

KOZHEVIN, V.G.; AFONIN, A.A.; FAT'YANOV, N.M.; SOLLOGUB, V.P.; KOZYUBERDA, A.F., gornyy inshener; PRYAKHIN, V.A.; SHINKOVSKIY, A.V.; SUKHACHEV, D.A.

Let's be ready for the tenth celebration of Miners' Day with new industrial achievements. Ugol' 32 no.8:4-17 Ag '57. (MLRA 10:9)

1. Kemerovskiy Sovnarkhoz (for Koshevin).
2. Glavnyy inshener tresta Pervomayskugol' (for Afonin).
3. Glavnyy inshener tresta Nesvetay-antratsit (for Fat'yanov).
4. Glavnyy inshener tresta Kopeyskugol' (Sollogub).
5. Kyutinskoye shakhtoupravleniye (for Kozyuberda).
6. Shakhta im. Bunyantseva tresta Kalininugol' for Pryakhin).
7. Nachal'nik ordena Lenina shakhty No.9 tresta Sveshnyanantratsit (for Shinkovskiy).
8. Nachal'nik shakhty No.22 "Lomintsevsckaya tresta Shchekinugol' (for Sukhachev).

(Coal mines and mining)

FAT'YANOV, P.

Farm mechanics get practical training. Prof.-tekh.obr. 11 no.7:9
0 '54. (MLRA 7:11)

1. Prepodavatel' uchilishcha mekhanizatsii sel'skogo khozyaystva
No. 6 (Krasnodarskiy kray)
(Krasnodar Territory--Agricultural education)

TURKEL', L.G.; FILATOV, V.V.; FAT'YANOV, P.G.; ROZIN, M.A., red.;
SCKGLOVA, N.N., tekhn. red.

[Laboratory and practice lessons on grain and specialized
combines] Laboratorno-prakticheskie zaniatia po zernovym i
spetsial'nym kombinam. Moskva, Sel'khozizdat, 1963. 366 p.

(MIRA 16:10)

(Combines (Agricultural machinery))

FAT'YANOV, V.

New books. Khim. v shkole 16 no.2:90-92 Mr-Ap '61. (MIRA 14:6)
(Bibliography--Chemistry)

FAT'YANOV, V. (Moskva)

In the Publishing House of the Academy of Pedagogical Sciences of
the R.S.F.S.R. Fiz.v shkole 22 no.1:107-108 Ja-F '62.
(MIRA 15:3)

(Bibliography--Education)

FAT'YANOV, V. (Moskva)

Contribution of the Publishing House of the Academy of Pedagogical
Sciences to mathematics teachers in 1962. Mat. v shkole no.2:76-77
Mr-Ap '62. (MIRA 15:3)

(Bibliography--Mathematics)

FAT'YANOV, V.

Aids for chemistry teachers to be published by the Academy of
Pedagogical Sciences of the R.S.F.S.R. in 1962. Khim. v shkole
17 no.4:96 J1-Ag '62. (MIRA 15:10)

(Chemistry—Study and teaching)

FAT'YANOV, VI.

Aids for regional geographers. Geog. v shkole 26 no.3:90-93
My-Je '63. (MIRA 16:6)

(Bibliography—Geography)

FAT'YANOV, VI.

"My butterfly hunting" by Eugene le Mout. Reviewed by VI:
Fat'ianov. IUn. nat. no.12:35 D '62. (MIRA 16:1)
(Butterflies--Collection and preservation) (Le Mout, Eugene)

FAT'YANOV, V. A.

Cand Agr Sci - (diss) "Effectiveness of the use of herbicides in combating weed vegetation of field grass crops in crop-rotation in the southern forest-steppe of the Left-Bank Ukraine." Khar'kov, 1961. 16 pp; (Ministry of Agriculture Ukrainian SSR, Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev); 200 copies; free; (KL, 6-61 sup, 233)

NELIPA, N.F.; FAT'YANOV, V.G., red.; VLASOVA, N.A., tekhn.red.

[Relation between the photoproduction of π -mesons and their scattering; with tables of Clebsch-Gordan, Racah and Z-coefficients] Sviaz' fotoobrazovaniia π -mezonov s rasseianiem; s prilozheniem tablits koeffitsientov Klebsha-Gordona, Rakha i Z. Moskva, Izd-vo glav.upr.po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR, 1959. 87 p. (MIRA 12:12)
(Mesons)

FAT'YANOV, V.K., agronom; SAVINA, E.M., zotekhnik

Feed production on the Kalinovka Village Collective Farm. Zemledelie
25 no.12:7-10 D '63. (MIRA 17:4)

YNGER, Tomas; FAT'YANOV, V.V., red.; VLASOVA, N.A., tekhn.red.

[Using concrete in radiation shielding; collection of articles]
Beton v tekhnike zashchity ot izlucheni; sbornik. Moskva, Izd-vo
glav.upr. po ispol'zovaniyu atomnoi energii pri Sovete Ministrov
SSSR, 1960. 91 p. (MIRA 13:3)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye po ispol'zovaniyu
atomnoy energii.
(Concrete) (Shielding (Radiation))

FAT'YANOV, V.V., red.; VLASOVA, N.A., tekhn.red.

[Controllable thermonuclear reactions] Upravlyaemye
termoiadernye reaktsii. Moskva, 1960. 319 p. (Trudy
Glavnogo upravleniia po ispol'zovaniiu atomnoi energii pri
Sovete Ministrov SSSR, no.26). (MIRA 14:4)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye po ispol'zo-
vaniyu atomnoy energii. Upravleniye nauchno-tekhnicheskoy
informatsii i vystavok.
(Thermonuclear reactions)

FAT'YANOV, V.V. (Moskva)

New bookds. Mat. v shkole no.2:85-86 Mr-Ap '61. (MIRA 14:4)
(Bibliography--Mathematics)

FAT'YANOV, V.V. (Moskva)

In the Publishing House of the Academy of Pedagogical Sciences
of the R.S.F.S.R. Fiz.v shkole 22 no.6:104 N-D '62.

