PEVNIKOVA, L.A.; GUBIN, G.V.; POGORELOV, V.P.; KARMAZIN, V.I.

Calcining limestone in a "boiling" layer multiple-zone reaction vessel. Stroi. mat. 8 no.5:3-5 My '62. (MIRA 15:7)
(Limestone)

BUSHUYEV, V.P.; GUBIN, G.V.; GONCHARENKO, Yu.I.; KARMAZIN, V.I.; MARGULIS, V.S.; MITROV, V.A.; NIKOLAYENKO, N.O.; BOBRUSHKIN, L.G.; BUROV, A.I.; RYBAKOV, V.N.; SOSHIN, A.F.; TATSIYENKO, P.A.; TOVSTANOVSKIY, O.D.; YUROV, P.P.; Prinimali uchastiye: NIFAGINA, A.A.; CHERNYY, I.I.; GERSHOYG, Yu.G.; KOSTIKOV, A.G.; DOLGIKH, M.A.; MOVSKOVICH, S.A.; STUPIN, D.D.; NEVOYSA, G.G.

Magnetization roasting of Kerch ores in the experimental factory of Kamysh-Burun Combine. Gor. zhur. no.12:30-37 D '62. (MIRA 15:11)

1. Institut Mekhanobrchermet, Krivoy Rog (for Bushuyev, Gubin, Goncharenko, Karmazin, Margulis, Mitrov, Nikolayenko, Nifagina, Chernyy, Gershoyg, Kostikov). 2. Kamyshburunskiy zhelezorudnyy kombinat, Kerch' (for Bobrushkin, Burov, Rybakov, Soshin, Tatsiyenko, Tovstanovskiy, Yurov, Dolgikh, M.A.; Movskovich, S.A.; Stupin, D.D.; Nevoysa).
(Kerch Peninsula—Ore dressing)
(Iron ores)

KARMAZIN, V.I.; GUBIN, G.V.; KUCHER, A.M.

Testing four-zone furnaces with a fluidized bed for the magnetization roasting of iron ores. Stal' 23 no.6:494-496 Je '63. (MIRA 16:10)

1. Mekhanobrchermet.

GUBIN, G.V.; SAMOKHVALOVA, N.P.

Scientific Research Institute for the Mechanical Treatment of Ferrous Metals is an aid to production. Gor.zhur. no.2:72-73 F '64. (MIRA 17:4)

1. Institut Mekhanobrchermet.

SHINKORENKO, Stanislav Fedorovich; MARGULIS, Vladimir Solomonovich; NIKOLAYENKO, Viktor Pavlovich; KHARLAMOV, Vadim Sergeyevich; DROZHILOV, Lev Aleksandrovich; GUBIN, Georgiy Viktorovich; OSTAPENKO, Pavel Yefimovich; KARAMZIN, V.I., prof., doktor tekhn. nauk, retsenzent; RYKOV, N.A., otv. red.

[Handbook on the dressing and sintering of ferrous metal ores] Spravochnik po obogashcheniiu i aglomeratsii rud Chernykh metallov. [By] S.F.Shinkorenko i dr. Moskva, Nedra, 1964. 571 p. (MIRA 18:2)

KARAMZIN, V.I., prof.; DOVZHIK, N.S.; MALETSKIY, N.A.; GUBIN, G.V.; BUSHEV, V.P.

Using the Krupp-Renn process in processing Kerch Peninsula ores. Obog. rud 9 no.4:27-29 '64. (MIRA 18:5)

25371
S/079/61/031/008/009/009
D215/D304

5.3630

AUTHORS: Petrov, K.A., Nifant'ev E.Ye., Gol'tsova, R.G. and Gubin, G.V.

TITLE: Investigating the chemical properties of acid bis-esters of ethylene glycol and methylphosphine acid

PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 8, 1961, 2732-2735

TEXT: In previous publications, the authors have shown that acid bismethylphosphonites could be prepared by esterification of the monoethylester of methylphosphinic acid with glycols. In the present investigations they studied some reactions of the simplest of these compounds, obtained by esterification with ethylene glycol. The following reactions were studied. 1) Oxidation of bismethylphosphinite [Abstractor's note: Called subsequently "the starting product"] with nitrogen oxides to the corresponding ester of bismethylphosphonic acid, according to scheme (NI). The obtained product is highly hygroscopic and reacts as a dibasic acid. 2) The reaction of the starting product

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Investigating the chemical...

with sulfur; they did not succeed with the product itself, only with its sodium salt which was obtained from the product and sodium methoxide in dry methyl alcohol and could be isolated. (N2). 3) The reaction with dibutyldisulfide and methylthiocyanate (N3). 4) chlorination of the starting product which was successful with chlorine, but not with SO_2Cl_2; only a monochloride was obtained with chlorine which was oxidized to a corresponding phosphonic acid (N4). 5) Aminomethylation with tetraethyldiaminomethylene; with equimolar amounts of reagents they obtained monomethyl diethylamino phosponate (N5). In the last two reactions the two phosphonic groups showed a different reactivity, only one of them taking part in the reaction. There are 5 references: 3 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: L.W. Daasen, J.Am.Chem.Soc. 80,5301, 1958. E.K. Fields, J.Am. Chem.Soc. 74, 1528, 1952.

SUBMITTED: July 27, 1960

Card 2/2

L 21136-66 EWT(1)/EWA(h) GW

ACC NR: AP6011954 SOURCE CODE: UR/0387/65/000/012/0067/0067

AUTHOR: Gubin, I.

ORG: none

TITLE: Organization of work on the study of the seismicity of the Baltic shield

SOURCE: AN SSSR. Izvestiya. Fizika Zemli, no. 12, 1965, 67

TOPIC TAGS: seismology, seismicity, geophysic conference, earthquake

ABSTRACT: In August 1965 a session of the Subcommission of the European Seismological Commission on Study of the Seismicity of the Baltic Shield was held in Finland. It was attended by representatives of the USSR, Finland, Denmark, and Norway. It was proposed that all these countries, plus Sweden, undertake a joint study of the Baltic shield. Plans were drawn up to publish a bibliographic index of studies applying to the seismicity and recent movements of the earth's crust on the Baltic shield. Each country should submit its contributions by 1 February 1966. The Finnish National Committee will publish this index in 1966. Plans also call for compiling a map of the epicenters of the Baltic shield; it will show epicenters of earthquakes occurring from 1950 to 1966. This preliminary map will be presented at a meeting of the European Seismological Commission in the autumn of 1966. Work is to be begun on construction of a local travel-time curve for study of the earthquakes of the Baltic shield. Deep seismic sounding will be carried out along the profile:

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L 21136-66

ACC NR: AP6011954

Lake Ladoga-Gulf of Bothnia-Atlantic Ocean. Work is to be done on the study of the geological causes of the earthquakes of the Baltic shield. Tiltmeter measurements should begin. G. Panasenko was delegated responsibility for preparing recommendations on tiltmeter measurements. [JPRS]

SUB CODE: 08 / SUBM DATE: none

Card 2/2 ULR

GUBIN, I.I., inzh.

