug62	DATE ACQD: 01Jul63	ENCL: 00	
SUB CODE: 00	NO REF SOV: 029	OTHER: 000	

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Card 2/2

ZYUZIN, I.M.; KOMAROV, P.S.

Important resources for increasing crop yields. Zashch. rast. ot vred. i bol. 6 no.10:8-9 O '61. (MIRA 16:6)

1. Pervyy sekretar' Kalacheyevskogo rayonnogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza (for Zyuzin).
2. Agronom po zashchite rasteniy sel'skogo khozyaystva Kalacheyevskogo rayona, Voronezhskoy oblasti (for Komarov).
(Kalach District(Voronezh Province)--Plants, Protection of)

ZYUZIN, N.I.

Transition of metamict zircons to crystalline. Dokl. AN SSSR 154 no.5:1094-1095 F'64. (MIRA 17:2)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom V.S. Sobolevym.

PLEKHANOVA, Ye.A.; GOLUBOVA, G.A.; ZYUZIN, N.I.

Mullite - iron oxide solid solution. Izv. SO AN SSSR no.3 Ser. khim. nauk no.1:48-54 '65. (MIRA 18:8)

1. Institut fiziko-khimicheskikh osnov pererabotki mineral'nogo syr'ya Sibirskogo otdeleniya AN SSSR, Novosibirsk.

ZOLOTUKHIN, V.V.; VASIL'YEV, Yu.R.; ZYUZIN, N.I.

High-ferriferous variety of prehnite and a new diagram for prehnites. Dokl. AN SSSR, 164 no.6:1390-1393 O '65. (MIRA 18:10)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
Submitted May 25, 1965.

ZOLOTUKHIN, V.V.; VASIL'YEV, Yu.R.; ZYUZIN, N.I.

High-ferruginous pumpellyite (lotrite) from the Noril'sk region and a new diagram for pumpellyites. Dokl. AN SSSR 165 no.5:1156-1159 D '65. (MIRA 19:1)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR. Submitted March 6, 1965.

24 (8)

AUTHORS: Zhuravlev, N. N., Stepanova, A. A., Zyuzin, N. I.

SOV/56-37-3-55/62

TITLE: On the Problem of the Superconductivity of the Compound BiPt

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 37, Nr 3(9), pp 880 - 881 (USSR)

ABSTRACT: The critical temperatures for BiPt found by various authors partly differ considerably. Whereas, e.g., according to Matthias, T_c = 1.21 °K, N. Ye. Alekseyevskiy et al. found 2.4 °K, but he also showed that in some BiPt-alloys superconductivity does not occur down to 1.3 °K (Refs 2,3). As shown by reference 4, BiPt crystallizes only in one form viz. hexagonally with the parameters a = 4.20 and c = 5.55 Å (NiAs-structure). Radiographical investigations carried out by the authors of this "Letter to the Editor" gave the same result. Temperature investigations also showed that it crystallizes in NiAs-structure, and the thermal expansion coefficients (parallel and perpendicular to the hexagonal axis) were determined as amounting to $(4.0 \pm 1.0).10^{-6}$ degree^{-1} and $(19.0 \pm 2.0).10^{-6}$ degree^{-1}.

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On the Problem of the Superconductivity of the Compound BiPt

SOV/56-37-3-55/62

The authors investigated several BiPt-alloys of different composition also stoichiometrical ones, and subjected them to different types of thermal treatment. It was, however, found again that in all cases the BiPt-phase in an AsNi-structure crystallizes, and the lattice parameters were determined as amounting to a = 4.315 and c = 5.490 ± 0.005 Å. The alloys were investigated radiographically by means of the powder method, and the maximum change of the volume of an elementary cell was found to amount to ~ 0.8% as against the stoichiometric composition (48.3% by weight Pt). This reduction of the elementary cell was found at 45% by weight Pt. The change of the size of the elementary cell and the herewith connected variation of the distance between two Bi-atoms might be responsible for the variation of T_c; already in a previous paper (Ref 7) it was shown that a decrease of the minimum interatomic Bi-Bi distances leads to an increase of T_c. The authors thank Professor G. S. Zhdanov and N. Ye. Alekseyevskiy for discussions. There are 7 references, 5 of which are Soviet.

