

BOGARDT, A.A.

Theory of meson fields. Part 3. Conservation of the physical quantities.
Zhur. eksp. i teor. fiz. 30 no.2:330-333 F '56. (MLRA 9:12)

1. Dnepropetrovskiy gosudarstvennyy universitet.
(Mesons)

Distr. (E4)

Volumetric method for determination of nickel in catalyst
powders. O. N. Dobrygina and K. G. Boroznina. *Chem. Abstr.*

Czechoslovakia. *Chem. Abstr.* 1977, 96, 120000k.

1. The catalysts are dissolved in 10 ml of 10% NaOH solution.

2. The solution is diluted with distilled water to 100 ml.

3. The solution is treated with 1 ml of 10% NaOH solution.

4. The solution is treated with 1 ml of 10% NaOH solution.

5. The solution is treated with 1 ml of 10% NaOH solution.

6. The solution is treated with 1 ml of 10% NaOH solution.

7. The solution is treated with 1 ml of 10% NaOH solution.

8. The solution is treated with 1 ml of 10% NaOH solution.

9. The solution is treated with 1 ml of 10% NaOH solution.

10. The solution is treated with 1 ml of 10% NaOH solution.

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GOLENDEYEV, V.P.; BOGAREVA, K.G.; BOBKOVA, Ye.I.; DOBRYNINA, O.N.

Effect of the spent catalyst on increased acidity of hydrogenated
fat. Zhur.prikl.khim. 31 no.11:1722-1731 N '58.

(MIRA 12:2)

1. Gor'kovskiy politekhnicheskoy institut.
(Oils and fats) (Hydrogenation) (Catalysts)

BOGAREVA, K.G., insh.

Complexometric determination of iron content in solutions of nickel and copper sulfates produced after regeneration of spent catalysts. Masl.--shir.prom. 25 no.11:44 '59.

(MIRA 13:3)

1. Gor'kovskiy shirovoy kombinat.
(Iron--Analysis) (Nickel sulfate) (Copper sulfate)

BOGARSKIY, Andrey Vladimirovich; SHCHUKIN, V.K.

[Working processes in liquid-fuel jet engines] Rabochie
protsessy v zhidkostno-reaktivnykh dvigateliakh. Moskva,
Gos.izd-vo obr. promyshl., 1953. 424 p. (MIRA 15:8)
(Jet propulsion)

ACC NR: AR6013858 (A, N) JD

SOURCE CODE: UR/0276/65/000/011/0046/0046

AUTHORS: Gerike, L.; Volchkov, Ye.; Lykasov, N.; Bogarsukov, I. 21

TITLE: Department of high accuracy casting with the use of melting patterns, at the Kuznetsk machine construction factory

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 11G360

REF SOURCE: Tr. Mezhotrasl. n.-i. proyektno-tekhmol. in-ta po avtomatiz. i mekhaniz. mashinostr. vyp. 1, 1963, 154-159

TOPIC TAGS: metal casting, machine industry

ABSTRACT: A casting department, designed by the MNIPTMASH institute for producing 1000 tons/year, is described. The project includes three independent sections: a section for producing low temperature melting patterns, application of heat resistant layers, drying of the molds and burning out the patterns; a section for drying, forming, firing, pouring, and removal of the castings; a section for trimming, cleaning, and leaching of the castings. Yearly output per worker will be 1.5 times higher than at the casting department of the Podol'sk mechanical factory and 2.5 times higher than at the existing casting department of the Kuznetsk factory. 4 illustrations. Bibliography of 4 titles. L. Yanovskaya /Translation of abstract/

SUB CODE: 13, 11

Card 1/1 BP

UDC: 621.74.045

30691

S/O20/61/141/002/001/027
C111/C44416.4100
AUTHOR:Bogaryan, O. K.

TITLE:

Convergence of the discrepancy between Bubnov-Galerkin's method and Ritz's method

PERIODICAL:

Akademiya nauk SSSR. Doklady, v. 141, no. 2, 1961, 267-269

TEXT: In the separable Hilbert-space H the linear equation

$$Lu \equiv Au + Ku = f \quad (1)$$

is considered. Let A and B be positive definite self-adjoint operators, $D(A) = D(B)$ and further $D(A) \subset D(K)$. Let $\{\lambda_n\}$ a sequence of positive numbers; $\{\varphi_n\}$ and $\{\psi_n\}$ be sequences of elements of H such that

$$B\varphi_n = \lambda_n \varphi_n + \psi_n, \quad n = 1, 2, \dots$$

Let $\{\varphi_n\}$ be an orthonormal (in the sense of the metric of H) complete system of elements in the space H_B . Let

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Convergence of the discrepancy . . .

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C111/G444

$$1.) \sum_{1,j=1}^n (B\varphi_1, \varphi_j) t_1 \bar{t}_j > \frac{1}{2} \sum_{i=1}^n \lambda_i |t_i|^2 \quad \text{for each } n (n=1,2,\dots)$$

✓

$$2.) \sum_{i=1}^{\infty} \left\{ \frac{\|\Psi_i\|}{\lambda_i} \right\}^2 < \frac{d_1^4}{4 \|AB^{-1}\|^2}$$

d being defined by

$$d_1 \leq \frac{\|u\|_A}{\|u\|_B} \leq d_2, \quad d_1, d_2 > 0 \quad (2)$$

which follows from the suppositions on the operators A and B.

3.) KA^{-1} be completely continuous.

Under the given suppositions it is shown that $\|Lu_n - f\| \rightarrow 0$ holds

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S/O20/61/141/002/001/027
C:111/C444

Convergence of the discrepancy . . .
 for $n \rightarrow \infty$, u_n being approximations of the solution of (1), obtained
 by the Bubnov-Galerkin method with $\{\varphi_n\}$ as coordinate elements.
 If in (1) $K = 0$, then it follows that the discrepancy $Au_n - f$ of the
 Ritz method for $Au = f$, A being a positive definite self-adjoint
 operator and u_n being approximations according to Ritz, also converges
 to zero, if $\{\varphi_n\}$ is the used coordinate system.
 In the separable Hilbert-space H one considers

$$Lu \equiv Au + Ku = f \tag{5}$$

where $D(A)$ is dense in H , $D(A) \subset D(K)$. Let $\{\lambda_n\}$ be a sequence of
 positive numbers $\{\varphi_n\}$ be complete and orthonormal in H , and let

$$A\varphi_n = \lambda_n \varphi_n + \psi_n .$$

Let A^{-1} exist; the operators KA^{-1} and $T_1 v = \sum_{k=1}^{\infty} (v, \varphi_k) \frac{\psi_k}{\lambda_k}$ be

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S/020/61/147/002/001/027
C111/C444

Convergence of the discrepancy . . .

completely continuous in H. Let (5) possess a unique solution. The approximate solutions of (5) are determined by the set-up

$$u_n = \sum_{k=1}^n a_k \varphi_k, \quad a_k \text{ being found out of}$$

$$(Lu_n, \varphi_m) = (f, \varphi_m), \quad m = 1, 2, \dots, n \quad (6).$$

It is shown that (6) uniquely is solvable for sufficiently large n, and that $\|Lu_n - f\| \rightarrow 0$ for $n \rightarrow \infty$.