(MIRA 16:2)

(Bibliography--Physics--Study and teaching)

FAT'YANOV, V. V.

In the publishing house of the Academy of Pedagogical Sciences of E.S.F.S.R.
Khim. v shkole 18 no.1:96 Ja-F '63. (MIRA 16:4)
(Bibliography—Chemistry)

FATYKHOV, D., inzh.

The pattern of a tubular electric heater is of great importance. Obshchestv. pit. no.6:57-59 Je '62. (MIRA 15:9)
(Restaurants, lunchrooms, etc.—Equipment and supplies)
(Stoves, Electric)

FATYKHOV, D.F.

Studying temperature distribution on the surface of electric
burners and stoves. Nauch. trudy Samark. inst. sov. torg. 8:
281-299 '57. (MIRA 12:7)
(Stoves, Electric)

MO'YLYANSKAYA, R.Ye.; PUL'KINA, I.Ye.; STOGOVA, L.I.; SURKINA, I.D.;
FATYUGOVA, L.N.; IVANOVA, M.P.

Comparative analysis of the reaction to repeated specific and
nonspecific stresses in weight lifters. Probl. vrach kontr. no.5:
160-175 '60. (MIRA 14:3)

(WEIGHT LIFTING)

FATYUGOVA, L.N.

Electrocardiographic changes in youths during weight-lifting
exercises. Probl. vrach kontr. no.5:275-283 '60. (MIRA 14:3)
(WEIGHT LIFTING) (ELECTROCARDIOGRAPHY)

FATYUKHA, L.K., assistant

Evaluating the consumption of cold dies and their spare parts.
Izv.vys.ucheb.zav.; mashinostr. no.7/8:207-213 '58.

(MIRA 12:8)

1. Zaporozhskiy mashinostroitel'nyy institut.
(Dies (Metalworking))

AUTHOR: Fatyukha, L.K., Engineer SOV/122-59-3-25/42
TITLE: On the Specialisation and Co-operation in Tool Manufacture
(O spetsializatsii i kooperirovani v proizvodstve instrumenta)
PERIODICAL: Vestnik Mashinostroyeniya, 1959, Nr 3, pp 75-76 (USSR)
ABSTRACT: The importance of expenditure on tooling is emphasised. Specialisation reduces cost. A twist drill of 8.5 mm diameter costs 1.30 roubles at the "Frezer" Works and 4.52 roubles at the "Khar'kov Bicycle Works". In the Khar'kov Economic Administrative Region no specialist tool manufacture exists. Its introduction would save 42 million roubles per annum. The creation of small specialist enterprises (with a turnover of 20 million roubles) is preferable to the specialisation of tool
Card 1/1 shops inside large engineering enterprises.

FATYUKHA, L.K., inzh.

Organizing the management of metal-cutting tools in machinery plants.
Mashinostroitel' no.10:38-39 0 '59. (MIRA 13:2)
(Metal-cutting tools) (Factory management)

FATYUKHA, L.K., inzh.

Degree of mechanization and automation of production processes
at heavy machinery plants. Mekh. i avtom. proizv. 19 no. 10:
43-44 0 '65. (MIRA 18:12)

FATYUBA, I.I.

Method and instrument for the determination of the optimal
spinning axis of bodies with a shaped surface. Stan. i instr.
36 no.7:18-20 J1 '65. (MIRA 18:8)

FATYUKHA, V.K., aspirant

Machining parts with intricate curved surface. Izv. vys. ucheb.
zav.; mashinostr. no. 10:189-193 '65 (MIRA 19:1)

1. Submitted July 19, 1964.

L 22730-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACC NR: AP6002916

SOURCE CODE: UR/0286/65/000/024/0079/0079

18
B

AUTHOR: Fatyukha, V. K.

ORG: none

TITLE: Device for determining the optimum center of rotation of a section of a body with a complicated surface. Class 42, No. 177096

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 79

TOPIC TAGS: mechanical measuring tool, measuring apparatus

ABSTRACT: This Author Certificate presents a ¹⁰device for determining the optimum center of rotation of a section of a body with a complicated surface. The device consists of a multilink pinned mechanism applied to the surface of the part when determining its center of rotation. To find the center of rotation of a body section with any complicated convex external surface, the supports of the device are in the form of sectors with scales, characterizing the dimensions of the instrument. The needle-shaped axis finder is connected to the pivots of the sectors by flexible threads attached to the sectors by tension drums (see Fig. 1).

2

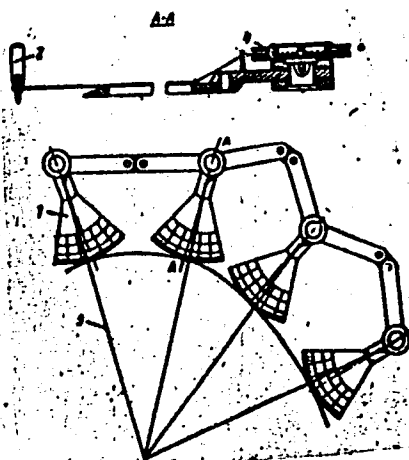
Card 1/2

UDC: 531.717.2.08

L 22730-66

ACC NR: AP6002916

Fig. 1. 1 - Sectors with scales;
2 - axis finder; 3 - flexible
threads; 4 - tension drums.



Orig. art. has: 1 figure.

SUB CODE: 13, 14/ SUBM DATE: 19Apr63

Card 2/2 ULR

ACC NR: AP6013814 SOURCE CODE: UR/0145/65/000/010/0189/0193

AUTHOR: Fatyukha, V. K. (Graduate student) 37
B

ORG: None

TITLE: Machining solids with compound curves

SOURCE: IVUZ. Mashinostroyeniye, no. 10, 1965, 189-193

TOPIC TAGS: machine tool, graphic technique, cutting tool, contact stress

ABSTRACT: The author discusses various graphoanalytic methods for determining the optimum center and axis of rotation for bodies with a complex curved surface machined on profiling machine tools. A method is proposed for estimating the optimum angle of displacement by using a coordinate integral criterion and graphic methods are proposed for determining the optimum center of rotation. It is recommended that in machining with a cylindrical or conic instrument, the approximation of the machined surface is necessary and thus all calculations should be carried out with respect to the approximated surface and contact stresses of the tool. This article was presented for publication by Professor V. S. Levitskiy, Candidate of technical sciences. Orig. art. has: 4 figures, 6 formulas.