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On the Problem of the Superconductivity of the Compound BiPt SOV/56-37-3-55/62

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: June 13, 1959

Card 3/3

ZYUZIN, N.M.

TRANS I BOOK EXPLOITATION BTF/3660

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Tsentral'noye pravleniye. Sektsiya remonta i modernizatsii oborudovaniya

Modernizatsiya i remont oborudovaniya mashinostroitel'nykh zavodov (Modernization and Repair of Machine-Building Plant Equipment) Moscow, Mashgiz, 1959. 261 p. Errata slip inserted. 6,100 copies printed.

Ed. (Title page): N.A. Noskin, Candidate of Technical Sciences; Ed. (Inside book): A.T. Popov, Engineer; Tech. Ed.: V.D. Il'kind; Managing Ed. for Literature on Metalworking and Machine-Tool Construction (Mashgiz): N.D. Beyzel'man, Engineer; Editorial Board: N.A. Noskin (Chairman), Candidate of Technical Sciences; Yu.B. Borisov, Engineer; V.D. Platnev, Engineer; V.I. Mikhaylovskiy, Engineer; and V.P. Golov, Engineer.

PURPOSE: This collection of articles is intended for technical personnel dealing with modernization and overhaul of equipment.

COVERAGE: The articles in this collection deal with the basic trends and a number of specific problems in the modernization of the machine industry. Modernization of foundry, forging-shop, and crane equipment and problems in the organization of equipment repair are discussed. Information is given on the use of unitized

AVAILABLE: Library of Congress

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VK/mas
7-8-60

AIDRONIKOV, Nikolay Grigor'yevich, kand.voyennykh nauk, dots., polkovnik; BELISHEV, Aleksandr Semenovich, kand.voyennykh nauk, dots., polkovnik; KALACHEV, Ivan Georgiyevich, kand.voyennykh nauk, dots., polkovnik; KRASNOV, Izrail' Isayevich, kand.voyennykh nauk, dots., polkovnik; TEREKHOV, Petr Vasil'yevich, kand.voyennykh nauk, dots., polkovnik; ZYUZIN, N.M., polkovnik, red.; SOROKIN, V.V., tekhn. red.

[Armored and mechanized forces of the Soviet Army; a brief account of their development and battle experiences] Bronetankovye i mekhanizirovannye voiska Sovetskoi Armii; kratkii ocherk razvitiia i boevogo puti. Moskva, Voen. izd-vo M-va obor. SSSR, 1958. 263 p. (MIRA 11:5)
(Russia--Army)

ZYUZIN, N.T., KOLYCHEV, N.N., SOLUKHA, A.K.

E.B. Rabkin's pigment tables for investigating acquired disorders in color sensation. Probl.fiziol.opt. 12:497-499 '58 (MIRA 11:6)

1. Kafedra oftalmologii Voyenno-meditsinskoy akademii ordena Lenina im. S.M. Kirova.
(COLOR BLINDNESS)
(OPTICS--TABLES, ETC.)

ZYUZIN, P.

Hidden potentialities for railwaymen are not yet exhausted. Sots. trud 7 no.11:123-124 N '62. (MIRA 15:12)
(Moscow--Railroads--Salaries, pensions, etc.)

ZYUZIN, P.I., inzhener.

