KISELEV, I.I.; BORISOV, N.I.; YASINOVSKIY, B.S., inzh.; SANNIKOV, Yu.K., inzh.;
SOKOLOV, V.A., inzh.; LEVCHENKO, L.D., inzh.; NALOYEV, G.A., inzh.;
CHICHAKOV, K.K., inzh.; BARYKIN, V.I., inzh.; FREYDLIN, A.Ya., inzh.
GULYAYEV, A.I., inzh.; STIGNEYEV, Ya.F., inzh.; SHAGANOVA, K.N., inzh.;
KHELIMSKIY, I.Ye., inzh.; AVROV, A.N., inzh.; DEMIDOVA, M.I., inzh.;
NIKIFOROVA, Ye.D., inzh.; KLIBANOVA, F.I., inzh.; CHIVKUNOV, K.I.,
inzh.; STOROZHKO, I.G., inzh.; NOVAKOVSKIY, Ye.Ya., inzh.; GOYKHTUL',
A.O., inzh.; TARASOV, A.M., inzh.; SHISHKO, A.P., inzh.; UVAROV,
P.T., ekonomist; DRAGUNOV, M.V., ekonomist; KARANDASHOV, A.A.,
ekonomist; KONKIN, M.V., ekonomist; GOREV, M.S., ekonomist. Pri-
nimali uchastiye: LAPIN, T.I.; RAMENSKIY, Yu.A.; KADINSKIY, B.A.;
SOKOLOV, S.D.; STOROZHKO, I.G.; FOMINYKH, A.I.. POLYAKOVA, N.,
red.; SMIRNOV, G., tekhn.red.

[Organization and improvement of production; practices of the
Gorkiy Automobile Plant] Organizatsiia i sovershenstvovanie
proizvodstva; opyt Gor'kovskogo avtozavoda. Moskva, Gos. izd-vo
polit. lit-ry, 1958. 332 p.   (MIRA 12:2)

1. Direktor Gor'kovskogo avtomobil'nogo zavoda (for Kiselev).
2. Glavnyy inzhener Gor'kovskogo avtomobil'nogo zavoda (for Borisov).
3. Gor'kovskiy avtomobil'nyy zavod (for all except Kiselev, Borisov,
Polyakova, Smirnov).
                    (Gorkiy--Automobile industry)

KADYKEY, O.

Payrolls

Pay schedule is a form of operative planning of financial institutions. Den. i kred, 11 no. 5, 1952

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

KADINSKIY, O.

Let us study more profoundly the economics and finance of enter-
prises. Den. i kred. 12 no.5:43-47 N'54.   (MIRA 8:2)
        (Banks and banking)(Industrial management)

KADINSKIY, O.

Effectiveness of credit for new equipment. Den.i kred. 14 no.10:
32-36 O '56.   (MIRA 9:11)
    (Credit) (Industry--Finance)

KADINSKIY, O.

Establishing accurate standards for industrial working capital.
Den.i kred. 15 no.6:25-30 Je '57.   (MIRA 10:7)
                        (Russia--Industries)

REVYAKIN, N.; PAVLENKO, G.; KADINSKIY, O.

Business and employees of the State Bank. Den. i kred. 18 no.10:25-35 O '60. (MIRA 13:10)

1. Krymskaya oblastnaya kontora Gosbanka (for Revyakin). 2. Kiyevskaya oblastnaya kontora Gosbanka (for Pavlenko). 3. Starshiy inspektor Leningradskoy gorodskoy kontory Gosbanka (for Kadinskiy).
(Banks and banking) (Bank employees)

KADIROV, N. B.

"Problem Concerning Leakages Through Labyrinth Compression".
Tr. Azerbaydzh. industr. in-ta, No 7, pp 114-129, 1954

A more exact formula is derived for determining the quantity of gas
leakage through labyrinths, applicable for any occurring drops in pressure
in separate stages of the labyrinth.   (RZhMekh, No 8 1955)

SO: Sum No 812, 6 Feb 1956

KADIROV, N.B., dotsent.

Effective graphic method for plotting a working diagram on the
basis of a developed indicator diagram. Trudy Azerb. ind.inst.no.8:
123-130 '54.   (Heat engines) (Machinery, Kinematics of)(MLRA 9:10)

SOV/124-57-3-3212

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 82 (USSR)

AUTHOR: Kadirov, N. B.