Utilization of waste heat from dry quenching of coke. Trudy NTO chern. met. 20:269-278 '60. (MIRA 13:10)

1. Ukrenergochermet.
(Coke industry) (Waste heat)

GUBIN, I. M.

"Selected works", (Izbrannye sochineniya), Vol. 1, Izd-vo An SSSR, 1951.

TIKHOMIROV, I.G., prof., doktor tekhn.nauk; KORNEYEV, P.Ya., kand.tekhn.nauk; NEVZOROV, A.V., kand.tekhn.nauk; GUBIN, I.N., inzh.

Automation of production processes in classification stations. Zhel.dor.transp. 44 no.5:50-54 My '62. (MIRA 15:5)
(Railroads--Hump yards)
(Automatic control)

GUBIN, I.Ye.

Forecasting of earthquakes. Part 1. Izv. AN SSSR. Ser. geofiz. no.8:1162-1170 Ag '64 (MIRA 17:8)

1. Institut fiziki Zemli AN SSSR.

GUBIN, I. Ye.

Garach Earthquake of 1941. Izd. Tadsh. Filiala of the USSR Academy of Sciences, Stalinabad, 1943.

GUBIN, I. Ye.

"The Earthquakes in Garm Oblast", Trudy Geofiz. in-ta AN SSR, [Papers of the Geophysical Institute of the Academy of Sciences of the USSR] No 8 (135), 1949.

GUBIN, I. Ye.

"The Seismotectonic Method of Seismic Tegionalization", Trudy Geofiz. in-ta AN SSR, No 13, p 140, 1950.

GUBIN, I. YE.

USSR/Geophysics - Earthquakes, Forecasting Apr 52

"Forecasting the Places Where Earthquakes Arise According to Seismic and Geological Data," I. Ye. Gubin

"Priroda" No 4, pp 55-65

Delineates the regions of earthquake origin in the USSR. States that earthquake forecasts have been made twice in 2 yrs by a seismotectonic method, taking into account the 3 elements, place of origin, strength and extent. Stresses the historical approach to seismic phenomena occurring in consequence

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of tectonic processes. States that the peculiarity of seismic charts is that the place of origin and extent of future powerful underground jarrings are reflected on them.

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GUBIN, I. YE.

"Basic Positions of the Seismotectonic Method," Izv. AN Tadzh. SSR. Otd. yestestv. N., No 5, 1953, pp 3-14

The seismotectonic method facilitates the finding of spots where a strong earthquake occurred. On the basis of association of geological phenomena and of statistics on earthquakes in Central Asia, it is assumed that epicenters of strong earthquakes coincide with seismogenic zones, i. e., zones of recent intensive tectonic agitation, followed by disruptions at various depths.

RZhFiz, No 3, 1955

FD 352

USSR/Geophysics - Seismic Classification of Regions

Card 1/1

Author : Gubin, I. Ye.

Title : Seismic regionalization of southwestern Turkmenia

Periodical : Izv. AN SSSR, Ser. geofiz. 3, 223-243, May/Jun 1954.

Abstract : Presents a brief account of the seismotectonic method of seismic regionalization. Attempts to apply it to southwestern Turkmenia. Marks the main seismogenetic zones of Turkmenia. Thanks Yu. N. Godin, N. P. Luppov, and Ye. F. Savarenskiy for their advice in the field of investigations, 22 references, all Soviet.

Institution : Geophysics Institute

Submitted : April 15, 1953

Translation M-369, 26 Apr 55

GUBIN, I.Ye.

Problems in seismic zoning. Trudy Geof. inst. no.25:36-73 '54.
(Seismometry) (MLRA 7:12)

GUBIN, I. Ye.

USSR/Geophysics - Physics of the Earth FD-1717

Card 1/1 : Pub. 45-5/12

Author : Gubin, I. Ye.

Title : On behalf of the seismotectonic method of seismic division into districts

Periodical : Izv. AN SSSR, Ser. geofiz., 137-155, Mar-Apr 1955

Abstract : The author examines the critical comments of V. V. Belousov and two other authors concerning the seismotectonic method of dividing into districts. According to the author, these comments are unjustified. He presents many arguments which in his opinion justify the further development of the method.

Institution : Geophysical Institute, Academy of Sciences USSR

Submitted : October 25, 1954

GUBIN, I. Ye.

USSR/Physics of the Earth - Seismology, O-3

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36370

Author: Gubin, I. Ye., Vasil'yeva, L. B.

Institution: Geophysics Institute, Academy of Sciences USSR, Moscow

Title: Seismotectonic Conditions of the Gissara Valley

Original Periodical: Byul. Soveta po seysmol. AN SSSR, 1955, No 1, 67-84

Abstract: Analysis of the geology of the Gissara Valley makes it possible to distinguish 3 zones of young differentiated tectonic motions: (1) South-Gissara -- along the southern slope of the Gissara range; (2) Near-Vakhshskaya -- along the northern edge of the outer zone of Pamir; (3) Near-Kafirniganskaya -- along the zone of intense Mesozoic and Tertiary folding. All the destructive earthquakes (from 8 balls up) of the Gissara Valley occur only in these zones. The pleistoseist (of the largest earthquakes) areas of the foci of the first zone stretch along an area 40-50 km long and 10-20 km wide and have a depth of focus of 10-25 km. The pleistoseist

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USSR/Physics of the Earth - Seismology, 0-3

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36370

Abstract: areas of the second and third zones are 12-15 km long, 3-5 km wide, and the depth of focus is 5-6 km. The intensity of the earthquakes is smaller than in zone 1. It was established everywhere that the foci are connected with the following structures: local mesozoic (second and third zone) and large blocks of paleozoic rocks (first zone); surface (second and third zone) and deep (first zone). It is proposed that the deep structures are either directly related with the surface ones, or else are on an assumed continuation of the surface structures. Not a single earthquake was recoreded, that could not be related to any one disclosed or assumed structure, in which movements occurred in recent times. Assuming that earthquakes are possible in each of such structures (in the seismic zone) and taking into account the assumed continuations of the exhibited structures in depth and the character of the pleistoseist areas in various zones, the authors have compiled a map of pleistoseists for the Gissara Valley and emphasize, that these considerations characterize a new seismotectonic method of seismic regionalization. It is indicated that the preliminary data of the seismotectonic method in the Gissara Valley (1950 were

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USSR/Physics of the Earth - Seismology, O-3

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36370

Abstract: confirmed: they were in agreement with an earthquake that occurred there later. An analogous indication (without an analysis of the seismogeological data) is drawn concerning the Garmsk Oblast. For further development of regionalization it is necessary to perform geophysical work (to disclose the buried structures) and an extensive recording of weak shocks (to determine the seismic structures).