Vertical hodograph for a two-layer medium. Trudy Akad.neft.prom. no.1:152-165 '54. (MIRA 8:2)
(Hodograph)(Prospecting--Geophysical methods)

BAKHVALOV, I., direktor; STEPANOV, V., zaveduyushchiy partkabinetom; ZYUZIN, S., frezerovshchik-rastochnik; KSENOKRATOV, V., inzhener; KOZHEVNIKOVA, M., nachal'nik tokarno-otdelochnogo otdeleniya, laureat Stalinskoy premii; UL'YANOV, M., predsedatel' tsekhkoma sborochnogo tsekha; NAUMOV, A., brigadir komsomol'sko-molodezhnoy brigady; DUDKIN, I., dotsent, direktor; ZHUKOV, P., tokar'.

[In a progressive plant; accounts of workers and technical engineering workers of the Moscow Order of the Red Banner of Labor Second State Bearing Plant] Na peredovom zavode; rasskazy rabochikh i inzhenerno-tekhnicheskikh rabotnikov Moskovskogo ordena Trudovogo Krasnogo Znameni 2-go Gosudarstvennogo podshipnikovogo zavoda. [Moskva] Profizdat, 1952. 94 p. (MLRA 6:5)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni vtoroy Gosudarstvennyy podshipnikovyy zavod. 2. Vecherniy mashinostroitel'nyy institut (for Dudkin). (Efficiency, Industrial)

ANTONOV, V.Ya., dotsent, kand.tekhn.nauk; BELOVIDOV, I.D., dotsent, kand. tekhn.nauk; BELOKOPYTOV, I.Ye., dotsent, kand.sel'skokhoz.nauk; GORYACHKIN, V.G., prof., doktor.tekhn.nauk; ZYUZIN, V.A., starshiy prepodavatel'; SEMENSKIY, Ye.P., dotsent, kand.tekhn.nauk; CHULYUKOV, M.A., dotsent, kand.tekhn.nauk; VARENTSOV, V.S., dotsent, kand. tekhn.nauk, red.; BORUNOV, N.I., tekhn.red.

[General course in the technology of peat winning] Obshchii kurs tekhnologii torfodobyvaniia. Moskva, Gos.energ.izd-vo, 1959. 339 p. (MIRA 13:2)

1. Chlen-korrespondent AN BSSR (for Goryachkin).
(Peat industry)

ABKHAZI, V.I.; ANTONOV, V.Ya.; BELOKOPYTOV, I.Ye.; VARENTSOV, V.S.; GORYACHKIN, V.G.; ZYUZIN, V.A.; KRYUKOV, M.N.; KUZHMAN, G.I.; OZEROV, B.N.; RIVKINA, Kh.I.; SEMENSKIY, Ye.P.; SOKOLOV, A.A.; SOLOPOV, S.G.; STRELKOV, S.S.; TYUREMNOV, S.N.; CHULYUKOV, M.A.

Sergei Akekseevich Sidiakin. Torf.prom. 38 no.2:40 '61. (MIRA 14:3)
(Sidiakin, Sergei Alekseevich, 1897-1960)

ABKHAZI, V.I.; ANTONOV, V.Ya.; BLYUMENBERG, V.V.; VARENTSOV, V.S.; VELLER, M.A.; ZYUZIN, V.A.; IVANOV, V.N.; KUZHMAN, G.I.; LUKIN, A.V.; MATVEYEV, A.M.; OZEROV, B.N.; PAL'TSEV, A.G.; PEROV, N.P.; PROKHOROV, N.I.; RAKOVSKIY, V.Ye.; SEMENSKIY, Ye.P.; SOLOPOV, S.G.; TYUREMNOV, S.N.; TSUPROV, S.A.; CHULYUKOV, M.A.

Viktor Georgievich Goriachkin; obituary. Torf.prom. 39 no.4:40 '62. (MIRA 15:7)

(Goriachkin, Viktor Georgievich, 1893-1962)

ZYUZIN, Vladimir Aleksandrovich.

The working of peat deposits for fuel; textbook. Moskva Gos. energ. izd-vo, 1947. 343 p. (48-26894)

TN837.Z58 1947

GHTEYNBERG, S. S. ; ZYUZIN, V. I.