There are 3 Soviet-bloc and 1 non-Soviet-bloc references.

ASSOCIATION: Vychislitel'nyy tsentr Akademii nauk Arm SSR (Computer Center of the Academy of Sciences Armyanskaya SSSR)

PRESENTED: June 20, 1961, by V. J. Smirnov, Academician

SUBMITTED: June 2, 1961

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BOGARYATSKIY, B.A.

Influence of spiral paths of protons on the Doppler shift of hydrogen lines in the spectrum of the auroras [with summary in English]. Astron. zhur. 35 no.1:101-111 Ja-F '58. (MIRA 11:3)

1. Institut fiziki atmosfery AN SSSR.
(Auroras--Spectra) (Protons)

BOGARYATSKIY, Yu. A., NOSOVA, G. I., TAGUNOVA, T. V.

~~1.~~ 1. On the Nature of Omega-Phase in Quenched Titanium Alloys."

Central Scientific Research Inst. for Ferrous Metallurgy. Radio Street, 23,
Moscow, USSR.

paper submitted for 5th Gen. Assembly, Symposium on Lattice Defects, Intl. Union of
Crystallography, Cambridge U.K. Aug 1960.

HADZHIHASANOVIC, Hakija, inz.; FILIPOVIC, Ibrahim, inz.;
BOGASEVIC, Mladen

Problems and measures of securing necessary capacities for
the production and maintenance of railroad rolling stock.
Zeleznice Jug 19 no. 11: 13-18 N '63.

BOGASHEV, V.D.

Mixing runners with vertically rotating rolls. Standartizat-
sia24 no.7:34-35 JI '60. (MIRA 13:7)
(Mixing machinery--Standards)

COUNTRY :
CATEGORY : Forestry. Biology. Typology. K
ABS. JOUR. : RZhBiol., No. 14 1959, No. 63174
AUTHOR : ~~Pogashova, L. G.~~
INST. : Voronezh State Reservation
TITLE : The Influence of Soil Conditions on the Productivity of Oak Forests of the Voronezh Reservation
ORIG. PUB. : Tr. Voronezhsk. gos. zapovednika, 1957, vyp. 7, 73-81
ABSTRACT : An analysis of the chemical composition of soils under oak forests of varying productivity showed that an increase in quality class was caused by an increase in soil content of accessible N compounds, ash elements, and by an improvement in the water-air cycle. The productivity of stands is increased, in particular, on soils having loamy layers. With an improvement of site conditions, the organic volume of the trees increases and the root systems are more pronouncedly branched and deepened. The productivity of oak also increases in stands containing ash, linden and sharp-leaved maple as associates. Oak forests of all site classes show a positive effect on the soil-forming
Card: 1/2
[A. platanoides L.]

COUNTRY :
CATEGORY : K
ABS. JOUR. : RZhBiol., No. 14 1959, No. 63174
AUTHOR :
EDIT. :
TITLE :
ORIG. PUB. :
ABSTRACT : process, enriching the soil with N and ash elements.
However, in oak forests of site class I this influence
is not large, and in oak forests of class IV, it is
minimal.--I. N. Yelagin

CARD: 2/2

- 12 -

BOGASHOVA, L.G.

Role of root systems of trees in soil formation. Vest. Mosk. un.
Ser. biol., pochv., geol., geog. 12 no.4:105-114 '57. (MIRA 11:5)

1. Kafedra pochvovedeniya Moskovskogo gosudarstvennogo universiteta.
(Forest soils) (Roots (Botany))

BOGASHOVA, L.G.

The soil-improving role of mixed conifer-deciduous plantations.
Nauch.dokl.vys. shkoly; biol.nauki no.1:179-185 '58 (MIRA 11:8)

1. Predstavlena kafedroy pochvovedeniya Moskovskogo gosudarstvennogo
universiteta im. M.V. Lomonosova.
(FOREST SOILS)

BOGASHOVA, L. G.: Master Biol Sci (diss) -- "The effect of pure and mixed plantings on the tree-growing properties of soils". Moscow, 1958. 18 pp (Moscow Order of Lenin and Order of Labor Red Banner State U im M.V. Lomonosov, Soil-Biology Faculty), 110 copies (KL, No 1, 1959, 117)

REMEZOV, N.P. [deceased]; SAMOYLOVA, Ye.M.; SVIRIDOVA, I.K.; BOGASHOVA,
L.G.; Prizimali uchastiye; BYKOVA, I.N.; SHMUROVA, E.M.;
UTENKOVA, A.P.; POYARKOVA, L.A.; BAZILEVICH, N.I.

Dynamics of the interaction of oak forests and soils.
Pochvovedenie no.3:1-14 Mr '64. (MIRA 17:4)

1. Sotrudniki kafedry pochvovedeniya Moskovskogo gosudarstvennogo
universiteta imeni Lomonosova (for Samoylova, Bogashova, Bykova,
Shmurova, Utenkova). 2. Sotrudniki Voronezhskogo zapovednika
(for Poyarkova, Sviridova).

BOGASIERU, St., ing.

Let us know the machines constructed in Rumania. Ind
lemnului 15 no.10;398-401 0 '64.

23692

S/035/51/000/004/022/058
A001/A101

3,1410

AUTHORS: Bogaslavskaya, Ye.Ya., Sosnova, A.K.

TITLE: The application of the electronic digital computer "Strela" to some
astrometric problems

PERIODICAL: Referativnyy zhurnal, *Astronomiya i Geodeziya*, no. 4, 1961, 19, ab-
stract 4A225 ("Tr. 14-y Astrometr. konferentsii SSSR, 1958", Moscow-
Leningrad, AN SSSR, 1960, 182 - 185; French summary)

TEXT: This is a report on application of a "Strela" electronic digital com-
puter to solving the following astrometric problems: determination of positions
of minor planets, calculation of stellar proper motions, processing of meteoric
photographs (see RZhAstr, 1959, no. 10, 8254), and obtaining photographic positions
of Earth's artificial satellites (see RZhAstr, 1960, no. 9, 9147). Calculation
schemes are given for the first two problems. It takes 21 min to calculate a posi-
tion of a minor planet (20 hours for manual calculations); the computer can yield
proper motion of 114 stars in one procedure.