Card 3/3

GUBIN, I. Ye.

USSR/Physics of the Earth - Origin and Structure of the Earth, 0-2

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36338

Author: Gubin, I. Ye.

Institution: Geophysics Institute, Academy of Sciences USSR

Title: On the Deep Geological Structure of the Territory of the Garmsk Oblast

Original Periodical: Byul. Mosk. o-va ispytateley prirody. Otd. geol., 1955, 30, No 4, 25-48

Abstract: Conclusions concerning the deep (up to 20 km) structure are based on the analysis of the surface structure (materials on the mesocenozoic era are given in the author's interpretation) and seismic data; with this it is proposed that all the centers are related either directly to the surface structures, or else with their proposed continuation in depth. The following zones were separated in the territory under investigation: 1. Southern Tyan'shan' -- meganticlinoric (only a small portion of it is contained in the

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USSR/Physics of the Earth - Origin and Structure of the Earth, 0-2

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36338

Abstract: Garmsk Oblast), the individual large blocks of which experienced differentiated motion during the coordinary period. It is bounded by a longitudinal fault that is deeply seated and passes along the valley of the river Surkhov, and formed as the result of an intense rise of the Southern Tyan'-Shan'. The breaks are complicated by transverse crumblings, the depth of which depends on the depth of the corresponding blocks. The frontal zone of Southern Shyan'-Tyan' is a depression between mountains, filled with neogenic deposits, which are covered on the left bank of the Surkhov by jurassic and cretaceous deposits. 3. The outer zone of Pamir: in the jurassic and the cretaceous -- the depression in front of the mountains, at the present time the Peter I range; it is divided into: (a) the Tavil'darinskiy synclinorium (depth of foundation 3-7 km); the Vashkhskiy cover of mezosoic rocks (amplitude of overthrust is 8-10 km); it is assumed that under the mesozoic the juncture between the structures of the Southern Tyan'-Shan' (extending south and east) with Pamir (extending southwest), is related to the faults (North Pamir zone of crumbling. 4. The internal zone of Pamir is the alpine meganticlinorium. On the

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USSR/Physics of the Earth - Origin and Structure of the Earth, 0-2

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36338

GUBIN, I.Ye.

Determining the maximum strength of possible earthquakes in the process of seismic zoning. Izv. Otd. est. nauk AN Tadzh.SSR no. 18:9-20 '57. (MIRA 11:8)

1. Institut fiziki zemli AN SSSR.
(Seismometry)
(Earthquakes)

GUBIN, I.Ye., starshiy nauchnyy sotrudnik

First issue of the Transactions of the Institute of Geology of the Academy of Sciences of the Tajik S.S.R. Izv. Otd. est.nauk AN Tadzh. SSR no.23:135-137 '57. (MIRA 11:8)

1.Institut fiziki Zemli AN SSSR.
(Tajikistan--Geology)

GUBIN, I.Ye.

Earthquake intensity scale and method for studying earthquakes in Tajikistan without the use of instruments. Izv. Otd. est. nauk AN Tadzh. SSR no.1:47-61 '58. (MIRA 12:1)

1. Institut fiziki Zemli AN SSSR.
(Tajikistan--Seismology)

S/169/60/000/010/001/013
A005/A001

Translation from: Referativnyy zhurnal, Geofizika, 1960, No. 10, p. 38, # 11939

AUTHORS: Gubin, I.Ye., Kinyapina, T.A.

TITLE: The Gazorchashminskiy Earthquake in 1956

PERIODICAL: Tr. AN TadzhSSR, 1958, Vol. 94, pp. 15-28

TEXT: The consequences are described of the Gazorchashminskiy earthquake of force eight, which occurred in the territory of the Garmskiy rayon of the Tadzhik SSR. It is reported on the geologic structure of the disturbed region. The results are presented of the inspection of the damages and destructions of buildings in 80 populated points. According to the destruction degree of the various buildings, the authors divide the populated points into 5 groups. The earthquake epicenter was determined by instruments and macroseismically; the results agree. The depth of the focus was about 5 km. There are 15 references.

S.V. Puchkov

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

Card 1/1

GUBIN, I. Ye, Dr. Geol Mineral Sci -- (diss) "Development of Geological Structures and Regularity of Seismic Manifestations in Tadzhikistan," Moscow, 1960, 32 pp, 140 copies (Institute of Physics of the Earth im O. Yu. Shmidt, AS USSR) (KL, 47/60, 99)

GUBIN, Igor' Yevgen'yevich; SAVARENSKIY, Ye.F., otv.red.; TUGOLESOV, D.A., otv.red.; POPOVA, T.S., red.izd-va; GUS'KOVA, O.M., tekhn.red.

[Mechanisms of seismic phenomena in Tajikistan; geology and seismicity] Zakonomernosti seismicheskikh proiavlenii na territorii Tadzhikistana; geologiia i seismichnost'. Moskva, Izd-vo Akad.nauk SSSR, 1960. 463 p. (MIRA 14:2)

(Tajikistan--Seismology)

SAVARENSKIY, Ye.F., doktor fiziko-matem. nauk, otv. red.; GUBIN, I.Ye., doktor geologo-miner. nauk, otv. red.; KHARIN, D.A., kand. fiziko-matem. nauk, otv. red.; MASSARSKIY, S.I., red. izd-va; SHEBALIN, N.V., red. izd-va; MAKUNI, Ye.V., tekhn. red.

[Earthquakes in the U.S.S.R.] Zemletriaseniia v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 412 p. (MIRA 15:1)

1. Akademiya nauk SSSR. Sovet po seismologii.
(Earthquakes)

GUBIN, I.E. [Gubin, I.Ye.]

Seismicity and geological structure of Central Asia. Studia geophys 6 no.4:410-411 '62.

1. Institute of the Physics of the Earth, Academy of Sciences of the U.S.S.R., Moscow G-242, B. Gruzinskaja 10.

BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV, A.A., red.; GARETSKIY, R.G., red.; GUBIN, I.Ye., red.; KROPOTKIN, P.N., red.; LEYTES, A.M., red.; MAZAROVICH, O.A., red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; PUSHCHAROVSKIY, Yu.M., red.; SHEYNMANN, Yu.M., red.; SHTREYS, N.A., red.; YANSHIN, A.L., red.