Transformation of Austenite in High-Speed Steel; Ural Metallurgy No. 1, 32, 1934. Arch. f. d. Eisenhuttemmes. 9, 537, 1934

[illegible], S. S.; Gruzin, V. I.

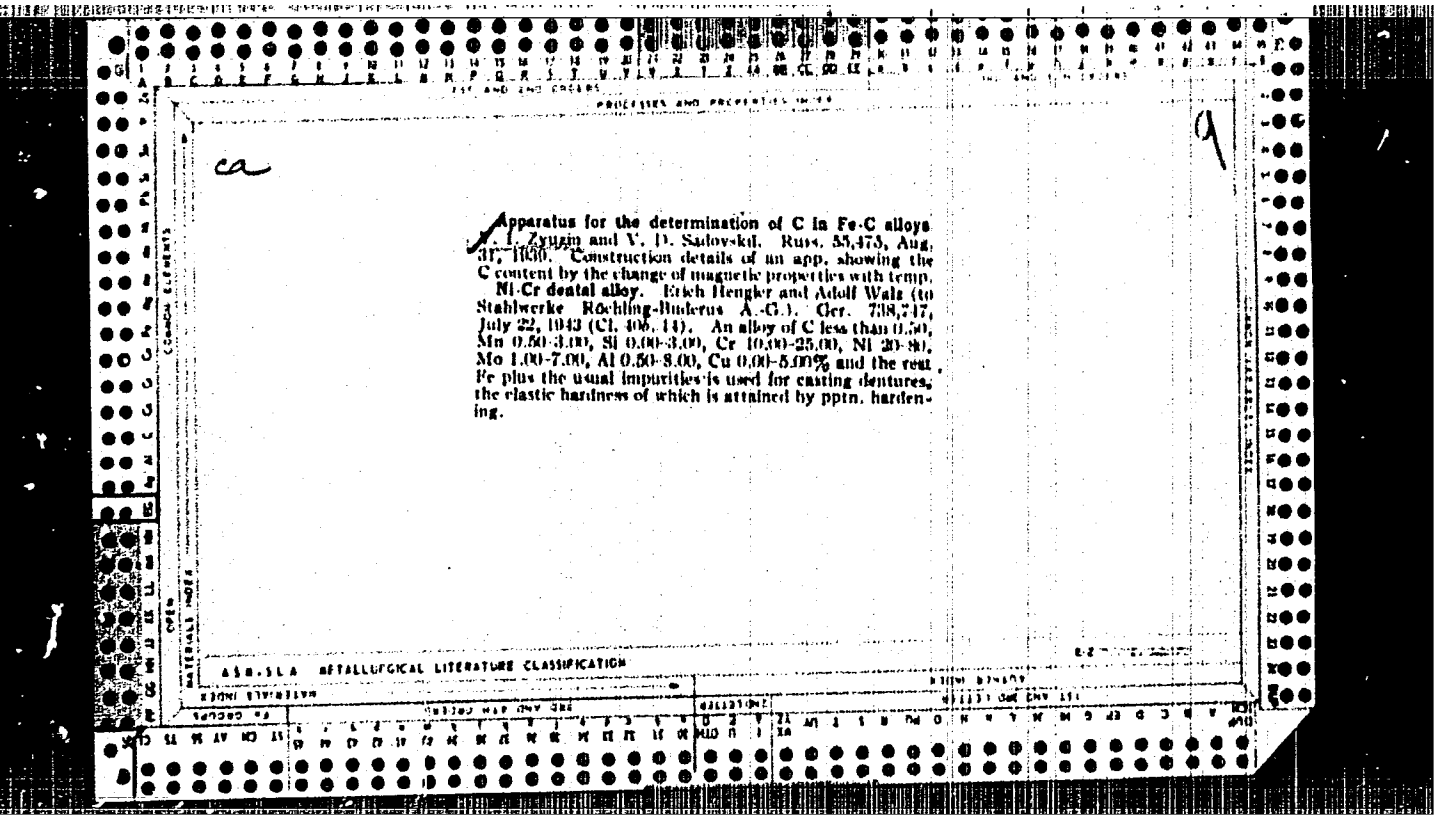
Study of the Transformation of Austenite in Carbon and Certain other Special Steels at Low Temperatures

Metallurgist 8, 3, 1936

[illegible], S.; ZYUZIN, V.; GOL'DIN, I.