G. T.

[Abstracter's note: Complete translation]

Card 1/1

LUK'YANOV, Nikolay Yakovlevich; BOGATAYA, L.M., red.; SATAROVA, A.M.,
tekhn.red.

[Production lines in butter making; control and operation]
Potochnye linii v maslodellii; regulirovanie i ekspluatatsiia.
Moskva, Pishchepromizdat, 1961. 91 p. (MIRA 15:5)
(Assembly-line methods)
(Creameries---Equipment and supplies)

INIKHOV, Georgiy Sergeyevich, Zasl. deyatel' nauki i tekhniki, doktor
khim. nauk, prof.; BRIO, N.P., retsenzent; SEMENETS, Z.F.,
retsenzent; BOGATAYA, L.M., red.; ZARSHCHIKOVA, L.N., tekhn.
red.

[Biochemistry of milk and milk products] Biokhimiia moloka i mo-
lochrykh produktov. 2. izd. Moskva, Pishchepromizdat, 1962.
287 p. (MIRA 15:12)
(Dairy products—Analysis and examination)

BRIO, Nataliya Petrovna; KONOKOTINA, Nadezhda Petrovna; TIOV Aleksandr Ivanovich; PICHUGINA, N.V., inzh., retsentsent; CHEKULAYEVA, L.V., kand. tekhn. nauk; BOGATAYA, L.M., red.; ZARSHCHIKOVA, L.N., tekhn. red.

[Production and chemical control in the dairy industry] Tekhnokhimicheskii kontrol' v molochnoi promyshlennosti. Moskva, Pishchepromizdat, 1962. 395 p. (MIRA 16:6)

(Milk--Analysis and examination)
(Dairy industry--Quality control)

ZOLOVIN, Yuriy Petrovich; LIPATOV, N.N., kand. tekhn.nauk,
retsenzent; KUZNETSOV, V.I., inzh., retsenzent; KHOLODOV,
V.V., inzh., spets. red.; BOGATAYA, L.M., red.; SATAROVA,
A.M., tekhn. red.

[Circulation cleaning of dairy equipment] TSirkulatsion-
naia molka molochnogo oborudovaniia. Moskva, Pishcheprom-
izdat, 1963. 88 p. (MIRA 16:4)
(Dairy plants--Equipment and supplies)

FEOKISTOV, Aleksandr Mikhaylovich; VASIL'YEVA, Aleksandra Fedorovna;
CHIRKOVA, A.N., retsenzent; BOGATAIA, L.M., red.; KISINA,
Ye.I., tekhn. red.

[Establishing the level of mechanization and automation of
production operations in the dairy industry] Raschet urov-
nia mekhanizatsii i avtomatizatsii proizvodstvennykh pro-
tssessov v molochnoi promyshlennosti. Moskva, Pishcheprom-
izdat, 1963. 26 p. (MIRA 16:6)

(Dairy industry--Equipment and supplies)
(Automation)

GEVORGYAN, B.A.; KATSMAN, Yu.V.; LIMONOV, G.Ye.; SAMKOV, V.S.; KATKOV,
V.P.; VINOGRADOVA, L.V.; MAMYKINA, A.D.; POPOV, G.I.; DOROKHOV,
A.A.; PALEYEV, G.A., inzh., retsenzent; BOGATAYA, L.M., red.;
ZARSHCHIKOVA, L.N., tekhn. red.

[Press method for meat boning and deveining] Obvalka i zhilovka
miasa pressovaniem. [By] B.A.Gevorgian i dr. Moskva, Pishche-
promizdat, 1963. 31 p. (MIRA 16:8)
(Meat industry--Equipment and supplies) (Sausages)

DUDENKOV, Arkadiy Yakovlevich; KIVENKO, S.F., inzh., retsenzent;
BOGDANOV, V.M., doktor tekhn. nauk, retsenzent;
BOGATAYA, L.M., red.

[Receiving and processing milk in primary enterprises]
Priemka i pererabotka moloka na pervichnykh predpriia-
tiakh. Izd. 2., 4^{ap}r. i dop. Moskva, Izd-vo "Fishe-
vaia promyshlennost'," 1964. 119 p. (MIRA 17:6)

NIKOLAYEV, Aleksey Mikhaylovich; MALUSHKO, Vladimir Fedorovich;
GITSIN, I.B., kand. sel'khoz. nauk, retsenzent; DUGATAYA,
L.M., red.

[Technology of cheese] Tekhnologiya syra. 2. izd. Moskva,
Pishchevaia promyshlennost', 1964. 263 p. (MIRA 17:9)

KOSTYGOV, V.V., inzh., red.; TSIREL'SON, N.B., doktor sel'khoz.nauk,
nauchn. red.; ~~SONOVA, E.O., kand. tekhn. nauk, nauchn. red.;~~
KIVENKO, S.F., inzh., nauchn. red.; ~~BAIKIN, ... , kand. sel'-~~
~~khoz. nauk, nauchn. red.;~~ KOCHEVA, N.S., kand. biol. nauk,
red., BOGATAYA, L.N., red.

[Transactions of the 16th International Dairy Congress] Trudy
XVI Mezhdunarodnogo kongressa po molochnomu delu. Pod red. i
s predisl. V.V.Kostygova. Moskva, Pishchepromizdat. No.2.
1963. 434 p. (MIA 17:7)

1. International Dairy Congress. 16th, Copenhagen, 1962.
2. **Predsedatel' Natsional'nogo komiteta SSSR po molochnomu delu** (for Kostygov).

NIKULITSKIY, Ivan Vladimirovich, zasl. zootekhnik RSFSR; SMETNEV,
S.I., akademik, retsenzent; BOGATAYA, L.M., red.

[Metropolitan poultry plant] Stolichnaia ptitsefabrika.
Moskva, Pishchevaia promyshlennost'. 1964. 79 p.
(MIRA 18:1)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk
imeni V.I.Lenina (for Smetnev).

SEMENOV, German Yakovlevich; BOGATAYA, L.M., red.

[Fishing seiners; the technique of fishing and the
handling of fish] Rybolovnye seinery; tekhnika lova
i obrabotka ryby. Moskva, Pishchevaia promyshlennost',
1964. 134 p. (MIRA 18:3)

LINNIKOV,, Nikolay Petrovich [Lynnkov, M.P.]; OSMOLOVSKIY,
Yevgeniy Yakovlevich [Osmolovs'kyi, IE.IA.]; BOGATYY, G.A.
[Bohatyi, H.A., translator]; BOGATAYA, L.M.[Bohataia, L.M.],
red.