TITLE: A Method of Checking the Design Computations of Heat Exchangers
            (Metodika poverochnogo rascheta teploobmennykh apparatov)

PERIODICAL: Tr. Azerb. industr. in-ta, 1955, Nr 11, pp 119-131

ABSTRACT: The article deals with the question of rational methods for checking
          the design computations of tubular heat exchangers; the checking
          procedure is regarded as a problem in the determination of the
          final temperatures of the hot and cold liquid and the quantity of heat
          transferred in accordance with prescribed temperatures and water
          equivalents of the liquids involved for the fixed parameters of the
          heat exchanger (i.e., the number of pipes, their length, and their
          inner and outer diameters). The problem is posed in a very gen-
          eral form: In addition to the thermal resistance of the walls, the
          tendency of metal to change its thermal conductivity with varying
          temperature and the temperature dependence of the specific heat of
          the liquids is also taken into consideration. By utilizing his own
Card 1/2   formulas for the characteristic temperatures of liquids obtained

SOV/124-57-3-3212

A Method of Checking the Design Computations of Heat Exchangers

earlier, the author shows that the problem may be reduced to a system of equations (the number of which is a function of the flow regime of the liquids). It is recommended that the resulting system of equations be solved by the method of successive approximations. Explanations are given regarding the application of the computational method proposed to specific instances of parallel-flow and counterflow-type heat exchangers operating under conditions of turbulent and laminar flow of liquids.

A. A. Gukhman

Card 2/2

SOV/124-57-7-7495

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 7, p 6 (USSR)

AUTHOR: Kadirov, N. B.

TITLE: An Investigation of the Properties of a Three-dimensional System of
Forces (Issledovaniye svoystv prostranstvennoy sistemy sil)

PERIODICAL: Tr. Azerb. industr. in-ta, 1955, Nr 11, pp 102-118

ABSTRACT: Bibliographic entry

Card 1/1

KADIROV, N.B.

Category : USSR/Atomic and Molecular Physics - Heat   D-4

Abs Jour : Ref Zhur - Fizika, No 1, 1957 No 881

Author   : Kadirov, N.B.
Title   : Procedure for Verification Calculation for Heat Exchange Apparatus

Orig Pub : Tr. Azerb. industr. in-ta, 1955, vyp. 11, 119-131

Abstract : A general procedure is given for verification calculation of heat exchangers
           on the basis of equations derived by the author in an earlier article (Tr.
           Azerb. industr. in-ta, 1954, No 9) for the terminal and middle temperatures
           of the hot and cold liquids, for the temperatures of their boundary layers,
           and of the heat-transfer wall of the heat exchanger. Cases of direct flow
           and opposed flow are analyzed. In the case of turbulent motion of the working
           liquids, the defining temperatures are assumed to be their average temperatures.
           The calculation reduces to a solution of a system of seven equations, using
           the method of selecting the value of the heat transfer coefficient. In the
           case of laminar flow the calculations become complicated by the fact that the
           defining temperatures are taken to be the average temperatures of the bound-
           ary layers of the liquid, which results in an increase of the number of
           equations in the system to eleven. This system of equations is also solved
           by selecting the heat transfer coefficient.
Card   : 1/1

KADIROV, N.B.; NURIYEVA, Z.D.

Determining the thermal radiation of a point source incident on
a given flat plane. Izv.ANAzerb. SSR no.10:17-28 O '56.

(MIRA 10:3)

(Heat--Radiation and absorption)

AUTHOR: Kadirov, N. B.

TITLE   Geometric Interpretation of the Principal Moment of a Three-dimen-
           sional Force System With the Aid of a Demonstration Model (Geo-
           metricheskaya interpretatsiya glavnogo momenta prostranstvennoy
           sistemy sil s pomoshch'yu demonstratsionnoy modeli)

PERIODICAL: Tr. Azerb. industr. in-ta, 1956, Vol 12, pp 5-21

ABSTRACT: Bibliographic entry

Card 1/1

KADIROV, N.B.; KIYASBEYLI, T.N.; ROTMAN, I.O.

Increasing the economy of piston compressor operation [in
Azerbaijani with summary in Russian]. Azerb. neft. khoz. 36
no.12:42-43 D '57.   (MIRA 11:3)
               (Compressors)

KADIROV, N.B.

Theoretical study of the operation of piston compressors. Trudy
Azerb. ind. inst. no.19:173-194 '57.   (MIRA 11:9)
                    (Compressors)

KADIROV, N.B.

Deriving basic differential equations determining the operation
of oil-field piston compressors. Izv. vys. ucheb. zav.; neft' i
gas no.4:105-114 '58.   (MIRA 11:9)

1.Azerbaydzhanskiy industrial'nyy institut im. M. Azizbekova.
          (Differential equation) (Compressors)

KADIROV, N.B.

Basic equations on the external characteristics of piston
compressors. Izv. vys. ucheb. zav.; neft' i gaz no.6:117-124
'58.   (MIRA 11:9)

1. Azerbaydzhanskiy industrial'nyy institut im. M. Azizbekova.
                        (Compressors)

14(5), 14(2)   SOV/152-59-1-29/31
AUTHOR: Kadirov, N. B.