SUB CODE: 13/ SUBM DATE: 19Jul64/ ORIG REF: 003.

Card 1/1 *sla* UDC: 621.9.015

FATYUKHIN, A. B.

M

PROCESSES AND PROPERTIES OF METALS

17

Physical Principles of the Cutting of Metals. V. The Relation Between the Depth of Plastic Deformation and Temperature in the Machining of Aluminium. V. I. Kuznetsov and A. B. Fatyukhin (Zhur. Tekhn. Fiziki, 1940, 16, (16), 1343-1349).-- [In Russian.] The depth of plastic deformation

in the free-cutting of aluminium, determined by the recrystallization method at a constant depth of cut and a constant cutting angle, was found to decrease linearly on increasing the temperature from 11° to 200° C. N. A.

AS 15 51 A METALLURGICAL LITERATURE CLASSIFICATION

1204 517 0155

1204 517 0155

1204 517 0155

FATYUKHIN, Mikhail Dmitriyevich, mashinist elektrovoza; VAL'SHTEYN, G.,
redaktor; V'YUSHINA, L., redaktor; OYSTRAKH, V., tekhnicheskiy
redaktor

[Free assignment of locomotives in underground transportation]
Kol'tsevaia esda na podzemnom transporte. Alma-Ata, Kazakhscoe
gos. izd-vo, 1956. 13 p. (MLRA 9:10)

1. Shakhta No.1? imeni Kalinina tresta Leninugol' kombinata
"Karagandaugol'" (for Fatyukhin)
(Nine railroads)

FATYUSHENKO, S.G., inzhener (Moscow)

**Requirements for synchronous motors and for their control and protection schemes. Elektrichestvo no.5:86-87 My '54. (MIRA 7:6)
(Electric motors, Synchronous)**

FATYUSHENKO, S.G., inzhener.

Reconstructing the automatic control system of propeller turbines with
UK speed regulators. Elek.sta. 25 no.5:19-24 My '54. (NERA 7:6)
(Hydraulic turbines)

FATYUSHENKO, S.G., inzhener; PETROV, B.M., inzhener.

Self-synchronisation of hydraulic generators having delayed
application of excitation. Elektrichestvo no.10:66-69 0 '57.
(MLRA 10:9)

1. Gidroenergoprojekt.
(Electric generators)

FATYUSHENKO, S.G.

AUTHOR: Petrov, B.M. and Fatyushenko, S.G., Engineers. 104-2-7/38

TITLE: Self-braking of hydro-alternator sets. (Samotormozheniye gidroagregatov)

PERIODICAL: "Elektricheskie Stantsii" (Power Stations), 1957,
Vol. 28, No.2, pp. 33 - 35 (U.S.S.R.)

ABSTRACT: When self-braking of hydro-alternator sets is used instead of forced air braking there is no need to instal a compressor, compressed air bottles, solenoid valves, pressure relay, speed control relay and other automatic braking equipment and the automatic control of the set can be made simpler and more reliable. Tests on self-braking were carried out in 1954-1955 on sets with rotating blades and on radial-axial turbines both with and without operating turbine shutters. The characteristics of the turbines are tabulated; they are seven in number ranging from 350 to 41 500 kW and from 3 to 100 m head.

Measurements were made of the bearing pad and oil bath temperatures as functions of the generator load and set speed.

Speed curves were taken and the temperatures of the pads, bearings and oil were measured as the sets stopped without artificial braking. The sets were repeatedly started and

Card 1/2 24 hours. The results of the tests are given in the form of

Self-braking of hydro-alternator sets. (Cont.) 104-2-7/38

graphs and a set control circuit is given for automatic control with stopping by the self-braking method.

It is concluded from the tests and from operating experience in a number of power stations extending over more than a year that: hydro-alternator sets with low specific water filtration through the control apparatus relative to the power of the turbine or having operating shutters can be converted to stopping by self-braking; on stopping by self-braking and subsequent starting the pads and bearings operate under conditions of hydro-dynamic lubrication. The thickness of the oil film is sufficient for normal operation of the pads and bearings at low speed; when the set is stopped by emergency operation of the generator differential protection, continuous automatic braking may be applied with air tapped from the oil pressure control vessels.

There are 4 figures.

AVAILABLE:

Card 2/2

FATYUSHENKO, S.G. [Fatiushenko, S.H.], inzh.; SOBOL', V.D., inzh.

Automatization of the Krasnyy-Khutor Hydroelectric Power Station.
Mekh. sil'. hosp. 9 no.10:22-24 0 '58. (MIRA 11:10)
(Krasnyy-Khutor Hydroelectric Power Station)
(Automatic control)

SERGOVANTSEV, V.T., kand.tekhn.nauk; YURASOV, V.V., kand.tekhn.nauk;
ALUKER, Sh.M., kand.tekhn.nauk; ANDRIANOV, V.N., doktor tekhn.
nauk; ASTAF'YEV, N.N., kand.tekhn.nauk; BUDZKO, I.A., akademik;
BYSTRITSKIY, D.N., kand.tekhn.nauk; VEYALIS, B.S., kand.tekhn.
nauk; GIRSHBERG, V.V., inzh.; GORSHKOV, Ye.M., inzh.; GRI-
CHEVSKIY, E.Ya., inzh.; ZAKHARIN, A.G., doktor tekhn.nauk;
ZLATKOVSKIY, A.P., kand.tekhn.nauk; IOSIPIAN, S.G., inzh.;
ITSKOVICH, A.M., dotsent; KAUFMAN, B.M., inzh.; KVITKO, M.N.,
inzh.; KORSHUNOV, A.P., inzh.; LEVIN, M.S., kand.tekhn.nauk;
LOBANOV, V.N., dotsent; LITVINENKO, A.P., inzh.; MERKLEOV,
G.F., inzh.; PIRKHAVKA, P.Ya., kand.tekhn.nauk; PRONNIKOVA,
M.I., kand.tekhn.nauk; SMIRNOV, B.V., kand.tekhn.nauk; FATU-
SHENKO, S.G., inzh.; KHODNEV, V.V., inzh.; SHCHATS, Ye.L.,
kand.tekhn.nauk; EBIN, L.Ye., doktor tekhn.nauk; ENFIN, I.A.,
kand.tekhn.nauk; SILIN, V.S., red.; SMELYANSKIY, V.A., red.;
BALLOD, A.I., tekhn.red.; SMIRNOVA, Ye.A., tekhn.red.