[Problems of the comparative tectonics of ancient platforms; materials] Voprosy sravnitel'noi tektoniki drevnikh platrofm; materialy. Moskva, Nauka, 1964. 152 p. (MIRA 17:8)

BELYAYEVSKIY, N.A., otv. red.; LEYTES, A.M., otv. red.; SHEYNMANN, Yu.M., otv. red.; BELOUSOV, V.V., red.; BOGDANOV, A.A., red.; GARETSKIY, R.G., red.; GUBIN, I.Ye., red.; KROPOTKIN, P.N., red.; SHTREYS, N.A. red.; MAZAROVICH, O.A., red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; PUSHCHAROVSKIY, Yu.M., red.; YANSHIN, A.L., red.

[Tectonics, igneous activity and distribution of ore deposits; materials] Tektonika, magmatizm i zakonomernosti razmeshcheniia rudnykh mestorozhdenii; materialy. Moskva, Nauka, 1964. 237 p. (MIRA 17:8)

1. Soveshchaniye po problemam tektoniki, Moscow, 1963.

MURATOV, M.V., otv. red.; PUSHCHAROVSKIY, Yu.M., red.; KHAIN, V.Ye., red.; MAZAROVICH, O.A., red.; BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV, A.A., red.; GARETSKIY, R.G., red.; GUBIN, I.Ye., red.; KROPOTKIN, P.N., red.; LEYTES, A.M., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; SHEYNMANN, Yu.M., red.; SHTREYS, N.A., red.; YANSHIN, A.L., red.

[Folded areas of Eurasia; materials] Skadchatye oblasti Evrazii; materialy. Moskva, Nauka, 1964. 375 p. (MIRA 17:11)

1. Soveshchaniye po problemam tektoniki. Moscow, 1963.

L 19460-65 EWT(1)/EWA(h) Peb/Pa-4 SSD/AFWL/AFETR/ESD(t) GW

ACCESSION NR: AP4044384 S/0049/64/000/008/1162/1170

AUTHOR: Gubin, I. Ye.

TITLE: The prediction of earthquakes. Part I

SOURCE: AN SSSR. Izvestiya. Seriya geofizicheskaya, no. 8, 1964, 1162-1170

TOPIC TAGS: earthquake, earthquake prediction, seismology, geology, seismic zoning

ABSTRACT: The author presents a comparative analysis of different principles for predicting earthquakes. It is shown that such prediction is possible only on the basis of a complex analysis of seismic, geological and other data and using different approaches for solution of different problems. After a review of the problems involved in earthquake prediction and references to a number of original studies in this field, the author discusses the so-called simple seismostatistical method of earthquake prediction. The initial assumption of this method is that it is possible for earthquakes to recur in the same place. This is correct, but it cannot be demonstrated that the earthquakes will be of the same intensity or that they will not occur in other places. Uncertain results are obtained when this method is used. In cases when the previously recorded earthquakes correspond in intensity to the maximum expression of the seismogenic process of a particular area the method will give correct results. In other cases the results can be incorrect. The method

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cannot determine at what points the evaluation has been made correctly. An exception is cases when tremors of 10 (or greater) on the scale have been recorded. The method cannot be used to determine the frequency of occurrence of earthquakes, thus increasing the possible errors of seismic zoning. However, this simple variant of the seismostatistical method is good for determining the sites of probable recurrence of earthquakes and despite the uncertainty of its results it must be used when other prediction methods cannot be applied. In the complex seismostatistical method a distinguishing characteristic is the construction of a logarithmic graph of the frequency of earthquakes; the curve on this graph is a straight line always having the same slope; this slope does not change with time and the straight line everywhere attains 10 scale units (earthquake intensity). The initial assumptions of the method — that everywhere that weak tremors occur there can also be earthquakes of intensity 10 and that the ratio between the number of tremors of different intensity everywhere is generally identical and constant — are probably correct only for extremely large seismogenic regions as a whole. These assumptions are not correct for small areas because the latter have their own different higher levels of earthquake intensity, different ratios of the number of weak and strong tremors and differently changing seismic regimes. The upper limits of earthquake intensity and the seismogenic conditions of local structures cannot be determined by this method. This is replaced by the above-mentioned 10-unit

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ACCESSION NR: AP4044384

curve of earthquake frequency. The extent of errors in such predictions is obviously dependent on the degree to which the curve corresponds to local conditions, but this cannot be determined and the errors remain unknown. Errors can be large with respect to both intensity and frequency. For this and other reasons mentioned it is still too early to use this method for seismic zoning; further elaboration is required.

ASSOCIATION: Institut fiziki Zemli, Akademiya nauk SSSR, (Institute of Physics of the Earth, Academy of Sciences, SSSR)

SUBMITTED: 23Jul63 ENCL: 00 SUB CODE: ES

NO REF SOV: 026 OTHER: 009

Card 3/3

KROPOTKIN, P.N., otv. red.; BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV, A.A., red.; GARETSKIY, R.G., red.; GUBIN, I.Ye., red.; LEYTES, A.M., red.; MAZAROVICH, O.A., red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; PUSHCHAROVSKIY, Yu.M., red.; SHEYNMANN, Yu.M., red.; SHTREYS, N.A., red.; YANSHIN, A.L., red.

[Structure and the development of the earth's crust; materials] Stroenie i razvitie zemnoi kory; materialy. Moskva, Nauka, 1964. 199 p. (MIRA 18:2)

1. Vsesoyuznoye soveshchaniye po problemam tektoniki. 2d, Moscow, 1963.

L 10722-65 EWT(1)/EWA(h) Peb AFWL/AFETR/ESD(t)/SSD GW

ACCESSION NR: AP4045783 S/0049/64/000/009/1292/1299

AUTHOR: Gubin, I. Ye.