[Continuous production of butter; engineering and economic
efficiency] Potochnoe proizvodstvo slivochnogo masla; tekhniko-
ekonomicheskaya effektivnost'. Moskva, Pishchevaia promyshlen-
nost', 1964. 55 p. (MIRA 18:3)

VOLCHKOV, Ivan Ivanovich, kand. tekhn. nauk; LIPATOV, N.N., kand.
tekhn. nauk, retsenzent; BOGATAYA, L.M., red.

[Separators for milk; their design, use, and repair] Se-
paratory dlia moloka; konstruktsiia ekspluatatsiia i re-
mont, 4. izd. Moskva, Pishchevaia promyshlennost', 1965.
205 p. (MIRA 18:6)

BOGATCHEV, I., kand.tekhn.nauk; GORSHKOLEPOV, V.F., inzh.; KANARSKAYA,
L.A., inzh. (Rostov-na-Donu)

Conclusions from a survey of the operations of sections with
centralized traffic control. Zhel.dor.transp. 41 no.7:
57-62 J1 '59. (MIRA 12:12)
(Railroads--Train dispatching)

17(3)

AUTHORS:

Shavlovskiy, G. M., Bogatchuk, A. N.

SOV/20-123-6-33/50

TITLE:

Synthesis of Coproporphyrin by the Yeasts *Candida Guilliermondii* (Sintez koproporfirina drozhzhami *Candida guilliermondii*)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 6, pp 1077 - 1080 (USSR)

ABSTRACT:

The porphyrins, either in combination with metals (iron or manganese) or free, take part in highly important redox reactions of the cells: photosynthesis and respiration. Free porphyrins were found in bacteria, mold fungi and yeast fungi (Refs 1,8). It is mostly coproporphyrin that can be accumulated both in the cells and in the culture medium. The formation of higher amounts of coproporphyrin usually occurs as a consequence of a disturbed synthesis of hematine or of bacteriochlorophyll or as a consequence of an iron deficiency in the culture medium (bacteria) (Ref 7). In yeasts, the insufficient supply of riboflavine to the cells (Ref 10) is said to be the cause of it. The authors prove in their paper that some

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Synthesis of Coproporphyrin by the Yeasts *Candida*
Guilliermondii

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yeast fungi accumulate coproporphyrin in spite of an intense riboflavine synthesis. Thus some other causes for the porphyrin formation than riboflavine deficiency may exist. The yeast species mentioned in the title (ATCC 9058) was cultivated on a sugar-mineral culture medium of Berkgol'der which glycocoll and a sufficient iron quantity. In addition to the disappearance of the cytochromes from the cells a substance which was red fluorescent in ultraviolet rays was accumulated which was determined as coproporphyrin (Refs 6,8). The elimination of glycocoll from the culture medium (Table 1) as well as certain other culture media led to a decrease or even to a stop in the coproporphyrin formation. A subspecies of this yeast species, *C. guilliermondii* var. *membranaefaciens*, further *Saccharomyces ellipsoideus* 465 did not form considerable coproporphyrin amounts under similar conditions (Fig 2). It becomes more and more convincing that the same low-molecular weight precursors, e.g. glycocoll (Refs 7,9), take part in the formation of the prophyrins, of the riboflavine and of vitamin B₁₂ in certain stages of the synthesis. The pheno-

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Synthesis of Coproporphyrin by the Yeasts *Candida*
Guilliermondii

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menon of "porphyria" in microbe-"hypersynthesizers" of these vitamins points, according to the authors' opinion, to an increased lability of the metabolism which is connected with the formation of heterocyclic compounds. *C. guilliermondii* synthesizes considerable quantities of the III isomer of the coproporphyrin. It is accumulated in the vacuole apparatus of the cells. The yeast autolysate stimulates the formation of coproporphyrin. There are 2 tables and 12 references, 1 of which is Soviet.

ASSOCIATION: L'vovskiy gosudarstvennyy universitet im. Iv. Franko (L'vov State University imeni Iv. Franko)

PRESENTED: July 11, 1958, by V. N. Shaposhnikov, Academician

SUBMITTED: July 2, 1958

Card 3/3

SHAVLOVSKIY, G.M.; BOGATCHUK, A.M.

Causes of coproporphyrin accumulation in cultures of the yeast
Candida guilliermondii. Biokhimiia 25 no.6:1043-1048 N-D (60,
(MIRA 14:5)

1. Chair of Plant Physiology and Biochemistry, State University,
Lvov.

(COPROPORPHYRIN) (YEAST)

STANESCU, L.; GOCAN, S.; TERTAN, A.; MOTIU, A.; BOGATEANU, G.;
POP, O.

Study of some semiconductor characteristics of nickel chromite.
Bul stiint polit Cluj no.5:65-74 '62.

TOPCHIASHVILI, Z.A.; BOGATELIZA, A.P.

Transcutaneous cholangiography and surgical roentgenomanometry
in the surgery of the biliary ducts. Khirurgia (Sofia) 18
no.4:390-398 '65.

1. Tsentralen institut za usuvurshenstavane na lekarite,
Sofia.

BOGATENKOV, I.M., inzh.; IVATSIK, Ye.Ye., inzh.; KAPLAN, V.V., kand. tekhn. nauk; KOSTENKO, M.V., doktor tekhn. nauk, prof.; NASHATYR', V.M., kand. tekhn. nauk

Network system for combined tests of magnetic-valve dischargers. Izv. vys. ucheb. zav.; energ. 8 no.8:23-28 Ag '65.

(MIRA 18:9)

1. Leningradskiy politekhnicheskoy institut im. M.I. Kal'nina.
2. Chlen-korrespondent AN SSSR (for Kostenko). Predstavlena kafedroy tekhniki vysokikh napryazheniy Leningradskogo politekhnicheskogo instituta.

BOGATENKOV, I.M., inzh.; IVATSIK, Ye.Ye., inzh.; KAPLAN, V.V., kand.
tekhn. nauk; NASHATYR', V.M., kand. tekhn. nauk

Combined test of magnetic valve-discharges with 6-500 kv.
ratings. Elektrotehnika. 36 no.9:55-57 S '65.