[Handbook pertaining to the production and distribution of
electricity in agriculture] Spravochnik po proizvodstvu i
raspredeleniiu elektricheskoi energii v sel'skom khoziaistve.
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 900 p. (MIRA 13:2)

1.Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
V.I.Lenina (for Budzko).
(Rural electrification)

! 44289-6 T(d)/ENT(1)/ENP(v)/ENP(k)/ENP(h)/EWA(h)/EWI(1) Pf-4, F1-4/ Feb GS
ACCESSION NR: AT5011599 UR/0000/64/000/000/0021/0027

AUTHOR: Fatyushin, V. A., Koskalev, A. I. B+1

TITLE: Development of operational magnetic amplifiers

SOURCE: Vsesoyuznoye soveshchaniye po magnitnym elementam avtomatiki, telemekhaniki, izmeritel'noy i vychislitel'noy tekhniki. Lvov, 1962. Magnitnyye elementy avtomatiki, telemekhaniki, izmeritel'noy i vychislitel'noy tekhniki (Magnetic elements of automatic control, remote control, measurement and computer engineering); trudy soveshchaniya. Kiev, Naukova dumka, 1964, 21-27.

TOPIC TAGS: magnetic amplifier, magnetic amplifier design, amplifier drift, amplifier gain, magnetic control system, magnetic core, silicon rectifier

ABSTRACT: Various systems of automatic control and electronic computers which do not require too fast a response make extensive use of operational magnetic amplifiers. Several specialized circuits result in highly stable amplifiers with a sensitivity threshold of 10^{-14} v or lower. However, such highly stable circuits have an amplification factor lower than standard amplifiers, exhibit quite large inertia, and require specially stabilized power supplies. While multistage magnetic amplifiers help increase the amplification factor (F. I. Kerbnikov,

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L 44289-65

ACCESSION NR: AT5011599

M. A. Rozenblat, Magnitnyye elementy avtomatiki, telemekhaniki, izmeritel'noy i vychislitel'noy tekhniki; trudy soveshchaniya, Kiev, Naukova dumka, 1964, 16-20). It is practically impossible to design a multistage (larger than two) magnetic amplifier circuit with a sufficiently deep feedback. Consequently, the authors discuss the feasibility of satisfactory operational magnetic amplifier design based on ordinary circuits of magnetic DC amplifiers (MDCA) with self-magnetization. An improvement of the zero point stability together with increases in amplification factors may be achieved by utilizing thermally stable magnetic materials and high-quality silicon rectifiers, and choosing optimum magnetic core geometries. While earlier researchers searched for optimum core geometries from the standpoint of minimum size and weight for given heating conditions (see, e.g., M. A. Rozenblat, Avtomatika i telemekhanika, 1958, no. 8), the emphasis is now on an amplifier size which will yield a minimum sensitivity threshold and maximum amplification. The study covers magnetic amplifiers earmarked for operation with low-internal-resistance recording devices, amplifiers for operation with high-internal-resistance devices, and methods for increasing the slope of the input-output characteristic, and presents the results of experimental investigations in these areas. Orig. art. has: 4 formulas, 3 figures, and 3 tables.

Card 2/3

L 44289-00

ACCESSION NR: AX5011599

ASSOCIATION: None

SUBMITTED: 29Sep66

ENGL: 00

SUB CODE: IE,EC

NO REF SOV: 008

OTHER: 001

EP
Card 3/3

ACC NR: AP7001433

(A,N)

SOURCE CODE: UR/0413/66/000/021/0156/0157

INVENTOR: Lipman, R. A.; Fatyushin, V. A.

ORG: none

TITLE: Direct current integrator. Class 42, No. 188144

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 156-157

TOPIC TAGS: integration, direct current, electronic circuit, pulse integrator

ABSTRACT: An Author Certificate has been issued for a d-c integrator (see Fig. 1) which contains an integrating amplifier and a memory device which stores the

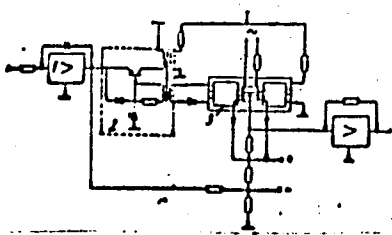


Fig. 1. A direct current integrator

- 1 - Integrating amplifier; 2 - blocking generator;
- 3 - transfluxor.

Card 1/2

UDC: 681.142.07

ACC NR: AP7001433

integrated time-varying input signal at the end of the integrating interval. To increase reliability and to reduce size, the device contains a transfluxor which is controlled by voltage pulses generated by a blocking generator connected to the integrating amplifier output. Orig. art. has: 1 figure. [IV]

SUB CODE: 09/ SUBM DATE: 30Oct65/ ATD PRESS: 5110

Card 2/2

4301

8/194/62/000/010/028/084
A154/A126

9100

AUTHORS: Dařbujan, Jiří, Fau, Jaroslav

TITLE: A multichannel telemetric recording device

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 10, 1962, 75, abstract 10-2-150r (Czech. pat., cl. 42d, 3/10, 74b, 11, no. 98386, February 15, 1961)