TITLE: Forecasting earthquakes. II

SOURCE: AN SSSR. Izvestiya. Seriya geofizicheskaya, no. 9, 1964, 1292-1299

TOPIC TAGS: seismology, seismic activity, seismotectonic method, earthquake forecasting

ABSTRACT: The seismotectonic method of forecasting earthquakes is based on the assumption that there are specific natural relationships between geologic structure and earthquake intensity. Four such relationships are: 1) earthquakes occur along faults which are the contact area of structures moving in different directions; 2) the deeper the major seismogenic fracture, the deeper will be the lower level of the focus and the greater will be the quake propagation; 3) the greater the fracture or the greater the movement in amplitude and area, the larger will be the focus and the stronger will be the

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L 10722-65

ACCESSION NR: AP4045783

quake; 4) the more rapidly the structure moves relative to adjacent formations, the quicker the displacement pressures are developed and the more often quakes of maximum intensity will occur. The accuracy of the forecast depends on the seismological conditions present and the degree to which they have been explored. A forecast consists of the following: 1) zones of possible strong earthquakes; 2) intensity of possible earthquakes; 3) depth of the focus; 4) extent of the area affected by the earthquake; and 5) frequency of occurrence of earthquakes. To improve forecast reliability on the basis of genetic principles, special long-period investigations of the differential movements of geological structures along faults must be made, and the corresponding conditions of seismicity must be studied by geodetic, geomorphological, and seismological methods.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli (Academy of Sciences SSSR, Institute of Physics of the Earth)

SUBMITTED: 23Jul63 ATD PRESS: 3115 ENCL: 00

SUB CODE: ES NO REF SOV: 005 OTHER: 001

Card 2/2

GARETSKIY, R.G., otv. red.; YANSHIN, A.L. akademik, otv. red.; BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV, A.A., red.; GUBIN, I.Ye., red.; KROPOTKIN, P.N., red.; LEYTES, A.M., red.; MAZAROVICH, O.A., red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; PUSHCHAROVSKIY, Yu.M., red.; SHEYNMANN, Yu.M., red.; SHTREYS, N.A., red.

[Young platforms, their tectonics, and prospects for finding oil and gas; materials] Molodye platformy, ikh tektonika i perspektivy neftegazonosnosti; materialy. Moskva, Nauka, 1965. 223 p. (MIRA 18:3)

1. Soveshchaniye po problemam tektoniki, Moscow, 1963.

GUBIN, I.Ye.

Conducting macroseismic studies. Izv. AN SSSR. Fiz. zem. no.2: 11-20 '65. (MIRA 18:6)

1. Institut fiziki Zemli AN SSSR.

GUBIN, K.M.

Experience in growing lupine for green manure, forage, and seed. Zemledelie 7 no.7:73-76 Jl '59. (MIRA 12:9)

1. Zaveduyushchiy Maloyaroslavetskim gossortouchastkom. (Lupine)

GUBIN, Konstantin Mikhaylovich, agronom; KANDYBIN, M., red.; IVANOV,N., tekhn. red.

[Best varieties and cultivation practices in raising field crops] Luchshie sorta i agrotekhnicheskie priemy - na polia; iz opyta Maloiaroslavetskogo gosudarstvennogo sortoispytatel'nogo uchastka. Kaluga, Kaluzhskoe knizhnoe izd-vo, 1962. (MIRA 16:8)
75 p.
1. Maloyaroslavetskiy gosudarstvennyy sortoispytatel'nyy uchastok Kaluzhskoy oblasti (for Gubin).
(Kaluga Province—Field crops)

BUBIN, L.G.; TROSHKOV, G.F.

Semiautomatic device for assembling roller bearings. Biul.tekh.-ekon. inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 18 no.9:20-21 S '65. (MIRA 18:10)

GUBIN, M.

Jet engines. Za obor. 23 no.14:14-16 D '47. (MIRA 13:3)
(Airplanes--Jet propulsion)

Gubin, M.A.

GUBIN, M.A., inzh.

Golovanov instrument to test ship listing. Rech.transp. 16 no.12: 36-37 D '57. (MIRA 11:1)
(Inclinometer)

GUBIN, M.A., inzh.

Coefficients for computing levers of form stability according to metacentric radii. Sudostroenie 24 no.7:60-61 Jl '58. (MIRA 11:9)

(Stability)

GUBIN, M.A., inzh.

Graphs for computing effect of free surfaces of liquid cargoes on a static stability diagram. Sudostroenie 24 no.10:13-15 O '58. (MIRA 11:12)

(Ships--Cargo) (Stability of ships)

GUBIN, M.A., inzh.

Graphs for the determination of changes in draft during the reception or the using up of loads. Sudostroenie 27 no.3:11-12 Mr '61. (MIRA 14:3)

(Trim(of ships))

GUBIN, M. F.

"Investigations of Straight-Axis Intake Pipes." Sub 22 May 51, Moscow Order of the Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

8 (6)

SOV/112-57-5-9966

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1957, Nr 5, pp 47-48 (USSR)

AUTHOR: Gubin, M. F.

TITLE: Investigation of Hydro Turbine Scroll Cases (Issledovaniye spiral'nykh turbinnykh kamer gidroelektrostantsii)

PERIODICAL: Tr. Mosk. inzh.-stroit. in-ta, 1956, Nr 16, pp 46-55

ABSTRACT: Power characteristics of scroll cases were investigated experimentally, and hydraulic losses in the casing both with and without the runner were compared. Tests were conducted on two laboratory turbine outfits D_1 = 100 and 180 mm with vertical-type turbines, straight-axis tapered draft tube, and on an adjustable guide-vane mechanism. A third outfit was used for visual observations of the flood stream between the vertical piers and guide vanes. Visual observations were also conducted on scroll cases; three-dimensional plexiglas models were used; photo and cinema pictures were taken. It has

Card 1/2

Investigation of Hydro Turbine Scroll Cases

been found that the optimum offset of the turbine axis in relation to the longitudinal axis of the casing corresponds to a definite angle of encompassing the casing. If the vertical piers have a correct design, the casing with encompassing angles of 180°, 160°, and 135° are powerwise equivalent and secure a uniform turbine feed around the entire perimeter of the guide-vane mechanism.

I.I.O.

SOV/112-57-5-9967

8 (6)

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1957, Nr 5, p 48 (USSR)

AUTHOR: Gubin, M. F.

TITLE: Some Ways to Further Increase the Efficiency of Draft Tubes of Hydraulic Turbines (Nekotoryye puti dal'neyshego uvelicheniya k.p.d. otsasyvayushchikh trub gidroturbin)

PERIODICAL: Tr. Mosk. inzh.-stroit. in-ta, 1956, Nr 16, pp 75-93

ABSTRACT: An investigation is described of the shape of the vertical section of the draft tube that includes a streamlined section. Experiments were staged with both the straight conical draft tube and the elbow-type tube. The optimum side angle of flare of the straight vertical draft tube was calculated. The calculation was based on (1) a positive effect (confirmed by experiments) of a slight whorl of the stream on the draft-tube operation, (2) the fact that a purely axial stream is the optimum stream for a cylindrical pipe. It was assumed that losses in the tube increase with greater nonuniformity of the stream and, therefore, a uniform stream should be created. The experiments were staged