TITLE: On the Question of the Critical Speed in the Outflow of Gas
              Through Leaky Places in the Cylinder of a Piston Compressor
              (K voprosu o kriticheskoy skorosti istecheniya gaza cherez
              neplotnosti tsilindra porshnevogo kompressora)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, 1959,
              Nr 1, pp 117 - 124 (USSR)

ABSTRACT: In one of the author's earlier papers (Ref 1), the formulas
              (22), (23) and (24) were derived for the purpose of de-
              termining gas losses occurring at leaks on pressure- and
              suction-valves as well as on the piston rings of the
              compressor. The question is investigated as to whether these
              formulas can be used during the entire compressor operating
              cycle. In this connection the question of formation of
              critical speed of gas escaping through the leaks mentioned
              is dealt with. It is shown that gas will escape through the
              leaks with a speed lower than the critical one. For this
              reason, the formulas mentioned can be used for the entire
Card 1/3   compressor operating cycle. The formula (77) is then derived,

On the Question of the Critical Speed in the Outflow of   SOV/152-59-1-29/31
Gas Through Leaky Places in the Cylinder of a Piston Compressor

which relates to that pressure ratio
$\frac{p}{p_0}$ where gas consumption is greatest. Here two possible cases
are investigated: 1) gas escapes with an influx of heat from
outside and as simultaneous supply of internal frictional heat,
2) gas escapes under conditions of heat transfer through en-
vironmental parts under simultaneous addition of inter al
frictional heat. It is shown that during the escaping of gas
which is accompanied by reciprocal friction of gas particles
and friction against the canal wall simultaneously with heat
transfer through environmental parts, the critical ratio
of pressures can be greater or smaller than the pressure ratio
existing at the highest gas consumption. This varies according
to whether the specific heat c_1 is greater or smaller than

$-\frac{k}{k-1} c_2$, k being the characteristic value of the adiabatic

process. There are 2 figures and 5 Soviet references.

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On the Question of the Critical Speed in the Outflow of   SOV/152-59-1-29/31
Gas Through Leaky Places in the Cylinder of a Piston Compressor

ASSOCIATION: Azerbaydzhanskiy industrial'nyy institut im. M. Azizbekova
               (Azerbaydzhan Industrial Institute imeni M. Azizbekov)

SUBMITTED: May 29, 1958

Card 3/3

KADIROV, N.B.

Determining the most effective distribution of gas pressure
in multistage piston compressors [in Azerbaijani with summary
in Russian]. Izv. AN Azerb. SSR. Ser. fiz. tekh. i khim. nauk
no.2:91-100 '59.   (MIRA 12:8)
                (Compressors—Aerodynamics)

KADIROV, N.B.; ISKENDEROV, T.A.

Formula for determining friction of piston rings against
piston compressor cylinder walls. Izv.vys.ucheb.zav.; neft'
i gaz 2 no.9:123-130 '59.   (MIRA 13:2)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.
          (Piston rings) (Compressors)

KADIROV, N.B.

Determining the tension of the elastic transmission considering
the transmission weight. Izv. vys. ucheb. zav.; neft' i gaz 2
no.5:79-86 '59.   (MIRA 12:8)

1.Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.
              (Mechanical engineering)

87163

S/152/60/000/011/005/005
B024/B076

11.9200

AUTHOR: Kadirov, N. B.

TITLE: Derivation of a Formula for the Determination of the Heat
               Transfer Coefficient From Gas to the Wall on the Basis of
               the Kinetic Theory of Matter

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz,
               1960, No. 11, pp. 95-100

TEXT: In this article, a formula is derived for the determination of the
heat transfer coefficient from gas to the wall, which deals with the physi-
cal nature of heat transfer. The transfer of the kinetic energy of the
gas molecules to the atoms of the hard wall with which they collide, and
the transfer of energy to the neighboring atoms are discussed. This process
is represented in the form of equations from which formula (10) is derived
for the determination of the heat transfer coefficient from the gas to the
wall, i.e.,

$$\alpha = 0.0394 \frac{np}{\mu_1 + \mu_2} \sqrt{\frac{\mu_1 g}{T}} \qquad (10)$$

where α = heat transfer coefficient from the gas to the wall; μ_1, μ_2 =

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Derivation of a Formula for the Determination   87163
of the Heat Transfer Coefficient From Gas to   S/152/60/000/011/005/005
the Wall on the Basis of the Kinetic Theory   B024/B076
of Matter

molecular weight of gas and of the wall material, respectively. However,
this formula is only valid in the case of a very turbulent gas flow where
the temperature of the entire gas volume is uniformly distributed. If the
distribution of temperature in the gas flow is uneven, the temperature T
of the gas in the vicinity of the walls has to be determined first. In this
case, formula (11) holds for the determination of heat transfer:

$$\alpha = 0.0394 \frac{np}{\mu_1 + \mu_2} \sqrt{\frac{\mu_1 g}{T_b}} \cdot \frac{T_b - T_w}{T - T_w}$$ (11). This formula shows that the heat

transfer coefficient not only depends on pressure p, on the average gas
temperature T, and on T_b in the vicinity of the walls, but also on the tem-
perature of the walls T_w. The above considerations show that the heat trans-
fer coefficient from the gas to the wall is directly proportional to the
absolute gas pressure. This factor depends on the physical nature of the
gas and on the molecular weight of the wall material, as different materi-
als absorb the heat transmitted to them in different ways. Thus, the
kinetic theory of matter indicates the proper way to investigate the
process of heat transfer from the gas to the wall. Academician M.A.Mikheyev

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Derivation of a Formula for the Determination
of the Heat Transfer Coefficient From Gas to
the Wall on the Basis of the Kinetic Theory
of Matter

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B024/B076

is mentioned. There are 1 figure and 4 Soviet references.