TEXT: A patent is granted for a multichannel telemetric recording device with a single servodrive for all measuring systems. A bimetallic relay with an ohmic heater serves as a timer for commutating the measuring systems of the 2-channel device. A switching relay closes the circuit of an electromagnetic clutch and connects a common sensitive relay with the respective bridge measuring circuit. The brush of a compensating potentiometer is connected in series with the sensitive relay into the diagonal of the measuring system. The electromagnetic clutch couples the arm of the potentiometer brush with the servomotor shaft. Depending on the error sign, the sensitive relay closes the circuit of one or another relay determining the direction of rotation of the motor. At the

Card 1/2

A multichannel telemetric recording device

S/194/62/000/010/028/084
A154/A126

end of the measuring time interval, when the voltage has been taken from the electromagnetic clutch, the latter is coupled with the sliding arm of the potentiometer of the second measuring system by the action of a spring. For commutating the measuring systems of the 4-channel device it is proposed to use a collector commutator with a special actuator. To achieve a higher degree of stability, the measuring system has auxiliary resistors, which are disconnected upon balancing of the bridge. The recording curve is almost continuous, since after the bridge has been balanced the potentiometer remains in the same position until the next measurement. There are 4 figures.

A.K.

[Abstracter's note: Complete translation]

Card 2/2

AMBROZY, B.; FAUDROWICZ, A.; JASINSKI, A.; KOWNACKI, J.; LANCMAN, H.; LUDZIEJEWSKI, J.

Measurement of the mean life of the first excited state of Na^{23} .
Acta physica Pol 20 no.7:537-544 '61.

1. Institute of Nuclear Research, Polish Academy of Sciences, Warsaw.

FAUDROWICZ, Adam

Masers in radioastronomy. Postępy astronomii no.1:3-20 '63.

1. Biuro Urzędzeń Techniki Jądowej, Zakład Doswiadczeń, Warszawa.

FAUDROWICZ, Adam

Astronomical observations on high-energy gamma rays. Postepy
astronom 13 no.1:3-12 Ja-Mr '65.

L 13480-66 EWI(m) DIAAP

ACC NR: AP6006881

SOURCE CODE: PO/0046/65/010/008/0513/0516

AUTHOR: Faudrowicz, Adam; Gierdalski, Jerzy

ORG: Department of Experimentation, Bureau of the Office of Nuclear Technology,
Warsaw (Zaklad Doswiadczalny, Biuro Urzadzen Techniki Jadrowej)

TITLE: Some new ideas in application of radioisotopes for measuring thickness and density

SOURCE: Nukleonika, v. 10, no. 8, 1965, 513-516

TOPIC TAGS: radioisotope, radiation detecting device, nuclear physics apparatus

ABSTRACT: A self-compensation system for stabilizing measurements of thickness or density using radioisotopes. Detector gain variation with temperature and voltage is compensated. Orig. art. has: 7 figures and 5 formulas. [NA]

SUB CODE: 18 / SUBM DATE: ---64 / OTH REF: 001 / SOV REF: 001

FAUKNER, R.

" How to Measure Atoms," p. 93.

" World Power Economy," p. 94.

(Matematicko-Prirodovedecke Rozhledy, Vol.32, No.3, 1953, Praha.)

SO: Monthly List of East European Vol.2, No.9
Accessions,/Library of Congress, September 1953, Uncl.

PHASE I BOOK EXPLOITATION

SLOVAK/4287

Faukner, Rudolf

Moderná fyzika (Modern Physics) [Bratislava] Osveta, 1960. 533 p. Errata slip inserted. 3,000 copies printed.

Resp. Ed.: Vratko Šrobár.

PURPOSE: This book is intended for the general reader interested in acquiring a basic understanding of modern physics.

COVERAGE: The author presents the basic laws of physics for readers not equipped with a knowledge of higher mathematics. The book gives special attention to modern theories of physics, which differ from classical concepts, including sections on electromagnetic waves, wave theory, and atomic physics. No personalities are mentioned. There are no references.

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I. FUNDAMENTALS

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L 35269-66

ACC NR: AP6024761

SOURCE CODE: GE/0025/65/008/012/0657/0663

AUTHOR: Faulstich, H. (Professor; Doctor; Engineer; Director)

ORG: Central Institute for Nuclear Research, Rossendorf (Zentralinstitut für Kernforschung)

TITLE: Central Institute for Nuclear Research was founded ten years ago.

SOURCE: Kernenergie, v. 8, no. 12, 1965, 657-663

TOPIC TAGS: research personnel, nuclear research, research facility, scientific organization, ring zone reactor, research reactor, cyclotron/U 120 cyclotron, WWR-S research reactor, RRR ring zone reactor

ABSTRACT: On the occasion of the tenth anniversary of the foundation of the Central Institute for Nuclear Research, the organization, research setup, project plans, facilities, personnel, and outlook of the Institute was discussed. Photographs were presented to illustrate the WWR-S research reactor, the RRR ring-zone reactor with neutron source, the electronic computer center, and the U 120 cyclotron, comprising the major pieces of equipment. Some research projects in progress were discussed in more detail. Orig. art. has: 5 figures. [JPRS: 34,273]

SUB CODE: 18, 05 / SUBM DATE: 01Sep65

Card 1/1

FAUN, E. S., TATARSKAYA, P. I. and KUDRYASHOV, Yu. B.

"Expansion and properties of thiaminization." Biochemistry, Issue 1, pp 229.

FAUR, A., conf.; MARINCA, E., dr.; ORHA, I., dr.

Contribution to the study of some complications of corticotherapy.
Med. intern., Bucur 12 no.12:1883-1838 D '60.

I. Lucrare efectuata in Clinica I medicala, I.M.F. Cluj. director,
adac. A. Moga.

(ADRENAL CORTEX HORMONES toxicology)

(ADRENAL GLAND neoplasms) (ADRENAL CORTEX pathology)

(HYPERTENSION etiology)

FAUR, A., conf.; PITEA, P., dr.

Investigations in lamblasis. Med. intern., Bucur 13 no.1:65-70
Ja '61.