(MIRA 18:9)

L 27274-66 EWT(T)

ACC NR: AP6016875

SOURCE CODE: UR/0281/65/000/006/0078/0093

AUTHOR: Bogatenkov, I. M. (Leningrad); Kaplan, V. V. (Leningrad); Kostenko, M. V. (Leningrad); Nashatyr, V. M. (Leningrad); Yanchus, E. I. (Leningrad)

31
B

ORG: none

TITLE: Testing the commutation capacity of a high voltage apparatus for high-power networks

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 6, 1965, 78-93

29

TOPIC TAGS: circuit breaker, electric power transmission, electric inductance, electric capacitance

ABSTRACT: Results are presented from investigations performed using a network mock-up to synthetically test high-voltage circuit breakers and dischargers to be used in 500-1250 kv power networks. The testing of individual spark-damping elements of breakers is statistically justified. A circuit for combined testing of valve dischargers, including a power system which serves as a source of accompanying current, is analyzed. This system provides full correspondence in current and voltage levels, capacitance and inductance to an actual power network, allowing the breakers to be tested with assurance that the test will correspond to actual operating conditions of the breakers after they are installed in power systems. Orig. art. has: 13 figures. [JPRS]

SUB CODE: 09, 10 / SUBM DATE: 05Jun65

Card 1/1 CC

UDC: 621.316.542.064.241.027.3.001.4: 621.316.933.001.4

2

BOGATENKOV, N.F.; KUROCHKIN, K.T.; UMRIKHIN, P.V.

Bliyanie osnovnosti i vyazkosti shlakov na ikh
vodorodpronitsaemosty.

report submitted for the 5th Physical Chemical Conference on
Steel Production.

MOSCOW

30 JUN 1959

BOGATENKOV, P.; KARZHAUBAYEV, Kh.; YAKOVLEVA, V.N., red.; OYSTRAKH, V.G.,
tekhn.red.

[Railroad of friendship] Doroga druzhby. Alma-Ata, Kazakhskoe
gos.izd-vo, 1958. 60 p. (MIRA 12:5)
(Railroads) (China--Railroads)

AUTHORS: Bogatenkov, V. F., Umrikhin, P. V., Kurochkin, K. T. SOV/163-58-1-7/53

TITLE: The Hydrogen Permeability of Liquid Basic Slags
(Vodorodpronitsayemost' zhidkikh osnovnykh shlakov)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Metallurgiya, 1958,
Nr 1, pp 31-36 (USSR)

ABSTRACT: In the present paper the results of investigations on the hydrogen permeability in slags, in relation to their chemical composition are given. The hydrogen permeability of the slags is influenced by the chemical composition of the slags and by their physical properties. The chemical composition of the slags investigated was divided into 4 groups, and the basicity of the slags was represented by the ratio $\frac{\text{CaO}}{\text{SiO}_2}$. The basicity of the first group of slags varies between 0,87 - 3,40, the basicity of the second group from 2,12 - 2,20, the basicity of the third group from 2,20 - 2,25 and that of the fourth group from 2,20 - 2,25.

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It was found that the hydrogen permeability of the slags

The Hydrogen Permeability of Liquid Basic Slags

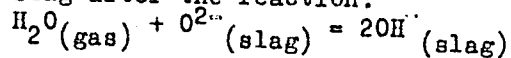
SOV/163-58-1-7/53

depends on the content of MnO, FeO and MgO. This dependence was also graphically shown.

The viscosity of the slags increases abruptly according to their increase in basicity.

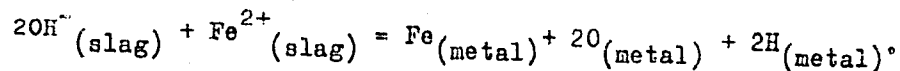
The process of the transition of hydrogen through the layer of the liquid slag is divided into three stages:

- 1) The transition of the hydrogen from the gas phase to the slag after the reaction:



- 2) The diffusion of the hydroxyl ion through the layer of the slag metal.

- 3) The transition of the hydrogen from the slag in the metal after the reaction:



When the content of FeO, MnO and MgO is increased in the slag the binding energy of O^{2-} in the molten slag increases, which decreases the activity; in consequence of this the first stage takes place more slowly. The higher content of FeO in the slag decreases the activity of O^{2-} and the hydrogen

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The Hydrogen Permeability of Liquid Basic Slags

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permeability of the slag to a greater extent than MnO. When the MgO content in the slag is increased the viscosity of the slag is increased. An increase in the MgO content of the slag causes a very sharp decrease in the hydrogen permeability of the slag. There are 3 figures, 2 tables, and 4 references, 4 of which are Soviet.

ASSOCIATION: Ural'skiy politekhnicheskiy institut
(Ural Polytechnical Institute)

SUBMITTED: October 7, 1957

Card 3/3

~~BOGATENKOV, V.F.~~, inzh.; KUROCHKIN, K.T., dots., kand.tekhn.nauk;
UMRIKHIN, P.V., prof., doktor tekhn.nauk

Water permeability of basic slags. Izv.vys.ucheb.zav.; chern.met.
no.8:13-20 Ag '58. (MIRA 11:11)

1. Ural'skiy politekhnicheskiy institut.
(Slag--Permeability) (Steel--Hydrogen content)

SHTENGEI'MEYER, S.V., inzh.; BOGATENKOV, V.F., inzh.

Viscosity of open-hearth furnace slags. Izv.vys.ucheb.zav.; chern.met.
no.11:23-28 N '58. (MIRA 12:1)

1. Institut metallurgii Ural'skogo filiala AN SSSR, Ural'skiy politekhnicheskiy institut. Rekomendovano kafedroy metallurgii stali Ural'skogo politekhnicheskogo instituta.
(Open-hearth furnaces) (Slag--Testing) (Viscosity)

BOGATENKOV, V. F., Candidate Tech Sci (diss) -- "Investigation of the water permeability of basic open-hearth slag". Sverdlovsk, 1959. 14 pp (Min Higher Educ USSR, Ural Polytech Inst im S. M. Kirov), 150 copies (KL, No 25, 1959, 132)

KUROCHKIN, K.T., kand.tekhn.nauk, dots.; UMRIKHIN, P.V., doktor tekhn.
nauk, prof.; BOGATENKOV, V.F., inzh.; BUTAKOV, D.K., kand.
tekhn.nauk, dots.; BAUM, B.A., inzh.

Answer to N.S.Mikhailets. Izv.vys.ucheb.zav.; chern.met.
2 no.7:147-151 J1 '59. (MIRA 13:2)

1. Ural'skiy politekhnicheskii institut.
(Metals--Hydrogen content)

BOGATENKOV, V.F., inzh.; UMRIKHIN, P.V., doktor tekhn.nauk prof. ;
KUROCHKIN, K.T., kand, tekhn.nauk

Water permeability of liquid basic slags. Trudy Ural.politekh.
inst. no.75:20-25 '59. (MIRA 13:4)
(Slag) (Steel--Hydrogen content)

BOGATENKOV, V. F.