ASSOCIATION: Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova
(Azerbaydzhan Institute of Petroleum and Chemistry imeni
M. Azizbekov)

SUBMITTED: May 20, 1960

Card 3/3

KADIROV, N.B.; ISKENDEROV, T.A.; ROTMAN, I.O.

Experimental determination of gas escapes through piston ring leaks in compressors. Izv. vys. ucheb. zav.; neft' i gaz 3 no.7:115-119 '60.   (MIRA 15:5)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova i Neftepromyslovoye upravleniye "Kirovneft'".
(Compressors)

KADIROV, N.B.

Some problems of the kinematics of a three-cone bit. Izv. vys.
ucheb. zav.; neft' i gaz 3 no.12:27-33 '60.   (MIRA 14:10)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.
                    (Oil well drilling)

KADIROV, N.B.; RASULOV, R.A.

Determining the parameters of gas flow in pipes. Azerb. neft. khoz.
39 no.11:34-36 N '60.   (MIRA 13:12)
                        (Gas flow)

KADIROV, N.B.

Basic equations determining the real operating conditions
for a piston-type compressor. Izv. AN Azerb. SSR. Ser. fiz.-
mat. i tekh. nauk no.1:109-116 '61.   (MIRA 14:4)
                    (Compressors)

KADIROV, N.B.

Deriving a differential equation of the movement of the plate of
a ring valve of a piston compressor. Izv. vys. ucheb. zav.;
neft' i gaz 4 no.2:113-118 '61.   (MIRA 15:5)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova.
                        (Compressors)

KADIROV, N.B.

Kinematics of a three-roller bit. Izv.vys.ucheb.zav.; neft' i gas
4 no.7:43-50 '61.   (MIRA 14:10)

1. Azerbaydshanskiy institut nefti i khimii im. M.Azizbekova.
                    (Oil well drilling)

KADIROV, N.B.

Determining the friction moment and load-carrying capacity
of plain bearings. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekh.nauk
no.1:123-130 '62.   (MIRA 15:4)
             (Bearings (Machinery))

KADIROV, N.B.

Invariant relationship between the operating conditions in
cylinders of piston compressors. Izv.vys.ucheb.zav.; neft'
i gaz 5 no.4:93-97 '62.   (MIRA 16:1)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova.
                         (Air compressors)

KADIROV, N.B.

Some problems of kinematics of three-roller bits. Izv.vys.ucheb.
zav.;neft' i gas 5 no.5:45-51 '62.   (MIRA 16:5)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.
   (Oil well drilling—Equipment and supplies)

L 17485-63   EPR/EWT(1)/EPF(c)/EPF(n)-2/BDS   AFFTC/ASD/IJP(C)/SSD

ACCESSION NR: AP3004613 Ps-4/Pr-4/Pu-4   WW   S/0233/63/000/002/0103/0112

AUTHORS: Kadirov, N. B.; Ismail-Zade, Sh. M.   7/

TITLE: Graphic analytical method for the verification of the calculation of the
heat exchange apparatus.

SOURCE: AN AzerbSSR. Izv. Ser. fiziko-matem. i tekhn. nauk, no. 2, 1963, 103-112.

TOPIC TAGS: heat exchange apparatus, counterflow heat exchanging system, direct-
flow heat exchanging system

ABSTRACT: This article presents theoretical formulas for the determination of
final and average temperatures, as well as the average temperatures of the layers
bordering with the heat-transferring walls of the heat-exchanging apparatus.
A general analytical method for the verification of the calculations for the
heat exchanging apparatus is presented on the basis of these formulas. A graphic-
analytical method has been employed in order to simplify these calculations.
The graphic-analytical calculation is given for counter-flow as well as direct-
flow systems. The direct-flow system is divided into two parts: turbulent and
laminar flows. These two systems are calculated similarly, with the exception
that the graphs are different for each calculation. The calculation of the heat

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exchanger working in a direct-flow is analogous to the systems described above with the exception that in this case the final temperature t_2'' of the cold liquid must be determined first. Orig. art. has: 7 figures and 11 formulas.

ASSOCIATION: none

SUBMITTED: 00   DATE ACQ: 15Aug63   ENCL: 00

SUB CODE: PH, CH   NO REF SOV: 003   OTHER: 000

Card 2/2

KADIROV, N.B.