1. Lucrare efectuata in Clinica I medicala I.M.F., Cluj, director:
acad. A. Moga.

(GIARDIASIS physiology) (ADRENAL CORTEX physiology)
(ELECTROLYTES blood) (NERVOUS SYSTEM physiology)
(QUINACRINE pharmacology)

ROMANIA

FAUR, A., Lecturer; RADULESCU, D., MD; SECAREA, V., MD;
DUDEA, C., MD.

Medical Clinic No I, Cluj (Clinica I medicala, Cluj);
Director: Academician Professor A. Moga. - (for all)

Bucharest, Viata Medicala, No 5, 1 Mar 63, pp 289-299.

"Chronic Gastritis."

(4)

FAUR, A., conf.; COFARU, D., dr.; ORHA, I., dr.; MURESAN, I., dr.

Investigations of lipid metabolism in biliary lithiasis and some aspects of the correlations between biliary lithiasis and arteriosclerosis. Med. intern. (Bucur.) 16 no.10:1235-1238 0 '64

1. Lucrare efectuata in Clinica I medicala, Institutul medicofarmaceutic, Cluj (director: acad. A. Moga).

RUMANIA/General Problems of Pathology - Allergy.

U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4078

Author : ^{S.} ~~Faur, A.~~ Pitea, P., Orha, I., Suci, I.

Inet :

Title : Pathophysiological and Therapeutic Studies of Allergic Injuries of the Skin.

Orig Pub : Med. interna. 1958, 10, ch 2, 261-267

Abstract : A change of activity of the vessels was established with the aid of plethysmography in patients with allergic injuries of the skin. Normalization of the vasomotor reaction coincided with clinical improvement following a course of therapy with chlorpromazine.

Card 1/1

- 8 -

EXCERPTA MEDICA Sec 14 Vol 13/9 Radiology Sept 59

1749. NEW POSITIONING FOR UNILATERAL EXAMINATION OF THE INFERIOR ORBITAL FISSURES - Nouvelle incidence unilatérale pour l'examen radiologique des fentes sphéno-maxillaires - Faur A. S. Bucarest - J. RADIOL. ELECTROL. 1958, 39/11 (746-748) Illus. 2

For the simultaneous visualization of both inferior orbital fissures, the projections of Bertell or Blneau are mostly used, but great precision of technique is required. The author demonstrates that unilateral radiological examination may be easier and can give a more correct picture of the inferior fissure, as is known for the already-used Loepp projection. The author describes a new positioning for unilateral examination, which gives an excellent view of the fissure.

Vandevelde - Bourg-Leopold

LETU, N., ing.; POBORAN, V., ing.; NIREAN, C., ing.; FAUR, E., ing.

Study of timbering, choice of optimum section and profile shapes of the working drifts of layer 3 and the reef galleries of the thin layers in the Jiu Valley mines. Pt. 1. Rev min 14 no.4: 145-158 Ap '63.

LETU, N.; TEODORESCU, C.; DIJMARESCU, I.; HIRIAN, C.; FAUR, Elvira

Study of the specific consumption of explosive at the
Barza mine. Rev min 14 no.12:550-556 D'63.

LETU, N., ing.; POBORAN, V., ing.; HIRIAN, C., ing.; FAUR, Elvira, ing.;
VASILESCU, M., ing. ; CONSTANTINESCU, Al.; DUMITRU, M.; BELU, A., fizician

Study on the timbering, choice of the most advantageous section
and the profile shape of the preliminary workings of seam 3 and
of the top drifts of the thin seams in the Jiu Valley mines.
Pt. 2. Rev min 15 no.1:12-21 Ja '64.

1. Institute of Hydrotechnic Research, Bucharest (for Vasilescu,
Constantinescu, Dumitru, Belu).

RUSU, V., dr.; VLADOIANU, I.R., dr.; CIOROIANU, Natalia, dr.; MUSCAN, S.,
dr.; FAUR, G., dr.; POPESCU, P. dr.; BASTON, Ileana; TOTESCU, E.,
dr.; RIVENSON, Melania, dr.

Observations on several vases of salmonellosis rarely found in
our country. Microbiologia (Bucur) 9 no.5:417-424 S-0 '64

1. Lucrare efectuata in Institutul de microbiologie, parazitolo-
gie , epidemiologie "Dr.I. Cantacuzino" in colaborare cu
Inspectiile de Stat pentru igiena si protectia muncii din Iucures-
ti.

FAUR, Gyorgy, okleveles banyamérnök

Investigation of the mining methods of bucket chain dredgers.
Bany lap 96 no.6:369-376 Je '63.

1. Banyaszati Tervezo Intezet, Budapest.

FAUR, I.

Standardization and improvement of the quality of products. p. 1. (STANDARDIZAREA,
Bucuresti, Vol. 7, No. 3, Mar. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

FAUR, I.

Culegere de probleme de fizica. Bucuresti, Editura Tehnica, 1955. 495 p.
(Collection of problems of physics. illus.)
NN Not in DLC

SO: Monthly List of East European Accessions (EMAL) Lc. Vol. 6, No. 8, Aug 19. Uncl.

Faur I.

Rumania/General Problems - Method and Technique of Investigation

A-4

Abst Journal : Referat Zhur - Fizika, No 12, 1956, 33673

Author : Faur, I.

Institution : None

Title : Units for Measuring Pressure. Part I

Original
Periodical : Stadarizarea, 1956, 8, No 4, 26-29, Rumanian;
Russian resume

Abstract : None

Card 1/1

FAUR, I.

FAUR, I. Methods of standardization; proposal for the classification of standards according to their duration test. p. 6.

Vol. 8, No. 9, Sept. 1956.

STANDARIZAREA

TECHNOLOGY

Bucuresti, Rumania

So: East European Accession, Vol. 6, No. 2, Feb. 1957

FAUR, I.

State and factory house standards on packaging. p. 317.
(STANDARIZAREA. Vol. 9, no. 7, July 1957, Rumania)

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

FAUR, S.

