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Shlema Moiseyevich, kand. tekhn. nauk; DVINYANDIOV, Vistor
Nikolayevich, st. prepodavatel'; ZAYTSEV, Pavel Alekseyevich,
inzh.; LOPATIN, Anton Venediktovich, dots.; ORLOV, Nikolay
Mikhaylovich, inzh.; STRATANOVICH, Nikolay Nikolayevich, inzh.;
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Prokop'yevich, dots., kand. tekhn. nauk; RAYKHLIN, Zaliman
Tanfilovich, st. prepodavatel'; BELOV, Aleksandr Yemel'novich,
dots.; RESHETNIKOV, N.S., dotsent, retsenzent; BABUSHKIN, I.N.,
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        tekhn. red.

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        beskonechnykh. Red. perevoda, vstup. stat'ia i primechaniia
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                        (Calculus)

PHASE I BOOK EXP

Gokhman, Yeliazar Khaimovich

Integral Stil't'yesa i yego prilozheniya (The Stieltjes
   Integral and Its Application) Moscow. Gos. izd-vo fiziko-
   matmaticheskoy lit-ry 1958.   171 p. 5,000 copies printed.

Ed.: Tsvetkov, A.T.; Tech. Ed.   Tumarkina, N.A

PURPOSE: This book is intended for mathematicians and advanced
   students of mathematics. The purpose of the book is to give
   an accurate and compact, but still complete exposition of the
   theory of the Stieltjes Integral, and to present certain
   applications of the Stieltjes Integral, especially in the
   probability theory.

COVERAGE: A definition of the Stieltjes integral is given,
   based on the concept of the limit according to S. Shatunovskiy.

Card 1/5

The Stieltjes Integral and Its Application

The basic properties and criteria on the existence of the
Stieltjes integral are studied. A comparison of this
definition with the classical one is made. The author arrives
at the conclusion that the new definition is more general and
in some respects more convenient. The integral $\int f dg$,
where g is a real-valued function of a bounded variation and
f a bounded function, is analysed. Its properties presented
and sufficient criteria for the existence of an integral
established. Fundamentals of Fourier series are given and
Fourier and Fourier-Stieltjes integrals are defined. The
passage to limit and differentiation under Stieltjes integral
sign is carried out. In connection with the application of
the Stieltjes integral, particularly to the probability theory,
the concept of Lebesgue-Stieltjes integrals is introduced and
fundamentals from the measure theory are given. In the last
chapter, the author follows the ideas of Academician A.N.
Kolmogorov on the theory of probability. There are no refer-
ences.

Card 2/5

The Stieltjes Integral and Its Application   с3)

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Function of a Bounded Variation   92
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         integral
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Card 5/5

GOKHMAN, Ye. V.

PA 12/49T57

USSR/Engineering   Sep 48
    Refractories
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"The Production of Refractories in India," D. S.
Vatchagandi and Ye. V. Gokhman, ½ p

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Lists refractories now manufactured in India.
(D. S. Vatchagandi, "Iron and Steel," 1947).

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ARUTYUNOV, Nikolay Bagratovich; GORELIK, Iosif Grigor'yevich; GOKHMAN,Yelena
Vladimirovna; SHUKHGAL'TER, L.Ya., redaktor; PINEGIN, I.I., redaktor
izdatel'stva; SVENSON, I.M., tekhnicheskiy redaktor

[Ferrous metallurgy of capitalist countries] Chernaia metallurgiia
kapitalisticheskikh stran. Moskva, Gos. nauchno-tekhn. izd-vo
lit-ry po chernoi i tsvetnoi metallurgii. Pt.1. [Technical and
economic survey] Tekhniko-ekonomicheskii obzor. 1956. 632 p.
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tekhnicheskikh nauk; GOKHMAN, Ye.V.,kandidat ekonomicheskikh nauk;
YABLONSKAYA, L.V.,redaktor izdatel'stva; ATTOPOVICH, M.K.,
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[Ferrous metallurgy of capitalist countries] Chernaia metallurgiia
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lit-ry po chernoi i tsvetnoi metallurgii. Pt. 2. [Preparation of ore
for smelters and blast furnaces] Podgotovka rud k plavke i domennoye
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KUSHENSKIY, K.S., inzh., laureat Stalinskoy premii; VERIGO, K.N., inzh.;
ROSSMIT, A.F., inzh.: GOKHMAN, Ye.V., kand.ekon.nauk; ABRAMOV, V.S.,
kand.tekhn.nauk; SOSEDOV, O.O., otv.red.; PARTSEVSKIY, V.N., otv.
red.; NURMUKHAMEDOVA, V.F., red.izd-va; BOLDYREVA, Z.A., tekhn.red.