A more exact representation of the formula for determining the piston-ring friction against the cylinde' wall of compressors. Izv.vys.ucheb.zav.;neft' i gaz 6 no.11:106-110 '63. (MIRA 17:9)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

SADIKOV, N.B.

Determining the temperature of a gas at characteristic points of
the working cycle of compressors on the basis of experimental data.
Izv.vys.ucheb.zav.; neft' i gaz 7 no.4:105-110 '64.
                                                    (MIRA 17:5)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova.

KADIROV, N.V.

Problem of the distribution of pressures in a layer of oil flow-
ing through sliding bearings. Izv.AN Azerb.SSR.Ser.fiz.-mat.i
tekh.nauk no.5:45-56 '60.   (MIRA 14:4)

(Bearings (Machinery))--Lubrication)

MEL'CHINSKIY, N.A., SUKHORUKOVA, L.N., ZEVELEVA, Z.A., KOROBOVA, F.M., KADISH,F.M.
     BERLIZEVA, K.F., ZLOTNIKOV, Ye.M., BLYUMKINA, M.I.,
     VOLOSUNOVA, N.P. LARINA, S.P. YEVDOKIMOVA, L.N.

     Professor Aleksandr Vasil'evich Savel'ev; on his 60th birthday.
     Vest.oto-rin. 20 no.6:126-127 N-D '58   (MIRA 11:12)
               (SAVEL'EV, ALEKSANDR VASIL'EVICH, 1898-)

KADISHEV, I.B.;LEYTES, L.G.;ORBL, B.M.

New texture coating of reclaimed wool. Tekst. prom. 17 no.4:29-31
Ap '57.   (MIRA 10:4)

1. Iz rabot TSentral'nogo nauchno-issledovatel'skogo instituta sher-
styanoy promyshlennosti i Ukrshersti.
         (Woolen and worsted manufacture)

SOKOLOVSKIY, L.; KADISON, G.

Letter to the editor. Zhur. nevr. i psikh 58 no.12:1523-1524 '58.
(SCHIZOPHRENIA)   (MIRA 12:1)

KADISOV, M. B.

Kadisov, M. B. "Generalization of the Data of Coring for the Region of the Southern Emba." Vostochnaia Neft, Moscow, No. 2/3, 1940, pp. 15-22.

KADISOV, M.; LUK'YANOV, G.

Collected studies "Nuclear geophysics," edited by F.A.Alekseev.
Neft. khoz. 38 no.11:66-67 N '60.   (MIRA 14:4)
          (Nuclear geophysics)   (Alekseev, F.A.)

KADITE, B.

"Ixodidae in the Lithuanian SSR."

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

Institute of Zoology and Parasitology, Academy of Sciences, Lithuanian SSR

KADITE, B.

Cand Biol Sci - (diss) "Ecology and biology of the mite Ixodes ricinus L. under conditions of the Lithuanian SSR." Vil'nyus, 1961. 19 pp; (Ministry of Higher and Secondary Specialist Education USSR, Vil'nyus State Univ imeni V. Kapsukas); 250 copies; price not given; (KL, 7-61 sup, 227)

ADZHYAN, Pogos Arutyunovich, zaslushennyy zootekhnik RSFSR; PAKHTUSOV,
Zosima Ivanovich, kand.sel'skokhoz.nauk; KADIYEVA, Ye.V., red.;
DEYEVA, V.M., tekhn.red.

[Using food waste for fattening swine] Otkorm svinei na pishche-
vykh otkhodakh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 78 p.
                                        (MIRA 14:2)

(Swine--Feeding and feeds)

ZHIDKIKH, Zoya Aleksandrovna; KADIYEVA, Ye.V., red.; DEYEVA, V.M.,
tekhn.red.

[Raising and fattening turkeys] Vyrashchivanie i otkorm
indeek. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 119 p.
                                            (MIRA 14:2)

(Turkeys--Feeding and feeds)

KONYAYEV, Nikolay Ivanovich; KOLOBOV, Georgiy Mikhaylovich; KADIYEVA,
Ye.V., red.; BALLOD, A.I., tekhn.red.

[Poultry farming for meat production] Miasnoe ptitsevodstvo.
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 196 p.
                    (Poultry)   (MIRA 13:11)

ZABOTINA, Zinaida Ivanovna, Geroy Sotsialisticheskogo Truda, master
mashinnogo doyeniya korov, Deputat Verkhovnogo Soveta SSSR;
ZABOTIN, Dmitriy Il'ich, Geroy Sotsialisticheskogo Truda,
master mashinnogo doyeniya korov; KADIYEVA, Ye.V., red.;
PROKOF'YEVA, L.N., tekhn. red.