Card 1/3

Some Ways to Further Increase the Efficiency of Draft Tubes of Hydraulic Turbines

with a laboratory turbine outfit having a runner diameter of 100 mm. The experiments were conducted both with and without the runner (with a stationary bushing having a streamlined section). Velocity and pressure were measured in the cross-sections past the streamlined portion and at the discharge end. Six alternate constructions of straight vertical tubes were tested; they had different intermediate portions but equal discharge areas and equal side angles of flare. The experiments showed that the best values of efficiency are obtained with an axial or slightly torsional stream in the draft tube. The above investigations of straight tubes showed that the side angle of flare φ_n should be reduced to 12^o-18^o from the value of about 35^o used at present. As a specimen of the elbow-type draft tube, a tube was selected with $h = 3.85\ D_1$ (the type used at ZAGES). One elbow and one discharge flare were tested with four alternate intermediate sections under the same three sets of conditions as in the case of straight vertical tubes. The tests were conducted without the runner. Here, the best results were also obtained with a slightly torsional

Some Ways to Further Increase the Efficiency of Draft Tubes of Hydraulic Turbines

stream and with lower values of the angles φ_n . Isolated elbow-type tube tests with different streamlined sections revealed that elongating the streamlined section increased tube carrying capacity. A longer streamlined section and a modified shape of the intermediate section resulted in lower pressure pulsations; the pressure was measured at the streamlined-section nose, at the runner casing wall, and at the intermediate-section wall. Visual observations of the stream revealed that the recommended changes in the streamlined and intermediate sections considerably improved the stream by almost completely eliminating breakaway. With the longer streamlined section, the axial force measured during the turbine operation decreased by 3.5-5%; with no streamlined section, the force increased by 3.0-3.7%.

B.E.G.

GUBIN, M.F.

ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.; BIRYUKOV, S.M.; BLOKHIN, S.I.; BOROVOY, G.A.; BULEV, M.Z.; BURAKOV, N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; VOSHCHININ, A.P.; GALAKTIONOV, V.D., kand. tekhn. nauk; GENKIN, Ye.M.; GIL'DENBLAT, Ya.D., kand. tekhn. nauk; GINZBURG, M.M.; GLEBOV, P.S.; GODES, E.G.; GORBACHEV, V.N.; GRZHIB, B.V.; GRIGULOV, L.F., kand. s.-kh. nauk; GRODZENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO, Yu.D.; DOBROKHOTOV, D.D.; DUBININ, L.G.; DUNDUKOV, M.D.; ZHOLIK, A.P.; ZENKEVICH, D.K.; ZIMAREV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.; KARANOV, I.F.; KNYAZEV, S.N.; KOLEGAYEV, N.M.; KOMAREVSKIY, V.T.; KOSENKO, V.P.; KORENISTOV, D.V.; KOSTROV, I.N.; KOTLYARSKIY, D.M.; KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; LGALOV, V.G.; LIKHACHEV, V.P.; LOGUNOV, P.I.; MATSKEVICH, K.F.; MEL'NICHENKO, K.I.; MENDELEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk; MUSIYEVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OVES, I.S.; OGUL'NIK, G.R.; OSIPOV, A.D.; OSMER, N.A.; PETROV, V.I.; PERYSHKIN, G.A., prof.; P'YANKOVA, Ye.V.; RAPOPORT, Ya.D.; REMIZOV, N.P.; ROZANOV, M.P., kand. biol. nauk; ROCHEGOV, A.G.; RUBINCHIK, A.M.; RYBCHEVSKIY, V.S.; SADCHIKOV, A.V.; SEMENTSOV, V.A.; SIDENKO, P.M.; SINYAVSKAYA, V.T.; SITAROVA, M.N.; SOSNOVIKOV, K.S.; STAVITSKIY, Ye.A.; STOLYAROV, B.P. [deceased]; SUDZILOVSKIY, A.O.; SYRTSOVA, Ye.D., kand. tekhn. nauk; FILIPPSKIY, V.P.; KHALTURIN, A.D.; TSISHEVSKIY, P.M.; CHEKHKASOV, M.I.; CHERNYSHEV, A.A.; CHUSOVITIN, N.A.; SHESTOPAL, A.O.; SHEKHTER, P.A.; SHISHKO, G.A.; SHCHERBINA, I.N.; ENGEL', F.F.; YAKOBSON, A.G.; YAKUBOV, P.A., ARKHANGEL'SKIY,

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 2.
Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BALASHOV, Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUNER, P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent, red.; VALUTSKIY, I.I., kand. tekhn. nauk, retsenzent, red.; GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F., retsenzent, red.; GUDAYEV, I.N., retsenzent, red.; YERMOLOV, A.I., kand. tekhn. nauk, retsenzent, red.; KARAULOV, B.F., retsenzent, red.; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIKIN, V.V., retsenzent, red.; LUKIN, V.V., retsenzent, red.; LUSKIN, Z.D., retsenzent, red.; MATRIOSOV, A.Kh., retsenzent, red.; MENDELEYEV, D.M., retsenzent, red.; MENKEL', M.F., doktor tekhn. nauk, retsenzent, red.; OBRAZKOV, S.S., retsenzent, red.; PETRASHEN', P.N., retsenzent, red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent, red.; RYABCHIKOV, Ye.I., retsenzent, red.; STASENKOV, N.G., retsenzent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V., prof., doktor tekhn. nauk, retsenzent, red.; TIZDEL', R.P., retsenzent, red.; FEDOROV, Ye.M., retsenzent, red.; SHEVYAKOV, M.N., retsenzent, red.; SHMAKOV, M.I., retsenzent, red.; ZHUK, S.Ya. [deceased], akademik, glavnyy red.; FLISO, G.A., kand. tekhn. nauk, red.; FILIMONOV, N.A., red.; VOLKOV, L.N., red.; GRISHIN, M.M., red.; ZHURIN, V.D., prof., doktor tekhn. nauk, red.; KOSTROV, I.N., red.; LIKHACHEV, V.P., red.; MEDVEDEV, V.M., kand. tekhn. nauk, red.; MIKHAYLOV, A.V., kand. tekhn. nauk, red.; PETROV, G.D., red.; RAZIN, N.V., red.; SOBOLEV, V.P., red.; FERINGER, B.P., red.; FREYGOFER,
(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 3.
Ye.F., red.; TSYPLAKOV, V.D. [deceased], red.; KORABLINOV, P.M., tekhn. red.; GENKIN, Ye.M., tekhn. red.; KACHEROVSKIY, N.V., tekhn. red.

[Volga-Don; technical account of the construction of the V.I. Lenin Volga-Don Navigation Canal, the TSimlyansk Hydroelectric Center, and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina, TSimlianskogo gidrouzla i orositel'nykh sooruzhenii, 1949-1952; v piati tomakh. Moskva, Gos. energ. izd-vo. Vol.1. [General structural descriptions] Obshchee opisanie sooruzhenii. Glav. red. S.IA. Zhuk. Red. toma M.M. Grishin. 1957. 319 p. Vol.2. [Organization of construction. Specialized operations in hydraulic engineering] Organizatsiia stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 4.
Glav. red. S.IA. Zhuk. Red. toma I.N. Kostrov. 1958. 319 p.
(MIRA 11:9)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-korrespondent Akademii nauk SSSR (for Akhutin). 3. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin, Razin).