S/133/60/000/007/004/016

AUTHORS: Kolosov, M.I., Candidate of Technical Sciences; Stroganov, A. I., Candidate of Technical Sciences; Keyz, N.V., Engineer; Bogatenkov, V.F., Candidate of Technical Sciences; Vainshteyn, O.Ya., Engineer; Danilov, A.M., Engineer; Zverev, B.F., Engineer; Antropova, N.G., Engineer; Khryunkina, V. A., Engineer

TITLE: The Use of Silicochrome When Smelting Steel in Open Hearth Furnaces

PERIODICAL: Stal', 1960, No. 7, pp. 607 - 608

TEXT: In the Chelyabinskiy metallurgicheskiy zavod (Chelyabinsk Metallurgical Plant) and in the Zlatoustovskiy metallurgicheskiy zavod (Zlatoustovsk Metallurgical Plant) in melting low-carbon chrome steels: 18XГТ (18 KhGT), 17XH2 (17KhN2), 20XH (20KhN), 12 - 20XH3A (12-20Kh2N3A), 12-20X2H4A (12-20Kh2N4A) and medium carbon chrome-containing steels: 35-45XH (35-45KhN), 33-37XC (33-37KhS), 30-35XГСА (30-35KhGSA), 30XГТ (30KhGT) five types of silicochrome were applied having the following Cr, Si and C content (in %):

Silicochrome	12 - 20	40 - 50
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The Use of Silicochrome When Smelting Steel in Open Hearth Furnaces

Cr	49 - 56	29 - 39
Si	15 - 19	40 - 54
C	2.75 - 4.50	0.12 - 0.20

When using 12 - 20 type silicochrome 7 - 20 kg/t were added, whereas of the 40 - 50 type silicochrome about 4.5 kg/t (in the ChMZ) and about 2.3 kg/t (in the ZMZ) and for 30 - 35 KhGSA 6.5 kg/t were added. When applying silicochrome, steels of the required composition could be produced without any difficulty and the duration of the preliminary deoxidation could be reduced by 5 - 9 min in both plants, (i.e., by 0.3 - 1.5% of the melting time). The amount of chrome, manganese and silicon scale is practically the same as for the conventional method (in Zlatoustovsk: Cr 18%, Mn 20%, Si 32%, in Chelyabinsk: Cr 19%, Mn 25%, Si 38%). The lower amount of chrome scale in the ZMZ can be explained by the higher residual chrome content of the metal before deoxidation: 0.13 - 0.31% as compared to the values obtained in the ChMZ : 0.06 - 0.13%. In order to obtain an optimum economical effect, when melting medium-carbon-chrome steel, the amount of 20 type silicochrome should be 11 - 13 kg/t in the ChMZ and 8.5 - 9.5 kg/t in the ZMZ and the silicon used in conventional melting be replaced by blast-furnace ferrosilicon. When

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S/133/60/000/007/004/016

The Use of Silicochrome When Smelting Steel in Open Hearth Furnaces

melting low-carbon steels, 12 - 13 kg silicochrome per ton should be used when the chrome content of the steel is below 0.9% and 15 - 17 kg of silicochrome per ton when it is above 0.9%. The use of silicochrome of the 40 and 50 types is economical only in the melting process of low-carbon steels. The holding time of the bath after adding 20 type silicochrome, when melting steels of a chrome content below 0.9% is only 15 - 20 min and for steels with a chrome content above 0.9% it is 20 - 30 min, on account of the decrease in weight of cold additives in the furnace (15 - 20 kg/t) and a more rapid absorption of silicochrome as compared to ferrochrome. The initial cost of steel when using silicochrome in the melting process was decreased in both plants by a total of 2 - 2.5 million roubles per annum, from 2 roubles/ton for the 40Kh type steel to 20.4 roubles/ton for the 20Kh type steel in Chelyabinsk and from 1.1 rouble/ton for the 30KhSA type steel up to 12.6 roubles/ton for 20Kh steel in Zlatoustovsk. There is 1 table. ✓

ASSOCIATIONS: Chelyabinskiy nauchno-issledovatel'skiy institut metallurgii (Chelyabinsk Scientific Research Institute of Metallurgy); Chelyabinskiy, Zlatoustovskiy metallurgicheskie zavody (Chelyabinsk and Zlatoustovsk Metallurgical Plants)

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BOGATENKOV, V. F.

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PHASE I BOOK EXPLOITATION SOV/5411

Konferentsiya po fiziko-khimicheskim osnovam proizvodstva stali. 5th, Moscow, 1959.

Fiziko-khimicheskiye osnovy proizvodstva stali; trudy konferentsii (Physicochemical Bases of Steel Making; Transactions of the Fifth Conference on the Physicochemical Bases of Steelmaking) Moscow, Metallurgizdat, 1961. 512 p. Errata slip inserted. 3,700 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut metallurgii imeni A. A. Baykova.

Responsible Ed.: A. M. Samarin, Corresponding Member, Academy of Sciences USSR; Ed. of Publishing House: Ya. D. Rozentsveyg. Tech. Ed.: V. V. Mikhaylova.

Card 1/18

Physicochemical Bases of (Cont.)

SOV/5411

PURPOSE: This collection of articles is intended for engineers and technicians of metallurgical and machine-building plants, senior students of schools of higher education, staff members of design bureaus and planning institutes, and scientific research workers.

COVERAGE: The collection contains reports presented at the fifth annual convention devoted to the review of the physicochemical bases of the steelmaking process. These reports deal with problems of the mechanism and kinetics of reactions taking place in the molten metal in steelmaking furnaces. The following are also discussed: problems involved in the production of alloyed steel, the structure of the ingot, the mechanism of solidification, and the converter steelmaking process. The articles contain conclusions drawn from the results of experimental studies, and are accompanied by references of which most are Soviet.

Card 2/16

Physicochemical Bases of (Cont.)

SOV/5411

Bogatenkov, V. F., K. T. Kurochkin, and P. V. Umrikhin. Investigating the Permeability of Basic Open-Hearth Slag to Hydrogen 195

Grigor'yev, V. P., A. F. Vishkarev, B. G. Korolev, Ye. V. Abrosimov, and V. I. Yavoyskiy. Effect of Phosphorus and Manganese on the Surface Tension of Ferrocarbon Alloys 204

Khitrik, S. I., and Ye. I. Kadinov. Reducing Chromium Losses in Making Stainless Steel With the Use of Oxygen [Blast] 213

[The following persons participated in the research work: A. V. Rabinovich, Yu. V. Chepelenko, V. P. Frantsov, I. P. Zabaluyev, V. F. Smolyakov, P. V. Demidov, M. M. Dovgiy, T. M. Bobkov, Ye. I. Moshkevich, A. M. Neygovzen, T. F. Olenich, K. P. Gunaza, B. I. Zlatkina, and Yu. A. Nefedov.]

PART II. CONVERTER PROCESSES

Baptizmanskiy, V. I. Certain Problems of the Mechanism and

Card 9/16

BOGATENKOV, V.F.; VAYNSHTEYN, O.Ya.; ZVEREV, B.F.; KOLOSOV, M.I.; LUBENETS,
I.A.; MOROZOV, A.N.; POVOLOTSKIY, D.Ya.; STROGANOV, A.I.