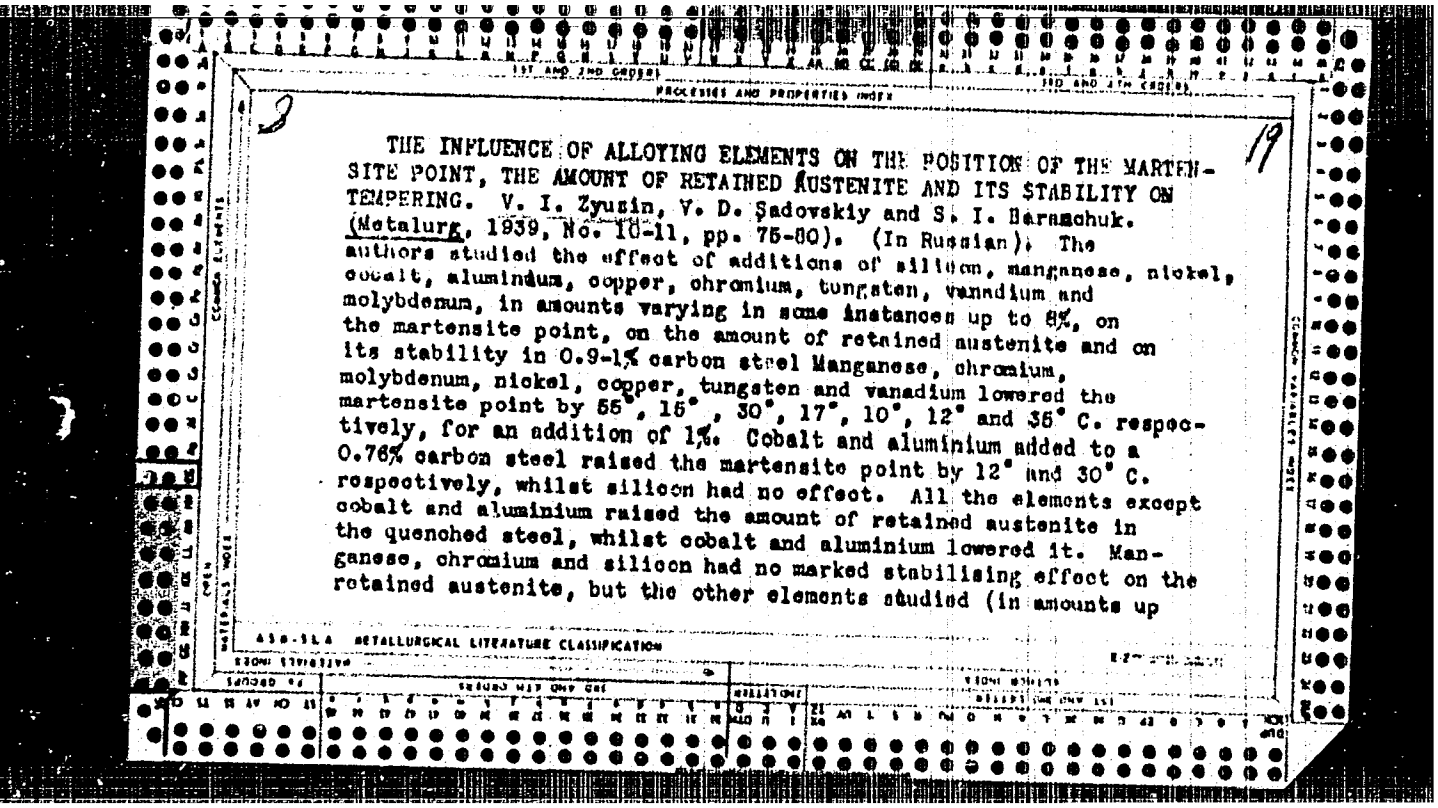
Research on the Transformation of Austenite in Chromo-Silicon Steel