[We are maintening 300 cows]Obsluzhivaem 300 korov. Moskva,
Sel'khozizdat, 1962. 62 p.   (MIRA 15:10)

1. Semeykinskaya ferma sovkhoza "Shuyskiy" Ivanovskoy oblasti
(for Zabotina, Zabotin).
                              (Ivanovo Province—Dairying)

PENIONZHKEVICH, E.E., doktor biol. nauk, prof.; KADIYEVA, Ye.V., red.;
    GOR'KOVA, Z.D., tekhn. red.; PEVZNER,V.I., tekhn.red.;MAKHOVA,
    N.N., tekhn. red.
[Poultry]Sel'skokhoziaistvennaia ptitsa. Moskva, Sel'khoz-
izdat. Vols.1-2. 1962.   (MIRA 15:10)
                        (Poultry)

GLUSHKOV, Nikolay Mikhaylovich; KADIYEVA, Ye.V., red.; GUREVICH, M.M.,
tekhn. red.

[Manual for the beekeeper]Sputnik pchelovoda. Moskva, Sel'khoz-
izdat, 1962. 318 p.   (MIRA 15:11)
                    (Bee culture)

KALASHNIKOV, Aleksey Petrovich, kand. sel'khoz. nauk; NECHAYEVA, Ye.G.,
    red.; KADIYEVA, Ye.V., red.; MAKHOVA, N.M., tekhn. red.;
    SOKOLOVA, N.N., tekhn. red.

[Silage type of feeding for cattle] Silosnyi tip kormleniia
krupnogo rogatogo skota. Moskva, Sel'khozizdat, 1963. 158 p.
                                            (MIRA 16:10)
    (Cattle--Feeding and feeds) (Ensilage)

MAKAROV, V.M., inzh.; BIKCHENTAYEV, T.A.; KADKEVICH, V.N.;
    SAMSONOVA, A.A.; ZAOSTROVSKIY, F.P., kand. tekhn.nauk,
    retsenzent; KUBAREV, V.I., inzh., red.; TAIROVA, A.L.,
    red.izd-va; MODEL', B.O., tekhn.red.; UVAROVA, A.F.,
    tekhn.red.

[Rubberized and bimetallic machines and devices for the
chemical industry; design and manufacture] Gummirovan-
nye i bimetallicheskie mashiny i apparaty khimicheskikh
proizvodstv; konstruirovanie i izgotovlenie. [By] V.M.
Makarov i dr. Moskva, Mashgiz, 1963. 274 p.
                                    (MIRA 17:2)

KADKIN, V. A.

USSR/Magnetism - Ferromagnetism, F-4

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 34913

Author: Yanus, R. I., Kadkin, V. A.

Institution: Ural State University, Sverdlovsk, USSR

Title: On the Structure of the Family of Symmetrical Hysteresis Loops of Ferromagnetics

Original
Periodical: Fiz. metallov i metallovedeniye, 1955, 1, No 3, 420-423

Abstract: A study is made of the effect of cold working on the structure of the family of symmetrical hysteresis loops in transformer steel (4% Si). The magnetization is made uniform over the cross section by using specimens of parabolic shape, and the uniformity of cold working is obtained uniformly bending the specimens on surfaces of definite curvature. The hysteresis loops were plotted using the reversal method in a ballistic installation, while the coercive force was measured both by the throw method, as well as by reversal. It was observed that homogeneous cold working of the transformer steel does

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Card 2/2

APPROVED FOR R

KADRIN, V. A.

P. 3

AUTHOR: None given   SOV/106-58-7-17/18

TITLE: Authors' Certificates (Avtorskiye svidetel'stva)

PERIODICAL: Elektrosvyaz', 1958, Nr 7, p 77 (USSR)

ABSTRACT: Ye.A. Nikitin, N.I. Svetlov and V.P.Yurchenko - "Method of Improving Raster Quality in a Phototelegraph System"; A.M. Pshenichnikov - "Device for Converting a DC Voltage into an Alternating Pulse Voltage of Proportionate Frequency"; V.Ye. Bukh-Viner - "Method of Increasing the Noise Protection of Multi-channel Repeatered Systems"; N.L. Artem'yev and G.V. Braude - "The Photo-conductive Target of Photo-resistance Television Transmitting Tubes"; M.U. Polyak, "Method of Voice-frequency Telegraphy with Side-band Modulation Keying"; A.B. Pugach, "Device for Obtaining a Lengthened Telegraph Stop Signal"; I.I.Zhil-evich, "A Device for the Reception of Phototelegraph Images with the Aid of Ferromagnetic Particles"; V.I. Smirnov - "Device for Obtaining Delayed Coincidences"; A.D. Tkachenko - "Noise-stable Telephone Fitting"; I.Ye. Finkler - "Central Battery System Telephone Switch"; V.A. Godlevskiy, S.A. Vasil'yev, L.M. Gol'shtein, M.F. Lutov and O.A. Sobolev - "Method of Determining the Number of a Calling Subscriber and a Device for Achieving it."