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spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi
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red.

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manual] Chernaia metallurgiia kapitalisticheskikh stran;
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130-9-4/21

AUTHOR: Gokhman, Yu. I.

TITLE: A High-Temperature Cowper Stove. (Vysokotemperaturnyy vozdukhonagrevatel')

PERIODICAL: Metallurg, 1957, Nr 9, pp.8-10 (USSR)

ABSTRACT: Calculations have shown that of three possible methods (higher combustion temperatures, higher waste-gas temperature and increased heating surface) the first is the most promising and the author considers ways of putting this into effect. Russian-made 45-46% alumina brick is considered suitable for the highest temperature regions, and an 8-12% addition of coke-oven gas to the blast-furnace gas to raise combustion temperature is indicated. Calculated operating parameters are listed, showing a blast temperature of 1250°C falling by 240°C in the course of the 1.0-hour "on air" period (19 hours "on gas"). The dome is hemispherical and well insulated. The combustion chamber is slightly inclined towards the checkers thus reducing dome wear. Improved combustion-chamber design and gas-mixture ignition are provided for and a special arrangement of checker and wall bricks is envisaged.

Card 1/2

LEONIDOV, N.K.; GOKHMAN, Yu.I.

Use of liquid and pulverized fuel in blast furnaces abroad. Biul.tekh.-
ekon.inform.Gos.nauch.-issl.inst.nauch. i tekh.inform. no.7:86-88 '62.
(MIRA 15:7)

(Blast furnaces)

LEONIDOV, N.K., GOKHMAN, Yu.I., TARASOV, B.Ye,

Effectiveness of blowing various reagents into a blast furnace.
Stal' M. no.7 584-587 Jl '65. (MIRA 18:)

1. Gosudarstvennyy soyuznyy institut po proyektirovaniyu metallur-
gicheskikh zavodov.

ZAYEV, Petr Petrovich, prof.; ZHEZMEL', Aleksandr Aleksandrovich,
        prof.; KOROTKOV, Aleksandr Aleksandrovich, dots.;
        FEDOSEYEVA, Marianna Petrovna, dots.; BELOVA, Zoya
        Vasil'yevna, prepodavatel'; GOKHMAN, L.M., red.;
        BARANOVA, L.G., tekhn. red.

        [General agriculture and soil science] Obshchee zemledelie
        s pochvovedeniem. [By] P.P. Zayev i dr. Moskva, Sel'khoziz-
        dat, 1963. 620 p.   (MIRA 17:1)

        1. Anapskiy sel'skokhozyaystvennyy tekhnikum (for Belova).

TALOY, L.A.; VESHOV, T.I.; PEHLEN, ..., ...

[Transition to the executive planting of certified seed potatoes] Perekhod na sploshnye sortovye poseyy kartofelia. Leningrad, Izd-vo "Kolos," 1964. 103 p.   (MIRA 17:6)

DOROSINSKIY, L.M., kand. biol. nauk, red.; GOKHMER, L.M., red.

[Role of micro-organisms in soil fertility and the in-
crease of the effectiveness of fertilizers] Rol' mikro-
organizmov v plodorodii pochv i povyshenii effektivnosti
udobrenii. Leningrad, Izd-vo "Kolos," 1964. 126 p.
(MIRA 17:7)

GONCHAROV, Boris Prokof'yevich, kand. biol. nauk; NIKIFOROV, Oleg
Aleksandrovich, kand. biol. nauk; GOKHMER, L.M., red.