Rev. de Metallurgie No.2, 190, 1937



Apparatus for the determination of C in Fe-C alloys. A. I. Zyugin and V. D. Sadovskii. Russ. 55,475, Aug. 31, 1939. Construction details of an app. showing the C content by the change of magnetic properties with temp.

Ni-Cr dental alloy. Erich Hengler and Adolf Walz (to Stahlwerke Röchling-Buderus A.-G.). Ger. 738,747, July 22, 1943 (Cl. 40b, 14). An alloy of C less than 0.50, Mn 0.50-3.00, Si 0.00-3.00, Cr 10.00-25.00, Ni 20-80, Mo 1.00-7.00, Al 0.50-8.00, Cu 0.00-5.00% and the rest Fe plus the usual impurities is used for casting dentures, the elastic hardness of which is attained by pptn. hardening.



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THE INFLUENCE OF ALLOYING ELEMENTS ON THE POSITION OF THE MARTENSITE POINT, THE AMOUNT OF RETAINED AUSTENITE AND ITS STABILITY ON TEMPERING. V. I. Zyusin, V. D. Sadovskiy and S. I. Baramchuk. (Metalurg, 1939, No. 10-11, pp. 75-80). (In Russian). The authors studied the effect of additions of silicon, manganese, nickel, cobalt, aluminium, copper, chromium, tungsten, vanadium and molybdenum, in amounts varying in some instances up to 8%, on the martensite point, on the amount of retained austenite and on its stability in 0.9-1% carbon steel Manganese, chromium, molybdenum, nickel, copper, tungsten and vanadium lowered the martensite point by 55°, 15°, 30°, 17°, 10°, 12° and 35° C. respectively, for an addition of 1%. Cobalt and aluminium added to a 0.76% carbon steel raised the martensite point by 12° and 30° C. respectively, whilst silicon had no effect. All the elements except cobalt and aluminium raised the amount of retained austenite in the quenched steel, whilst cobalt and aluminium lowered it. Manganese, chromium and silicon had no marked stabilising effect on the retained austenite, but the other elements studied (in amounts up

to 3%) had only a slight stabilising effect. The carbide-forming elements (chromium, molybdenum, tungsten and vanadium), which produce an intermediate stability zone at 400-600° C. in the isothermal transformation of primary austenite, give in a similar manner the same stability zone in the transformation of retained austenite.

ZYUZIN, V. I.; SADOVSKIY, V.D.; PARANCHUK, S.I.

The Effect of Alloying Elements on the Position of the Martensitic Point, the Quantity of Residual Austenite and its Stability during Tempering.

Trudy UFAN 10, 119, 1941

[redacted], N.P.

The Effect of the Combination of Alloying Elements on the Kinetics of Isothermic Transformation of Austenite and the Critical Point of Hardening

Trudy IMM UFAN 5, 32, 1945.

BELOV, S.V.; ZYUZIN, V.I.

In. V.M. Bekhterev's Museum; on the 35th anniversary of V.M.Bekhterev's death. Zhur.nevr. i psikh. 62 no.12: 1879-1881 '62 (MIRA 16:11)

*

ZYUZIN, Vladimir Ivanovich; VAGIN, A.A., red.izd-va; MIKHAYLOVA, V.V., tekhn. red.