Tasks of the actual research in the field of electric energy.

p. 183 (Academia Republicii Populare Romine. Institutul de Energetica. Studii Si Cercetari De Energetica. Vol. 6, no. 3, July/Sept. 1956. Bucuresti, Rumania)

Monthly Index of East European Accessions (MEAI) LC. Vol. 7, no. 2,
February 1958

FAUR, S.; APETREIC D.

Prospects of the development of research work in the Institute of Electric
Power. p. 181

STUDII SI CERCETARI DE ENERGETICA
Bucuresti, Rumania
Vol 9, no. 2, 1959

Monthly list of European Accession Index (EeAI) LC Vol. 8, No. 11
November 1959
Uncl.

FAUR, Sabin, ing.

Welding of the 400 t furnace hearths. Metalurgia Rum 15
no.5:358-362 My '63.

JURCA, Gh., ing.; FAUR, V., ing.

Sewer basin functioning for sterile depositing and clarifying
the water of a preparing installation. Rev min 12 no.7:318-
320 J1 '61.

F.A.U.V., Y.

RUMANIA / Microbiology. Microorganisms Pathogenic to Humans and F-5
Animals.

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90907

Author : ~~Faur, Yvonne~~

Inst : Not givon

Title : Contemporary Status on the Question of Combined Vaccino
against Whooping Cough and Diphthoria

Orig Pub : Microbiol., parazitol. si epidomiol., 1957, 2, No 3,
199-211 (Rumanian)

Abstract : No abstract givon

Card 1/1

MAGHERU, Alice; STERESCU-VOLANSCHI, Margareta; FAUR, Yvona

Modifications of the superior nervous activity in albino rats following the intracerebral inoculation of the endotoxin Bordetella pertussis. Studii cerc fiziol 5 no.1:213-218 '60. (EEAI 9:12)

1. Institutul de fiziologie normale si patologica *Prof. Dr. D.Danielopolu* al Academiei R.P.R.

(WHOOPING COUGH) (BORDETELLA PERTUSSIS)
(TOXINS AND ANTITOXINS) (NERVOUS SYSTEM) (BRAIN)

FAUS, Josef

Solution of the interplanar spacing of a structural crystal lattice of a triclinic system; several algebraic and graphic methods of this solution and application of results also to the other crystal systems. (KEAI 10:9)
Sbor chem tech 4 no.1:7-120 '60.

1. Dalkove studium a katedra mineralogie Vysoke skoly chemicko-technologicke, Praha.

(Crystallography)

FAUS, Josef

Graphic transformation of a general structural lattice into a reciprocal lattice. Sbor chem tech 4 no.1:121-176 '60. (EEAI 10:9)

1. Dalkove studium a katedra mineralogie Vysoke skoly chemicko-technologie, Praha.

(Crystallography)

FAUS, Josef

Nomogram for constructing the interplanar spacing of crystal lattice
of a triclinic system. Sbor chem tech 4 no.1:177-192 '60.
(EEAI 10:9)

1. Dalkove studium a katedra mineralogie Vysoke skoly chemicko-
technologicie, Praha.

(Crystallography)

FAUSEK, L.

A deuteroprism for determining an arc of arbitrary radius without the use of tables and auxiliary calculations. p. 174. (GEODETICKY A KARTOGRAFICKY OBZOR, Vol. 2, No. 9, Sept 1956, Praha, Czechoslovakia)

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

FAUSEK, L.

FAUSEK, L. Improvements, problems and opinions; computing distances from a
parallactic angle without the use of tables. p. 213.

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SCIENCE
Czechoslovakia

So: East European Accession Vol. 6, No. 5, May 1957

FIG. 1.

"Determination of the eccentricity of the ellipse in kilometers."

r.10 (Geodeticheskiy i Kartograficheskiy Zhurnal, Vol. 1, no. 1, Jan. 1978, Leningrad, Gostizdatizdat)

Monthly Index of West European Accession (CMB) 11, Vol. 7, No. 3, 1977

Handwritten: FUSEK
FUSEK, NIKOLAI VIKTOROVICH.

Cherez materiki i okeany. Moskva, Osoaviakhim, 1929. 32 p.
(Biblioteka zhurnaia "Aviatsiia i khimia." No. 3)
Title tr.: Across continents and oceans.

TL515.F3

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

BODZAY, Janos, dr., klinikai vegyesz; FAUST, Fulop, dr.

Electrophoretic apparatus easily manufactured at home. Borgyogy.
vener. szemle 40 no.1:35-38 F '64.

*

DVORSZKY, Kornel, dr.; FAUST, Fulop, dr.

Apropos of the hereditary nature of psoriasis. *Borgyogy vener.*
szemle. 40 no.4:183-184 Ag '64.

1. Pecsí Orvostudományi Egyetem Borgyogyászati Klinika.

DVORSZKY, Kornel, dr.; CSEPLAK, Gyorgy, dr.; FAUST, Fulop, dr.

Differential diagnosis between skin blastomycosis of the gluteus
and lymphogranuloma venereum with delayed symptoms. Orv.hetil.
105 no.1:27-33 5J '64.

1. Pecsí Orvostudományi Egyetem, Bőrgyógyászati Klinika.

FAUSTOV, A. P.
C A

A new way of representing the D. I. Mendeleev system of elements. A. P. Faustov. *Zhur. Obshch. Khim.* 10, 300-8 (1949); *J. Gen. Chem. U.S.S.R.* 10, 310-81 (1949) (Engl. translation).—Each group is divided into 3 subgroups, rather than 2. The first sub-group contains elements whose outermost electron shells are being filled; the second contains those whose next to outermost shells are being filled (Zn, Cd, Hg; Cr, Mo, W; Fe, Ru, Os); the third contains elements in which the third shell from the outside is being filled (Sb, Tm, Pu; Gd, Lu, Cm; Pr, Er, Np). Contradictions in the positions of lanthanides, actinides, and some elements in group VIII are eliminated. Cyrus Pehlman

FAUSTOV, A. S., Cand Med Sci (diss) -- "Experimental investigation of the toxic-hygienic characteristics of certain aromatic hydrocarbons". Voronezh, 1960.
16 pp (Min Health RSFSR, Voronezh State Med Inst), 215 copies (KL, No 14, 1960, 139)

FAUSTOV, A.S.; ZUBRITSKIY, K.V.