[Green forage in winter] Zelenyi korm zimoi. Leningrad,
Izd-vo "Kolos," 1964. 70 p.   (MIRA 17:5)

IARIN, Ivan Vasil'_ vich, prof.; GOFENER, L.T., red.

[Moscow utilization and parture transverant] automotive
[parstslehar c moscialetva. Ind..., proft. eqp. Le-
uingrad, Ira-vo "Nalar," 1964. 313 p.   (Sal. 172-1

... particular'ny etien tr-spunay tracorll .t'anr avv-
cyks.vaulyat was at. L.....nira (r- nip.

GOKHSHTEYN, A., insh.; ZELNOV, b., insh.

Determining the permissible speeds of vessels in canals. Rech. transp.
24 no.8:41-43 '65.   (MIRA 18:9)

1. TSentral'nyy nauchno-issledovatel'skiy institut ekonomiki i
ekspluatatsii vodnogo transporta.

AUTHORS: Gokhshteyn, A. Ya., Gokhshteyn, Ya. P.   SOV/20-123-4-57/67

TITLE: The Investigation of Films on a Mercury Electrode (Issledovaniye
              plenok na rtutnom elektrode)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 123, Nr 4,
              pp. 823 - 826 (USSR)

ABSTRACT: The following method is, apart from the determination of
              capacitance (Ref's 1,2,4) and of surface tension useful for the
              investigation of films on anodes and cathodes. The electrolyzer
              with the solution to be examined is wired into an ordinary
              polarographic circuit. If the potential of the dropshaped
              mercury electrode in the circuit is kept constant discreet
              changes of amperage take place in the circuit. Amperage quickly
              increases to a certain value, after which it slowly decreases
              to zero. The ranges of potential in which this effect occurs
              and the form and intensity of the pulse differ in the case of
              different substances. In some solutions there are no pulses at
              all, and in others pulses occur within range of the anode or
              within range of the anode and cathode. The potentials of
Card 1/3   vanishing and occurring differ, and in both cases the change

The Investigation of Films on a Mercury Electrode   SCV/2o-12o-4-37/67

takes place with a certain lag. The good reproducibility of
measurements speaks for a statistical law governing the de-
struction of the film, which is always valid. The processes which
take place in different solutions seem, with respect to time,
to continue in the same way. The current pulses are due to
the formation of a film on the growing mercury drop. This film
becomes deformed and bursts after having reached the point of
critical tension. A simplified method, which is discussed in
short, makes it possible qualitatively to explain the change
(with respect to time) of the amplitude and frequency of the
current pulses. An expression is derived for the time dependence
of amperage i(t). The measurements satisfactorily prove the
proportionality between the initial concentration C_o and the

maximum amperage in the current pulse for concentrations below
0,1 N. The authors render their thanks to A.N.Frumkin, Member, Academy
of Sciences, USSR, for his assistance. There are 3 figures,
1 table, and 6 references, 2 of which are Soviet.

Card 2/3

The Investigation of Films on a Mercury Electrode   SCV/20-120-4-37/67

PRESENTED: February 1, 1958, by A.N. Frumkin, Member, Academy of Sciences,
              USSR

SUBMITTED: January 22, 1958

              1. Mercury films--Analysis   2. Mercury films--Properties
              3. Mercury electrodes--Polarographic analysis

Card 3/3

AUTHORS: Gokhshteyn, A. Ya, and r..vorev, V. L.

TITLE: A Method of Measuring the Thickness of Latex   lopes
           (Metod izmereniya tolsheniny latekanykh obolo. .A)

PERIODICAL: Kauchuk i rezina, 19.., Nr , pp 47-4. (USSR)

ABSTRACT: A device is described and illustrated for measuring
          latex films in the range 0.005 to 0.2 mm thickness,
          with an accuracy of 0.0005 mm in the lower range. The
          latex film is held between a permalloy disc and core
          which is surrounded by two coils. The lower coil is
          fed with a sinusoidal current at a c.p.s., with 0.2 ma.
          amplitude.   The amplitude of the current induced in
          the upper coil is measured and is inversely proportional
          to the resistance in the magnetic circuit. The thickness
          of the film δ can be calculated from the relationship:

$$R = \frac{\ell}{\mu S} + \frac{\delta}{\mu_0 S_0}$$

          where L, S and δ   are constants. The magnetic
          permeability of the film μ_0 is close to that of air
          and can be considered constant.   The current amplitude
Card 1/3 in the upper coil is measured by a oscilloscope.