(Volga Don Canal--Hydraulic engineering)

GUBIN, M.F., dots., kand.tekhn.nauk; KARELIN, V.Ya., inzh.

Effect of varying pressure of model turbines on their characteristics. Nauch.dokl.vys.shkoly; stroi. no.2:259-263 '58.
(MIRA 12:1)

(Hydraulic turbines--Models)

GUBIN, M.F., dotsent, kand.tekhn.nauk

Investigation of the rotor wheel cones of adjustable-blade hydraulic turbines. Sbor. trud. MISI no.35:33-41 '61. (MIRA 14:9)
(Hydraulic turbines)

GUBIN, M.F., dotsent, kand.tekhn.nauk

Determination of lateral forces acting on the collar cone of the rotor wheel. Sbor. trud. MISI no.35:41-49 '61. (MIRA 14:9)
(Hydraulic turbines)

L 13598-66 EWT(1)/EWT(m)/EPF(n)-2/T/ETC(m) WW/DJ

ACC NR: AP6001011 SOURCE CODE: UR/0286/65/000/022/0083/0084

AUTHORS: Fitingof, A. N.; Gubin, M. I.; Makarenko, K. P.

ORG: none

TITLE: A glandless centrifugal pump. Class 59, No. 176491

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 83-84

TOPIC TAGS: pump, centrifugal pump, corrosion, corrosion prevention

ABSTRACT: This Author Certificate presents a glandless centrifugal pump with a gas-filled casing. The pump is provided with an electric motor, a gas-distributing chamber, and an automatic apparatus for feeding inert gas (see Fig. 1). To protect the rotor and valves of the electric motor from aggressive liquids by a continuous feed of the inert gas into the distributing chamber, the automatic apparatus regulating the gas flow is made in the form of a valve activated by a float placed

Card 1/2 UDC: 621.671.2-531.3

L 13598-66

ACC NR: AP6001011

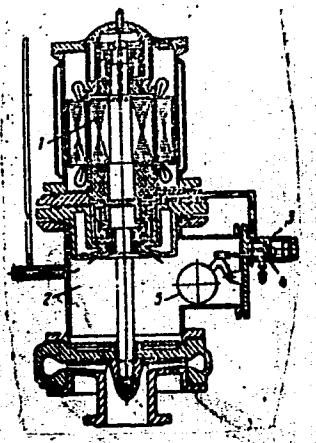

Fig. 1. 1 - Electric motor; 2 - gas distribution chamber; 3 - automatic apparatus; 4 - valve; 5 - float.

in the gas-distributing chamber. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 13Apr64

Card 2/2

ZHELTYKHIN, D.V., dots.; NIKITIN, V.M., prof., red.; GRUBE, A.E., prof., red.; GUBIN, M.M., prof., red.; GOFMAN, M.S., tekhn. red.

[S.M.Kirov Academy of Lumbering in Leningrad; a handbook] Leningradskaya ordena Lenina lesotekhnicheskaia akademiia imeni S.M.Kirova. Spravochnik. Leningrad, Izd. nauchno-issl. sektora, 1956. 36 p. (MIRA 11:11)

1. Russia(1923- U.S.S.R.) Ministerstvo vysshego obrazovaniya. (Leningrad--Lumbering--Study and teaching)

S/035/62/000/008/062/090
A001/A101

AUTHOR: Gubin, M. M.

TITLE: Application of automatic coordinate meter to vertical planning survey of surfaces

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 8, 1962, 13, abstract 8G116 ("Nauchn. tr. Leningr. lesotekhn. akad.", 1962, no. 94, 115 - 121)

TEXT: The author describes the method of vertical planning surveys of surfaces with the use of a КАГ -2 (KAG-2) automatic coordinate meter. It makes it possible to obtain automatically, under field conditions, coordinates X,Y and H of the ground surface. A straight line is staked out on the surface intended for vertical planning survey, approximately across its middle, and its ends are fixed with slope stakes. Point A, station of the device, is selected on the straight line which serves as orientation line (this point is origin of coordinates). Conditional coordinates X and Y of point A are set on counting rollers of the coordinate meter and the reading equal to the height of point A is set on the height scale, and the instrument is oriented. Then tacheometric survey is carried

Card 1/2

Application of automatic coordinate meter to...

out with simultaneous determination of rectangular coordinates of points and their heights. Distances from A to the points being determined must be measured with range finders ДД -2 (DD-2) or DD-3. Later on, the plan and project of vertical planning are compiled, based on the results of survey. The horizontal position of the projected plane is determined as the mean arithmetical value of all heights H, and the inclined position of the plane is found from the solution of the equation of excavation work volumes. The method of calculating excavation work volumes, developed by B. M. Kopylov, is described as applied to the use of the automatic altimeter.

V. Bol'shakov

[Abstracter's note: Complete translation]

GUBIN, M. S.

USSR/Miscellaneous - Machine Tools

Card : 1/1

Authors : Gubin, M. S.

Title : Automatic threading head

Periodical : Stan i instr, 3, 31 - 32, Mar 1954

Abstract : An automatic threading head, which is now used instead of the regular head, on bolt-threading machines is described. A diagram with a detailed description of the operation is given.

Institution : .....

Submitted : .....

GUBIN, M.S.

Thread roller head. Sel'khozmashina no.4:29-31 Ap '54. (MLRA 7:5)
(Screw cutting machines)

GUBIN, M.S.

Automatic thread rolling head. Stan.i instr. 25 no.3:31-32 Mr '54.
(MLRA 7:5)
(Screw-cutting machines)

GUBIN, M.S.

Remodeling bolt-cutting machines in thread rollers. Stan. i instr. 26 no.5:27 My '55. (MIRA 8:8)
(Screw-cutting machines)

[redacted], V.Ya.; [redacted], L.G.; [redacted], M.Ya.

Tightening of important threaded joints of an engine. Mashinostroenie no.3:88-91 My-Je '64.

(MIRA 17:11)

GUBIN, N. glavnyy inzhener.

The aims of technical progress in mining. Mast.ugl. 4 no.11:5-6 N '55.
(Moscow Basin--Coal mining machinery) (MLRA 9:2)

GUBIN, N.I., redaktor; KANDYKIN, A.Ye, tekhnicheskiy redaktor

[Technical instructions for bricklaying by the divided operations method] Tekhnologicheskie ukazaniia po proizvodstvu kirpichnoi kladki operatsionno-raschlenennym metodom. Moskva, Gos. transp. zhel-dor. izd-vo 1953. 89 p. (MLRA 7:10)
(Bricklaying)

GUBIN, N.I., inzhener; STOLYARENKO, D.I., inzhener.