[Mechanical and hoisting-conveying equipment of blast furnaces] Mekhanicheskoe i pod"emno-transportnoe oborudovanie domennykh tsekhov. Moskva, Metallurgizdat, 1962. 419 p. (MIRA 16:3)
(Blast furnaces--Equipment and supplies)

ZYUZIN, V.I., prof.

Development of medical science in the field of tuberculosis in the Republic. Zdrav. Kazakh. 21 no.10:6-8 '61. (MIRA 15:2)

1. Presedatel' problemnoy komissii Uchenogo soveta Ministerstva zdravookhraneniya Kazakhskoy SSR.
(KAZAKHSTAN--TUBERCULOSIS)

NIKBERG, Il'ya Moiseyevich; RAYKO, Vladimir Vladimirovich [deceased]; ZYUZIN, Vladimir Ivanovich; GOLYATKINA, A.G., red. izd-va; ISIENT'YEVA, P.G., tekhn. red.

[Design and operation of rolling mills] Ustroistvo i ekspluatatsiia prokatnykh stanov. Pod obshchei red. V.I.Ziuzina. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 267 p. (MIRA 14:12)

(Rolling mills)

PHASE I BOOK EXPLOITATION SOV/4970

Zyuzin, Vladimir Ivanovich

Mekhanicheskoye oborudovaniye metallurgicheskikh tsekhov; posobiye dlya konstruktorov i mekhanikov (Mechanical Equipment of Metallurgical Shops; Manual for Designers and Machinists) Moscow, Metallurgizdat, 1960. 334 p. Errata slip inserted. 7,500 copies printed.

Eds.: A.I. Gurvits, and N.A. Valov; Ed. of Publishing House: A.A. Vagin; Tech. Eds.: M.K. Attopovich, and V.V. Mikhaylova.

PURPOSE: This book is intended for designers of metallurgical equipment and for the machinists who operate such equipment. The book may also be useful to students in schools of higher education and tekhnikums who are taking the course "Mechanical Equipment of Metallurgical Shops".

COVERAGE: The book contains basic information on processes involved in the production of pig iron and steel, and in rolling, and pipe manufacture. Modern mechanical equipment used in metallurgical shops is described. Also discussed are principal trends in the introduction of modern technology in metallurgy and the

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anticipated development of the industry. The present state and characteristic features of the metallurgical industry and the mechanical equipment used in most of the developed countries are reviewed. No personalities are mentioned. There are 14 references, all Soviet.

TABLE OF CONTENTS:

ZYUZIN, Vladimir Ivanovich; GURVITS, A.I., red.; VALOV, N.A., red.; VAGIN, A.A., red.izd-va; ATTOPOVICH, M.K., tekhn.red.; MIKHAYLOVA, V.V., tekhn.red.

[Mechanical equipment of metallurgical plants; manual for construction engineers and mechanics] Mekhanicheskoe oborudovanie metallurgicheskikh tsekhov; posobie dlia konstruktorov i mekhanikov. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 334 p.

(MIRA 14:1)

(Metallurgical plants--Equipment and supplies)
(Rolling mills)

ZYUZIN, V.I.

Zyuzin, V.I. "The Fifth All-Union Congress of Phthisiologists", (Moscow, September 1948), Zdravookhraneniye Kazakhstana, 1948, No. 8, p. 41-43.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 9, 1949)

ZYUZIN, V. I.

25972. Zyuzin, V. I. K pred stoyashchey Respublikanskoy konferentsii po bor'be s tuber kulezom. Zdravookh-raneiiye Kazakhstana, 1949, no 4, s. 3-7

SO: Knizhnaya Letopis', Vol. 1, 1955

ZYUZIN, V.I., professor

Work of a professors' group in rendering medical help to rural public health in the Kazakh SSR. Sov. zdrav. 13 no.5:60 S-O '54. (KAZAKHSTAN PUBLIC HEALTH, RURAL) (MLRA 7:12)