Desiliconization of open-hearth pig iron in the mixer. Izv. vys.
ucheb. zav.; chern. met. 4 no.8:32-36 '61. (MIRA 14:9)

1. Chelyabinskiy metallurgicheskiy zavod, Chelyabinskiy nauchno-
issledovatel'skiy institut metallurgii i Chelyabinskiy politekhnich-
eskiy institut.

(Cast iron--Metallurgy)

BOGATENKOV, V.F.; VAYNSHTEYN, O.Ya.; ZVEREV, B.F.; FIRSOV, S.G.

Improving the method of phosphorus removal during steel smelting.
Metallurg 6 no.11:11-13 N '61. (MIRA 14:11)

1. Chelyabinskiy metallurgicheskiy zavod i Chelyabinskiy
nauchno-issledovatel'skiy institut metallurgii.
(Steel--Metallurgy)

S/133/61/000/006/006/017
A054/A129

AUTHOR: Bogatenkov, V. F.

TITLE:1 News in brief

PERIODICAL: Stal',²¹ no. 6, 1961, 518

TEXT: In the Chelyabinskiy nauchno-issledovatel'skiy institut metallurgii (Chelyabinsk Scientific Research Institute of Metallurgy) in cooperation with the Chelyabinskiy metallurgicheskiy zavod (Chelyabinsk Metallurgical Plant) the application of oxygen and a steam-oxygen mixture in the open-hearth furnace process was investigated. The silicon content of the pig-iron could be removed in a mixer with a capacity of 1,300 tons and having a fireclay vault by means of a steam-oxygen mixture. No brown smoke developed during the process. When the mixture was blown through 40 tons of pig-iron with an initial silicon content of 0.96% and a manganese content of 0.86% for 4 hours and 30 minutes, 0.34% silicon and 0.23% manganese were burnt out. The oxygen consumption increased from 500 to 1,900 m³/hour, steam consumption from 550 to 1,300 kg/hour. The water-cooled single-jet tuyères were immersed in the pig-iron to a depth of 200 - 300 mm. The duration of numerous experimental smeltings in a 370-ton

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News in brief

S/133/61/000/006/006/017
A054/A129

furnace, blowing 1,000 - 1,200 m³/hour of industrial oxygen into the bath by both tuyères, was 40 - 60 minutes shorter than the usual smelting time. Oxygen-blowing was started when the last ladle of pig-iron was poured and lasted until the end of smelting. The specific fuel consumption decreased by 6%. ✓

Card 2/2

KOLOSOV, M.I., kand.tekhn.nauk; STROGANOV, A.I., kand.tekhn.nauk; KEYS,
N.V., inzh.; BOGATENKOV, V.F., kand.tekhn.nauk; VAYNSHTEYN, O.Ya.,
inzh.; DANILOV, A.M., inzh.; ZVEREV, B.F., inzh.; ANTROPOVA, N.G.,
inzh.; KHRYUKINA, V.A., inzh.

Use of silicon-chromium in open-hearth smelting of steel, *Stal* 20
no. 7:607-608 J1 '61. (MIRA 14:5)

1. Chelyabinskiy nauchno-issledovatel'skiy institut metallurgii;
Chelyabinskiy i Zlatoustovskiy metallurgicheskiye zavody.
(Steel—Metallurgy) (Silicon-chromium alloys)

S/133/62/000/007/007/014
A054/A127

AUTHORS: Smirnov, Yu.D.; Bogatenkov, V.F.

TITLE: At the Chelyabinskiy nauchno-issledovatel'skiy institut metallurgii
(Chelyabinsk Scientific Research Institute of Metallurgy)

PERIODICAL: Stal', no. 7, 1962, 620 - 621

TEXT: In cooperation with the Chelyabinskiy metallurgicheskiy zavod (Chelyabinsk Metallurgical Plant) and Chelyabinskiy politekhnicheskiy institut (Chelyabinsk Polytechnic Institute) the conditions were studied of blowing oxygen into open-hearth furnace baths through tuyeres in the crown with 6 orifices during smelting. When oxygen was blown through in amounts of 5.8 - 7.4 m³/ton, at a rate of 1,000 - 1,200 m³/h, the smelting time was reduced by 45 - 49 min, the specific fuel consumption by 4.7 - 9.2%, the total specific oxygen consumption by 1.2 - 4.5 m³/ton. The hourly output of the furnace increased by 6.2 - 9%. ✓

Card 1/1

STROGANOV, A.I., kand.tekhn.nauk; BOGATENKOV, V.F., kand.tekhn.nauk;
KOLOSOV, M.I., kand.tekhn.nauk; ZVEREV, B.F., inzh.; DAVIDYUK,
V.N., inzh.; POPOV, R.V., tehnik

Heat balance of the riser head of an ingot. Stal' 22 no.1:27-29
Ja '62. (MIRA 14:12)

(Steel ingots) (Heat--Transmission)

KOPYRIN, I.A.; RANNEV, G.G.; SMIRNOV, Yu.D.; CHERNOV, G.I.;
BOGATENKOV, V.F.; BOKOV, I.I.; TSIPUNOV, A.G.; RISPEL', K.N.;
~~AGARKOVA, N.A.; DAYKER, A.L.~~

Research by the Chelyabinsk Metallurgical Research Institute.
Stal' 22 no.7:604,620-621,667,670 JI '62. (MIRA 15:7)
(Metallurgical research)

BOGATENKOV, V.F.; VAINSTEIN, O.I. [Vavnshteyn, O. Ya.]; ZVEREV, B.F.; KOLOSOV,
M. I.; LUBENET, I. A. [Lubenets, I.A.]; MOROZOV, A. N.; POVOLOTKY, D.I.
[Povolotskiy, D.Ya.]; STROGANOV, A.I.

Desilicification of Martin iron in mixers. Analele metalurgie 16 no.1:
21-27 Ja-Mr '62.

BOBKOV, V.I., inzh.; BOGATENKOV, V.P., inzh.