Establishing hygienic standards for the concentration of the ethylbenzene, styrene, and nekal complex in the water of reservoirs. Trudy Vor. med. inst. 47:36-37'62 (MIRA 16:12)

1. Kafedra gigiyeny Voronezhskogo meditsinskogo instituta.

TARADIN, Ya.I.; FAUSTOV, A.S.

Use of empirical formulas in establishing maximal permissible concentrations of organic substances in the water of reservoirs. Trudy Vor.med. inst. 47:38-40'62 (MIRA 16:12)

1. Kafedra gigiyeny Voronezhskogo meditsinskogo instituta.

FAUSTOV, A.S.

Some characteristics of chronic intoxication by styrene. Trudy
Vor. med. inst. 47:71-72 '62 (MIRA 16:12)

1. Kafedra gigiyeny Voronezhskogo meditsinskogo instituta.

SOV/127-59-4-4/27

18(3)

AUTHORS: Kandyba, M.I., Candidate of Technical Sciences,
Mutyllo, A.V. and Faustov, G.T., Mining Engineers
(Krivoy Rog)

TITLE: The Development of New Levels in Mines of the
Krivoy Rog Basin. (Podgotovka novykh gorizontov
na shakhtakh Krivorozhskogo basseyna.)

PERIODICAL: Gornyy zhurnal, 1959, Nr 4, pp 28-32 (USSR)

ABSTRACT: Different methods of developing new mining levels
in mines of the Krivoy Rog Basin are described
in this article. As the exploitation of mines
of the region is usually conducted by the method
of coupled levels, the cutting of hauling gal-
leries, drift and cross-drifts must be realized
keeping in mind that they must serve for hauling,
communication and aeration purposes for a very
long period of time (up to 22 years). More-
over, the use of larger trolleys (15-20 tons

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SOV/127-59-4-4/27

The Development of New Levels in Mines of the
Krivoy Rog Basin.

capacity) necessitates larger hauling galleries, more elaborate strengthening and maintenance. The Krivbassproyekt Institute elaborated two methods of development by coupled levels. The first method foresees the cutting of two-way cross-drifts on each level, and the water-pumping installation and a bunker on the base-level. The second method foresees the cutting of cross-drifts on the base level only. The intermediate level is then developed through the blind shaft, and headings are cut from drifts of the base level. Losses caused by ore stamp are largely covered by the economies realized in other capital mining expenditure. Only in the Oktyabr'skaya mine are losses in the output of the Martin ore, larger than the realized economies. The author advises not to apply the above

Card 2/3

SOV/127-59-4-4/27

The Development of New Levels in Mines of the Krivoy Rog
Basin.

methods until an effective and economical method
of caking the crushed Martin ores is found.
There are 3 diagrams, 4 graphs and 1 table.

ASSOCIATION: **NIORI, Krivoy Rog**

Card 3/3

STARIKOV, N.I., gornyy inzh.; FAUSTOV, G.T., gornyy inzh.

Practice of using deep holes in hard rocks in chamber mining
systems. Gor. zhur. no.12:19-26 D '61. (MIRA 15:2)

1. Krivorozhskiy gornorudnyy institut.
(Mining engineering)

ZOLOTAREV, I.I., gornyy inzh.; STARIKOV, N.I., gornyy inzh.;
FAUSTOV, G.T., gornyy inzh.

Working parallel deposits in the Krivoy Rog Basin.
Gor. zhur. no.6:19-23 Je '62. (MIRA 15:11)

1. Rudnik im. XX parts"yezda, Krivorozhskiy basseyn
(for Zolotarev).
2. Krivorozhskiy gornorudnyy institut
(for Starikov, Faustov).
(Krivoy Rog Basin--Iron mines and mining)

MALAKHOV, G.M., prof.; ARSENT'YEV, A.I., dotsent; FAUSTOV, G.T., inzh.

Effect of the time factor and depth of work on the parameters of
the chamber mining system in the "Komintern" mine. *Izv.vys.ucheb.*
zav.; gor.zhur. 7 no.2:23-31 '64. (MIRA 17:3)

1. Krivorozhskiy gornorudnyy institut.

MALAKHOV, G.M., prof., doktor tekhn.nauk; ARSENT'YEV, A.I., kand.tekhn.nauk;
FAUSTOV, G.T., gornyy inzh.

Effect of the length of time spent on mining chambers and the
depth of mining operations on the stability of the ore block
and the hanging wall. Gor.zhur. no.4:27-31 Ap '64. (MIRA 17:4)

1. Krivorozhskiy gornorudnyy institut.

MATAKHOV, G.M., prof.; FAUSTOV, G.T., inzh.

Necessity for a fundamental change in mining systems at certain Krivoy Rog Basin mines. Izv.vys.ucheb.zav., gcr.zhur. 7 no.6:14-18 '64.

(MIRA 17:12)

1. Krivorozhskiy gornorudnyy institut. Rekomendovana kafedroy razrabotki mestorozhdeniy poleznykh iskopayemykh.

DUBININ, V., mekhanizator; PUZEY, Ye., mekhanizator; FAUSTOV, N., mekhanizator;
SHUTENKO, N., mekhanizator; KOGAY, K. mekhanizator; ISABEKOV, I.,
mekhanizator.

Doing more today means having more tomorrow. Sov. profsoiuzy 18 no.
11:13-14 Je '62. (MIRA 15:6)

1. Sovkhoz "Cheklarskiy", Tselinnogo kraya (for Dubinin). 2. Sovkhoz
"Minskiy" Tselinnogo kraya (for Puzey). 3. Sovkhoz "Khar'kovskiy"
Tselinnogo kraya (for Faustov). 4. Sovkhoz "Smirnovskiy"
Tselinnogo kraya (for Shutenko). 5. Sovkhoz "Bozaygirskiy" Tselinnogo
kraya (for Kogay, Isabekov).

(Virgin Territory--Tractors--Repairing) (Socialist competition)