Experience in building apartment houses using large sized brick blocks. Transp. stroi. 6 no.8:7-10 Ag '56. (MLRA 9:10)

(Building, Brick) (Building blocks)

GUBIN, N.I.

GUBIN, N.I., inzh.; STOLYARENKO, D.I. ; KANEVSKIY, A.G.

Expand large-block construction of apartment houses in all possible ways. Transp.stroi. 7 no.5:3-6 My '57. (MIRA 10:11)
(Apartment houses)

GUBIN, N.I.; ZAGAYEVSKIY, Yu.L.; KAZAKOV, L.M.; LEVKOV, A.I.; LEVCHENKO, A.I.; MAL'CHENKO, E.Ya.; KAZAKOV, L.M.; POTAPENKO, G.D.

Overall mechanization and automation of mines in the Tula-ugol' Combine. Ugol' 40 no.2:1-5 F '65. (MIRA 18:4)

1. Shakhta No.38 (tresta Novomoskovskugol' for Gubin). 2. Trest Krasnoarmeyskugol' (for Zagayevskiy). 3. Kombinat Tulaugol' (for Kazakov). 4. Shakhta No.2 "Bibikovskaya" tresta Uzlovskugol' (for Levkov). 5. Shakhta No.13 tresta Shchekinugol' (for Levchenko). 6. Shakhta No.2 "Zubovskaya" tresta Krasnoarmeyskugol' (for Mal'chenko). 7. Trest Novomoskovskugol' (for Potapenko).

GUBIN, Nikolay Mikhaylovich; SRAPIONOV, Onik Sergeyevich; YEFIMOV, N.S., otv. red.; KAZ'MINA, R.A., red.; KARABILOVA, S.F., tekhn. red.

[Problems in economics and planning in district communication offices] Voprosy ekonomiki i planirovaniia v raionnykh kontorakh sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 127 p. (MIRA 14:5)

(Telecommunication)

GUBIN, N. M.

USSR/ Miscellaneous - Book review

Card 1/1 Pub. 133 - 19/21

Authors : Gubin, N. M.; Simakov, P. P.; and Barsuk, V. A.

Title : P. P. Faynguz, "Technical Standardization in Communication Establishments," State Publishing House for Communications and Radio Literature, Moscow

Periodical : Vest. svyazi 3, page 32, Mar 1955

Abstract : A constructive criticism is presented of P. P. Faynguz's book entitled, "Technical Standardization in Communication Establishments," dealing in standardization of operations in erecting and repairing telephone and telegraph lines, standardization of work of the telephone and telegraph operators, and the organization of work in compiling technical standards. Some of the shortcomings of the book are pointed out and a request is made for a revised publication.

Institution : .....

Submitted : .....

S/111/60/000/012/004/004
B019/B058

AUTHORS: Gubin, N. M., Candidate of Economic Sciences,
Barsuk, V. A., Aspirant

TITLE: Use of Mathematical Methods in Economic Studies and Planning

PERIODICAL: Vestnik svyazi, 1960, No. 12, pp. 28 - 30

TEXT: In connection with the resolutions of the XXI Congress of the CPSU, the authors describe mathematical methods for economic studies, and in the introduction they show three ranges of application. The probability theory is used in the first group for problems of expectation, such as the calculation of the working point. The second group covers the calculations of reserves, and the third group comprises all problems connected with the planning of reserves in the most general sense. This is the biggest group; the algorithms and index methods used for it are discussed briefly. Next, the authors describe a practical determination of the optimum distribution of assembly operations at a

Card 1/2

Use of Mathematical Methods in Economic Studies and Planning

S/111/60/000/012/004/004
B019/B058

Moscow factory, conducted by them with the index method. It turned out that one of three operating positions could be abolished, resulting in a 50% increase in productivity. The time needed by the individual laborers and the duration of operations were tabulated by the authors, and on the basis of these data the most suitable way of assembly could be found. There are 2 figures.

ASSOCIATION: Kafedra organizatsii i planirovaniye svyazi VZEIS (Department of Organization and Planning of Communication Systems of VZEIS), Gubin, N. M.; TsNIIS, Barsuk, V. A.)

Card 2/2

GUBIN, N.M.; MOISEYEV, V.M.

Case of fatal poisoning with a medicinal preparation, carbacholine. Sud.-med.ekspert. 5 no.3:48-49 Jl-S '62. (MIRA 15:9)

1. Kafedra sudebnoy meditsiny (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent N.P.Marchenko) Khar'kovskogo meditsinskogo instituta i Khar'kovskoye oblastnoy byuro sudebnomeditsinskoy ekspertizy (nachal'nik V.M.Moiseyev.
(CHOLINE--TOXICOLOGY)

GUBIN, N.M.

Diagnosis of sperm stains by the spectrographic method. Sud. med. ekspert. 6 no.3:10-13 Jl-S'63. (MIRA 16:10)

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L 23294-66

ACC NR: AP6012160 SOURCE CODE: UR/0413/66/000/007/0079/0080

INVENTOR: Gubin, P. A.

ORG: none

TITLE: Device for measuring mass variations of a substance. Class 42, No. 180412

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 7, 1966, 79-80

TOPIC TAGS: measuring device, mass variation measurement

ABSTRACT: This Author Certificate has been issued for a device for measuring variations in mass. The device (see Fig. 1) consists of a beam balance, with one lever arm carrying a counterbalance and the other holding the measured substance on a cylindrical support which extends into a liquid-filled vessel. For obtaining continu-

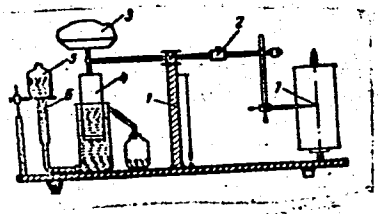

Fig. 1. Device for measuring mass variations of a substance

1 - Beam balance; 2 - counterbalance; 3 - measured substance; 4 - cylindrical support; 5 - U-shaped liquid-filled vessel; 6 - floating regulator; 7 - recording stylus.

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ous and accurate measurements, the liquid-filled vessel is a U-shaped container with one of its arms equipped with a floating liquid level regulator. Measurements are recorded by a stylus hinged to one of the lever arms of the device. Orig. art. has: 1 figure. [SA]

SUB CODE: 14/ SUBM DATE: 19Feb65/ ATD PRESS: 4230

Card 2/2 PB

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