A Method of Measuring the Thickness of Inter a Film

        The signal in the lower coil can be produced by a pre-
resonant stabilized oscillator, or for measurement of
very thin films, by a solenoid stabilized of the type of 7
oscillator itself. The phase lead circuit is shown in
Fig. 2. There are a great number (400) of turns in each
coil. Fig. 3 shows the relation between the thread of
the ray L and the film thickness δ (in microns).
The 20 mm diameter disc can be inserted into balloons
and moved to any desired measuring position. A sketch
shows results of tests on a balloon initially 30 mm dia.
at various stages of inflation where the extension of the
material is increased to 450%. Wall thickness is
measured at 10 points. The scatter between points
persists as the balloon is inflated and becomes
considerable at maximum dilation, and it is found that
the local wall thickness is frequently considerably less
than the average thickness predicted by calculation. For
a balloon with an initial nominal wall thickness of
160 microns, the minimum local wall thickness was found

Card 2/3   to be 3.5 microns and that an average a balance wall

SOV/138-59-2-14/24

A Method of Measuring the Thickness of Latex Envelopes

thickness of 6,8 at 450% extension.
There are 4 figures and 1 table.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovykh i
lat'eksnykh izdeliy (Scientific-Research Institute for Rubber
and Latex Products)

Card 3/3

5(4),5(2)

AUTHOR: Gokhshteyn, A. Ya.   SOV/75-14-4-19/30

TITLE: On the Exact Determination of the Peak Potential in
           Oscillographic Polarography

PERIODICAL: Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 4, pp 485-486
             (USSR)

ABSTRACT: In the analysis of solutions by means of oscillographic polaro-
           graphy the potential and the height of the peak of the diffusion
           current are measured. The peak potential depends on the nature of
           the ion concerned, the height is proportional to the concentration
           of the ion. Simultaneously with the electrochemical reaction the
           charging of an electric double layer on the electrode takes place.
           Correspondingly the current is proportional to the velocity of
           the change in potential and attains a considerable height. Also
           the presence of several substances, which participate in the
           electrochemical reaction, makes the determination by oscillo-
           graphic polarography rather difficult. As a rule, other currents
           i_b add themselves to the diffusion current i_d, causing that the

Card 1/3   total current i in the chain is determined by the equation

On the Exact Determination of the Peak Potential in   SOV/75-14-4-19/30
Oscillographic Polarography

$$i = i_d + i_b \quad (1),$$ (Refs 1, 2). The differentiation of (1) in the

maximum of the voltage curve results in $\frac{di}{dE} = \frac{di_b}{dE}$ (2)

(E... electrode potential). Therefore it is advisable to modify
the conventional method of measurement in which the peak
potential of the total current and those of the diffusion current
are put equal. The principle of the new measuring method is that
the peak potential is assumed to be that point at which the
curves of the total current and those of the background current
have the same inclination. By this method the error in the
determination can be eliminated, which in practice often exceeds
10 mv. For determining the actual peak potential on the
oscillogram the curves of the total current and those of the
background current are combined in one. From this the actual
values of the current and the potential can be readily estimated,
by subtracting the background current from the total current.