Card 1/2

Authors' Certificates   SOV/106-58-7-17/18

B.S. Livshits, M.M. Vitsnudel' and S.V. Levina - "Device
for Sending Inductive Signals": L.A. Korneyev, "Crystal
Oscillator"; M.I. Syr'yev - "Method of Measuring Electric
Field Strength"; P.V. Terent'yev - "Device for Protecting
High-voltage Rectifiers from the Anode Supply Voltage When
the Heater Circuit is Broken"; V.A. Kadkin - "Device for
Measuring the Magnetic Properties of Ferromagnetic Materials";
B.M. Bul - "Semi-conductor Non-linear Condensers";
T.Ye. Zaytsev - "Method of Determining the Naturalness of
Sound and the Intelligibility of Speech Transmitted by a
Telephone Channel".

        1. Scientific reports--USSR

Card 2/2

KADKIN, V.A.

Upper limits of the magnetic hysteresis of certain ferro-
magnetic materials. Fiz. met. i metalloved.20 no.1:155-157
Jl '65.   (MIRA 18:11)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.

OVCHINNIKOV, I.K., prof.; KADKIN, V.A., inzh.; TSAPLIN, A.A., inzh
    [deceased]

    Investigating the wetting by mercury of platinum and its alloys.
    Izv.vys.ucheb.zav.; gor.zhur. no.1:144-148 '60.
                                                    (MIRA 13:6)

    1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.
    Rekomendovana kafedroy fiziki.
            (Platinum) (Surface chemistry)

KADKIN, V.A., assistent

Possibility of using the method of d.c. compensation in measuring the amplitude of the alternating e.m.f. Izv. vys. ucheb. zav.; prib. 3 no. 1:45-48 '60.   (MIRA 14:5)

1. Sverdlovskiy gornyy institut imeni V.V. Vakhrusheva. Rekomendovana kafedroy fiziki.
                    (Electronic measurements)

KADKIN, V.A.

Magnetometer with vibrating coil. Trudy inst. Kom.stand.mer i izm.
prib no.64:305-310 '62.   (MIRA 16:5)
                        (Magnetometer)

KADKINA, E.I.

Facies characteristics of alluvial deposits in the middle Ob'
Valley. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 14 no.1:
131-137 '59.   (MIRA 12:9)

1. Moskovskiy gosudarstvennyy universitet, Kafedra inzhenernoy
geologii i gruntovedeniya.
              (Ob' Valley--Alluvium)

YERMAN, B.A.; PLOTNIKOV, N.P.; KADKINA, Ye.V.; MYASNIKOVA, A.T.; SHUBINA,
S.B. (Sverdlovsk)

Morphology and cytochemistry of the cells of the HEp-2 tissue
culture under normal conditions and in enterovirus infections.
Arkh. pat. 26 no.9:47-55 '64.   (MIRA 18:4)

1. Sverdlovskiy nauchno-issledovatel'skiy institut virusnykh
infektsiy (dir. G.F.Bogdanov).

KAPLA, Z. I.

"Determination and Investigation of the Proper Movements of Stars in the Region of Eta Cygni." Sub 1? Apr 51, Moscow Order of Lenin State U imeni M. V. Lomonosov.

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

SO: Sum. No. 420, 9 May 55.

KADLA, Z. I.   PA 234T64

USSR/Astronomy - Solar Eclipse   Sep/Oct 52

"Partial Solar Eclipse 14 February 1953,"
Z. Kadla

"Astron Zhur" Vol 29, No 5, p 622

Subject eclipse will be visible over Eastern
Siberia, Far East, Mongolian People's Republic,
China, Japan, and Alaska. Max occurs between
Nizhnyaya and Podikamennaya Tunguska (lat $+$ 62°;
long east 105°). Chart published by "Astronomi-
cheskiy Yezhegodnik SSSR" (Astronomical Year-
book USSR) is appended.

234T64

KADIA, Z. I.

Determination and investigation of proper motions of stars
in the vicinity of η Cygni. Izv.GAO 20 no.1:47-83 '55.
                                            (MIRA 13:5)

(Stars—Proper motion)

POTTER, Kh.I.; KADLA, Z.I.

Determining the aberration constant from a set of two years'
observations on the refractor at Pulkovo. Astron.tsirk.
no.170:3-4 '56.   (Aberration)   (MIRA 9:10)

KADLA, Z.I.

Proper motions of some circumpolar stars.   Izv. GAO 22 no. 1:157-
160 '60.

(Stars--Proper motion)

(MIRA 13:12)

KADLA, Z.I.

Positions and proper motions of stars observed on the polar
telescope at Pulkovo. Astron.zhur. 38 no.4:758-761 Jl-Ag '61.
(MIRA 14:8)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.
        (Stars—Proper motion)

KADLA, Z.I.

Study of the globular cluster M 13. Astron.zhur. 40 no.4:691-696
Jl-Ag '63.   (MIRA 16:8)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.
                                  (Stars—Clusters)

KADLA, Z.I.

Using the method of equidensity curves in determining the flattening of the globular cluster M 13. Astron. zhur. 43 no. 1:124-131 Ja-F '66   (MIRA 19:2)

1. Glavnaya astronomicheskaya observatoriya AN SSSR. Submitted October 7, 1965.

KADLAS, Oldrich, inz.