Efficient organization of the repair of the OMKT mechanized units.
Ugol' 40 no.2:46-48 F '65. (MIRA 18:4)

1. Mosbassgiprogormash.

SAPARGALIYEV, G.S., kand. yurid.nauk; PAL'GOV, N.N., akad.; BOGATYREV, A.S.;
AFANAS'YEV, A.V., prof.; BYKOV, B.A.; SHAKHMATOV, V.F., kand. istor.
nauk; POKROVSKIY, S.N., akad.; SAVOS'KO, V.K., kand. istor. nauk;
NUSUPBEKOV, A.N., kand. istor. nauk; BAISHEV, S.B., akad.; GOROKH-
VODATSKIY, I.S., kand. istor. nauk; AKHMETOV, A., kand. istor. nauk;
RAKHIMOV, A., kand. istor. nauk; PIVEN', N.F.; CHULANOV, G.Ch., doktor
ekonom. nauk; BOROVSKIY, V.A., kand. ekonom. nauk; SYDYKOV, A.S., kand.
pedagog. nauk; ZHANGEL'DIN, T., kand. filos. nauk; KARASAYEV, L.K.;
KANAPIN, A.K., kand. istor. nauk; BELENOV, M.D., kand. ekonom. nauk;
KARYNBAYEV, S.R., kand. med. nauk; AKHMETOV, K.A.,; SMIRNOVA, N.S.,
doktor filolog.nauk; SIL'CHENKO, M.S., doktor filolog. nauk; YERZA-
KOVICH, B.G., kand. iskusstvovedcheskikh nauk; RYBAKOVA, N.; MUKHTA-
ROV, A.I.; BOGATENKOVA, L.I.; KUNDAKBAYEV, B.; SIRANOV, K.S.; SHVYD-
KO, Z.A., red.; MAMTSOVA, L.B., red.; ZLOBIN, M.V., tekhn. red.

[The Soviet Kazakh Socialist Republic] Kazakhskaya Sovetskaya So-
tsialisticheskaya Respublika. Alma-Ata, Kazakhskoe gos. izd-vo,
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1. Akademiya nauk Kaz.SSR (for Pal'gov, Pokrovskiy, Baishev)
2. Chlen-korrespondent Akademii nauk KazSSR (for Bykov, Smirnova,
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(Kazakhstan)

BOGATEV, K., d-r inzh.

Stability problem in the Kuybyshev-Moscow electric transmission system. Tekhnika Bulg 2 no.1:3-8 Ja '53.

BOGATEV, K.

Determining the computed electric power of industrial enterprises. p. 13.

REKHNKA. Vol. 4, no. 5, June/July 1955

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

BOGATEV, K.

Computing the dynamic stability by taking under consideration the influence of the damper winding. p. 83.

GODISHNIK. Mashinno-elektrotekhnicheski institut. Sofia, Bulgaria, Vol. 4, no. 1, 1957 (published 1958).

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UNCL

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For efficient work in the electric installations in many-storied dwelling
buildings. p. 14
Tekhnika Vol. 7, No. 5, 1958. Sofia, Bulgaria.

Monthly Index of East European Accessions (EMAI) LC, Vol. 7, No. 10,
Oct. 58

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"Possibility of symplifying the computation of the dynamic stability of complex electric systems."

ELEKTROENERGIJA, Sofiia, Bulgaria, Vol. 10, no. 3, Mar. 1959.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, ^{Sept.} Jun 59,
Unclas

BOGATEV, K.Y., kand.tekhn.nauk, dotsent

Calculation of the dynamic stability with consideration of
damper windings, speed governors, and excitation regulators.
Elektrichestvo no.7:31-34 J1 '61. (MIRA 14:9)

1. Mashinno-elektrotekhnicheskij institut, Sofiya.
(Electric controllers)

BOGATEV, K., dots. inzh.; ZHIVKOV, D., inzh.; ZHELEV, Iv., inzh.

Computing the dynamic stability of a complex electric system
with the aid of static electric model. Elektroenergiia 13 no.1:
3-8 Ja '62.

BOGATEV, Kiril, dots. inzh.; ZHELEV, Ivan, inzh.; ZHIVKOV, Doncho, inzh.

Results of the computation of the dynamic stability of our
electric system with the aid of the electric static model of our
Electric-Power Administration. Elektroenergiia 13 no.2:6-8 F '62.

VASILEV, N., inzh.; BOGATEV, K., dots.; DZHONOVA, E., inzh.

Experimental studies of the influence of environment
temperature on the working of fluorescent lamps.
Elektroenergiia 14 no.11:5-9 N'63.

VASILEV, N. I.; BOGATEV, K. I.; MARINOV, IU. P.; DZHONOVA, E. A.

A device for automatic switching on of street lighting depending on the level of the natural horizontal illumination and the exterior temperature. Godishnik mash elekt 12 no. 2:5-18 '62 [publ. '63].

BOGATEV, K.I.

Analytic method of determining the ultimate stress and the influence of compensators on resistance. Godishnik mash elekt 13 no.2:161-166 '63 [publ. '64]

BCGATEV, K., dots.; GENKOV, N., inzh.; DEIANOV, D., inzh.; IVANOVA, Ek.,
inzh.; DOICHINOVA, V., inzh.; MINEV, Iv., inzh.; BOIADZHIEV, H.

Electric installations in buildings made with elements of
one-room volume, Elektroenergiia 15 no.1:8-11 Ja'64.

BOGATEV, Kiril, dots. k.t.n.

Purpose and tasks of the Commission on Lighting. Elektroenergija
15 no.12:25-26 D '64.

BOGATEV, K.I.

Dynamic stability of a synchronous aggregate equipped with the isodrome turbine regulator. Godishnik mash elekt 7 no.2:19-30 '60. (publ. '61).

LYANDO, A.M.; BOGATEYEV, Sh.A.

First textbook on the finance of telecommunication. Vest. svyazi
24 no.12:31-32 D '64 (MIRA 18:2)

1. Zaveduyushchiy kafedroy Kazanskogo finansovo-ekonomicheskogo
instituta (for Lyando). 2. Nachal'nik planovo-finansovogo otdela
upravleniya svyazi Tatarskoy ASSR (for Bogateyev).

BOGATH, Lajos

Efficiency wage system of truck drivers and some experience in its application. Kozleked kozl 21 no.3:50-53 17 Ja '65.

1. General Directorate of Automotive Transportation of the Ministry of Transportation and Postal Affairs, Budapest.

BOGATTI, D.

"Development of Production and Mechanization." p. 530 (Gep. Vol. 5, no. 12,
Dec. 1953. Budapest.)

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BOGATI, D.

Special Committee for Reports and Innovations of the Scientific Association of the
Machine Industry. p. 258
Vol 7, no. 7, July 1955. GEP. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

BOGATI, D.

Special innovations and reports committee of the Scientific Association
of the Machine Industry. p. 288. JARISUVIK NELOGALDASAGI GAFIK.
Budapest. Vol. 2, no. 9, Sept. 1955.

SOURCE: East European Accessions List (EEAL) LC, Vol. 5, no.2, Feb. 1956.

BOGATI, D.

BOGATI, D. - Report on the 1956 Leipzig Fair. II . p. 263
Vol. 8, no. 7, July 1956
GEP - Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4 - April 1957

BOGATI, D.

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