Card 2/3

On the Exact Determination of the Peak Potential in   SCV/75-14-4-19/30
Oscillographic Polarography

    This subtraction can be directly made also in the electrical
    measuring scale of the polarograph. The author showed that the
    conventional measuring bridge the scheme of which is illustrated
    in the paper, is not suitable for this method. There are
    3 figures and 2 Soviet references.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh
    izdeliy, Moskva (Scientific Research Institute for Rubber and
    Latex Products, Moscow)

SUBMITTED: May 5, 1958

Card 3/3

5.4600
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5(4)

66181

AUTHORS: Gokhshteyn, Ya. P., Gokhshteyn, A. Ya.   SOV/20-128-5-35/67

TITLE: Consecutive Electrochemical Reactions in Oscillographic
                Polarography

ABSTRACT: By determining quantitative relationships between consecutive
                current waves and the constants of reactions proceeding in various
                stages the kinetics of the latter may be investigated. The authors
                investigated such relationships for the ionic reaction
                $n_{ip}\theta + \sigma_i \rightleftharpoons \sigma_p$ (σ = Ion, i,p = 1,2....n). $n_{ip} = z_i - z_p$ is the
                number of electrons reacting in one stage $\left(n_{ip} = -n_{pi}\right)$. A system
                of conditions at the boundary between the electrode and the
                solution is set up, and $\varphi_i(t)$, the equation for the course of the
                polarographic current, is deduced. The resultant relationships
                were practically applied to the reduction of Nb^{5+} in 23-n sulphuric
                acid, the development of which has not been explained as yet.
Card 1/2   Figure 1 shows the oscillogram, figure 2 the currents computed

66181

Consecutive Electrochemical Reactions in Oscillographic   S07/20-128-5-35/67
Polarography

for the two-stage reduction $Nb^{5+} - Nb^{4+} - Nb^{3+}$. The height of the
current waves is proportional to the square root of the velocity
of potential variation. The experimental data are in good
agreement with the theoretical relationships. There are 3 figures,
1 table, and 5 references, 4 of which are Soviet.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V.I. Vernadskogo
Akademii nauk SSSR (Institute of Geochemistry and Analytical
Chemistry imeni V.I. Vernadskiy of the Academy of Sciences, USSR)

PRESENTED: June 1, 1959 by A.N. Frumkin, Academician

SUBMITTED: April 16, 1959

Card 2/2

GOKHSHTEYN, Ya.P.; GOKHSHTEYN, A.Ya.

Oscillographic polarography. Equation for the descending
branch of the polarographic wave and for its approximation.
Zhur.fiz.khim. 34 no.7:1654-1657 Jl '60.
(MIRA 13:7)

1. Akademiya nauk SSSR, Institut geokhimii i analiticheskoy
khimii im. V.I.Vernadskogo.
              (Polarography)

GOKHSHT..., A.Ya.

Theory of I - t curves in the reduction of anions ... drop electro e
in the presence of c...ly : ... or;tion. Dokl. A..... 137 no.2:345-
343 Mr '61.   (.. A 14:3)

1. Institut elektrokhimii AN SS... Predstavleno akademiko: A.N.
Frumkin.
                    (..duction, Electrolytic)

GOKHSHTEYN, A.Ya.

Theory of autooscillations in passivation-free electrochemical systems with a falling characteristic. Dokl. AN SSSR 140 no.5:1114-1117 0 '61.   (MIRA 14:10)

1. Institut elektrokhimii AN SSSR. Predstavleno akademikom A.N. Frumkinym.
                              (Electrochemistry)

GOKHSHTEYN, A.Ya.; GOKHSHTEYN, Ya.P.

New oscillographic polarographs. Vest. AN SSSR   32   no.5:90-95
My '62.   (MIRA 15:5)
                                  (Polarograph)

GOKHSHTEYN, A.Ya.; GOKHSHTEYN, Ya.P.

Device for automatic reproduction and removal of stationary drop electrodes. Zhur. fiz. khim. 36 no.3:651-655 Mr '62.

(MIRA 17:2)

1. Institut elektrokhimii AN SSSR i Institut geokhimii i analiticheskoy khimii imeni Vernadskogo AN SSSR.

GOKHSHTEYN, A.Ya.; FRUMKIN, A.N., akademik

Study of self-oscillations in passivation-free systems by means
of a solid electrode. Dokl.AN SSSR 144 no.4:821-324 Je '62.
(MIRA 15:5)

1. Institut elektrokhimii AN SSSR.
(Electrolyte solutions)

GOKHSHTEYN, A.I.

"Origin of Self-oscillations in Passivation-free Electrolytic Systems."

Report presented at the 14th meeting CITCE, Intl. Comm. of
Electrochemical Thermodynamics and Kinetics, Moscow, 19-25
Aug 63.

Institute of Electrochemistry, Academy of Sciences of U.S.S.R., Moscow,
U.S.S.R.

GOKHSHTEYN, A.Y.a

Self-oscillation frequency in electrolytic systems. Dokl. AN SSSR
148 no.1:136-139 Ja '63.   (MIRA 16:2)

1. Institut elektrokhimii AN SSSR. Predstavleno akademikom
A.N. Frumkinym.
            (Electrolyte solutions)   (Oscillations)

GOKHSHTEYN, A.Ya.

Stability of stationary states of electrolytic systems. Dokl. AN
SSSR 149 no.4:880-883 Ap '63.   (MIRA 16:3)

1. Institut elektrokhimii AN SSSR. Predstavleno akademikom
A.N.Frumkinym.
              (Electrolysis) (Chemistry, Physical and theoretical)

GOKHSHTEYN, A.Y.

Liquid iodine as a product of anodic oxidation of iodide, Elektrokhimiia
1 no.8:906-909 Ag '65.   (MIRA 18:9)

1. Institut elektrokh'mii AN SSSR.

GOKHSHTEIN, A.Yu.

Deposition of the iodine phase at the anode. Elektrokhimiia
1 no.3:285-291 Mr '65.   (MIRA 18:12)

1. Institut elektrokhimii AN SSSR.

GOREHTSYN, A. A.

   translation of ... ... p. 2052-2057
  S '65.   (RZhA 18/10)

   1. ... ... AN USSR.

PRONTARSKIY, A.F., kandidat tekhnicheskikh nauk; GOKHSHTEYN, B.Ya.,
        kandidat tekhnicheskikh nauk, redaktor.

        Equipment used in automatic electric traction substations.
        Trudy TSNII MPS 68:6-169 '52. [Microfilm]   (MIRA 7:10)
            (Electric railroads--Substations)

ZAKHARCHENKO, D.D,dotsent, kandidat tekhnicheskikh nauk; ISAYEV, I.P.,
dotsent, kandidat tekhnicheskikh nauk; KALININ, V.K.,inzhener;
KREST'YANOV, M.Ye.,dotsent, kandidat tekhnicheskikh nauk;
LAKSHTOVSKIY, I.A.,dotsent, kandidat tekhnicheskikh nauk;
MARKVARDT, K.G.,professor, doktor tekhnicheskikh nauk; MEDEL', V.B.,
professor, doktor tekhnicheskikh nauk; MIRONOV, K.A.,inzhener;
MIKHAYLOV, N.M.,dotsent, kandidat tekhnicheskikh nauk; NAKHODKIN, M.D.,
dotsent, kandidat tekhnicheskikh nauk; OZEMBLOVSKIY, Ch.S.,
inzhener; OSIPOV, S.I.,inzhener; ROMASHKOV, S.G.,inzhener; SOKOLOV,
L.S.,inzhener; FAMINSKIY, G.V.,kandidat tekhnicheskikh nauk;
SHATSILLO, A.A.,inzhener; SHLYAKHTO, P.N.,dotsent, kandidat
tekhnicheskikh nauk; BOVE, Ye.G.,kandidat tekhnicheskikh nauk, retsenzent;
PERTSOVSKIY, L.M.,inzhener, retsenzent; ALEKSEYEV, A.Ye.,professor,
doktor tekhnicheskikh nauk, retsenzent; BATALOV, N.M.,inzhener,
retsenzent; VINBERG, B.N.,inzhener, retsenzent; GRACHEVA, L.O.,
kandidat tekhnicheskikh nauk, retsenzent; YEVDOKIMOV, A.M.,
inzhener, retsenzent; KALININ, S.S.,inzhener, retsenzent;
TRAKHTMAN, L.M.,kandidat tekhnicheskikh nauk,retsenzent;
PYLENKOV, A.P.,inzhener, retsenzent; GOKHSHTEIN, B.Ya.,kandidat
tekhnicheskikh nauk, retsenzent; IL'IN, I.P.,inzhener, retsenzent;
NAKHODKIN, M.D.,dotsent, kandidat tekhnicheskikh nauk, retsenzent;
TISHCHENKO, A.I.,otvetstvennyy redaktor; BENESHEVICH, I.I.,
kandidat tekhnicheskikh nauk, redaktor; ZOROKHOVICH, A.Ye.,dotsent
kandidat tekhnicheskikh nauk, redaktor; LUTSENKO, Ye.G.,inzhener,
redaktor; ROGOZHIN, A.P.,inzhener, redaktor; SIDOROV, N.I.,
inzhener, redaktor; VERINA, G.P.,tekhnicheskiy redaktor

ZAKHARCHENKO, D.D.---(continued)   Card 2.

[Technical manual for railroad workers] Tekhnicheskii
spravochnik zheleznodorozhnika. Red. kollegiia R.G. Granovskii
i dr. Moskva, Gos. transp. zhel-dor. izd-vo. Vol. 9.[Electric
railroad rolling stock] Elektropodvizhnoi sostav zheleznykh
dorog. Otv. red. toma A.I. Tishchenko. 1957. 652 p. (MLRA 10:4)

1. Chlen-korrespondent Akademii nauk SSSR. (for Alekseyev)
        (Electric railroads--Rolling stock)

GOKHSHTEYN, B.Ya., kand. tekhn. nauk; REBRIK, B.N., kand. tekhn. nauk;
LAPIN, V.B., inzh.; KARYAKIN, R.N., inzh.

First electrified section operating on alternating current.
Elek. i tepl. tiaga no.1:8-10 '57.   (MIRA 12:3)
                    (Electric railroads)

GOKHSHTEYN, B.Ya., kand.tokhn.nauk; TIKHMENEV, B.N., inzh.

Electric design characteristics of electric traction power-supply
equipment used in rectifier electric locomotive. Trudy TSNII MPS
no.156:5-32 '58.   (MIRA 11:8)
              (Electric locomotives) (Mercury-arc rectifiers)

GOKHSHTEYN, B.Ya., kand. tekhn. nauk; LAPIN, V.P., inzh.; TIKHMENEV, B.N.,
        inzh.

        Operational characteristics of electric power supply equipment
        of a.c. electric railroads. Trudy TSNII MPS no.170:5-43 '59.
                                                     (MIRA 12:7)
        (Electric railroads--Substations--Equipment and supplies)

GOKHSHTEYN, B.Ya., kand. tekhn. nauk

Determining the capacity of a. c. traction substation transformers.
Trudy TSNII MPS no.170:44-57 '59.   (MIRA 12:7)
(Electric railroads—Substations—Equipment and supplies)
(Electric transformers)

GOKHSHTEYN, B. Ya., kand.tekhn.nauk; LAPIN, V.B., inzh.

Features of parellel operation of a.c. traction substation networks.
Trudy TSNII MPS no.201:5-16 '60.   (MIRA 14:3)
(Electric railroads—Substations)
(Electric power distribution)

.RAKOV, Vitaliy Aleksandrovich; GOKHSHTEYN, B.Ya., kand. tekhn. nauk, re-
tsenzent; KRYLOV, V.I., inzh., retsenzent; LOZANOVSKII, A.L., inzh.,
retsenzent; NAKHODKIN, M.D., kand. tekhn. nauk, retsenzent; NEVEZHIN,
P.P., inzh., retsenzent; TARASOV, G.F., inzh., retsenzent; TIKHMENEV,
B.N., doktor tekhn. nauk, retsenzent; SAZONOV. I.A., inzh., retsenzent;
SUKHODOL'SKIY, P.I., inzh., retsenzent; KRYLOV, S.K., inzh. red.; DANI-
LOV, L.K., red. izd-va; SOKOLOVA, T.F., tekhn. red.

[A.C. electric locomotives] Elektrovozy peremennogo toka. Moskva,
Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 531 p.
(MIRA 14:10)

(Electric locomotives)