Automatic control of the gain and attenuation distortion in the Dr 32
wire radio system. Slaboproudy obzor 22 no.11:687-693 N '61.

1. Vyzkumny ustav telekomunikaci Praha.

(Radio)

for compensating the changes of phase caused by

H.S Sidorovics

KADLAS, O.

80427
Z/039/60/021/07/029/037
E073/E535

9.4310

AUTHORS: Fiedler, Otakar and Kadlas, Oldřich, Engineer

TITLE: Dependence of the Residual Current I_{ko} on the
            Resistance Between the Base and the Emitter

PERIODICAL: Slaboproudý obzor, 1960, Vol 21, No 7, pp 442-443

ABSTRACT: In the Telecommunication Research Institute the
            dependence was followed between the residual current I_{ko}
            in transistors (connected to a grounded emitter) and
            the magnitude of the resistance R connected between the
            base and the emitter, see Fig 1 showing the connection
            for transistor measurements. This dependence was studied
            at various temperatures of the ambience and the measured
            values are plotted in Fig 2, which shows the dependence
            of the residual current I_{ko} on the resistance between
            the base and the emitter. The curves show that for a
            given temperature of the ambience, up to a certain value
            of the resistance R, the residual current I_{ko} has a
Card 1/2   minimum value (equalling the residual current in the case

Z/039/60/021/0¾/029/037
E073/E535

Dependence of the Residual Current I_{ko} on the Resistance Between the Base and the Emitter

of connection onto a common base). Above the critical resistance R the residual current I_{ko} rises steeply until it reaches a value corresponding to the residual current of the transistor with a common emitter, i.e. R = ∞. For designing transistor circuits where a low residual current is a decisive factor, it is important that the resistance between the base and the emitter should not exceed the critical resistance shown in Fig 2 for a given temperature of the ambience. These results were applied in various transistor circuits developed by VÚT as, for instance, the h.f. amplifier KNK 6 etc.

There are 2 figures.
(Note: This is a complete translation)

ASSOCIATION: Výzkumny ústav telekomunikací (Telecommunications Research Institute)

Card 2/2

GRAN, Jaroslav, inz.; KADLC, Zdenek, inz.

Concreting of the water reservoir vault on an inflatable
formwork. Inz stavby 13 no.1:16-20 Ja '65.

1. Vojenske stavby, Brno (for Gran). 2. Research Institute
of Engineering Construction, Bratislava, Worksite Brno (for
Kadlc).

KADLCEK, Miroslav

Rotary dough mixers, series 771-773. Prum potravin 14 no.7:
355-358 Jl '63.

1. Zavody potravinarskych a chladicich stroju, n.p., zavod
Topos, Sluknov.

PAZDERKA, V.; HAJKOVA, Z.; KADLCOVA, L.; POLAKOVA, Z.

Round-cell infiltrates in skeletal muscles in progressive
polyarthritis. Sborn.lek.62 no.12:365-370 D '60.

1. I. patologicky ustav fakulty vseobecneho lekarstvi University
Karlovy, prednosta prof.dr. B.Bednar; Fysiatricky a balneologicky
ustav fakulty vseobecneho lekarstvi University Karlovy; Vyskumny
ustav chorob revmatickych v Prase, prednosta prof.dr. Fr.Lenoch;
I. detska ortopedicka klinika pediatricke fakulty University Karlovy,
prednosta prof.dr. O.Hnevkovsky.
          (ARTHRITIS RHEUMATOID pathol)
          (MUSCLES pathol)

PAZDERKA, V.; HAJKOVA, Z.; KADLCOVA, L.; POLAKOVA, Z.   2.

Round-cell infiltrates in skeletal muscles in progressive
polyarthritis. Sborn.lek.62 no.12:365-370 D '60.

1. I. patologicky ustav fakulty vseobecneho lekarstvi University
Karlovy, prednosta prof.dr. B.Bednar; Fysiatricky a balneologicky
ustav fakulty vseobecneho lekarstvi University Karlovy; Vyzkumny
ustav chorob revmatickych v Praze, prednosta prof.dr. Fr.Lenoch;
I. detska ortopedicka klinika pediatricke fakulty University Karlovy,
prednosta prof.dr. O.Hnevkovsky.
            (ARTHRITIS RHEUMATOID pathol)
            (MUSCLES pathol)

LENOCH, F.; KAŠÍKOVÁ, L.

Therapeutic rehabilitation of deformities in progressive poly-
arthritis and their statistical evaluation. Cas. lek. cesk. 104
no.34:906-910 27 Ag '65.

1. Vyzkumny ustav chorob revmatickych v Praze (reditel prof. dr.
F. Lenoch, DrSc.).

KADLCOVÁ, Lidmila, MU Dr.

Czechoslovakia

Research Institute for Rheumatic Diseases -- Prague
   (Výzkumný ústav chorob revmatických -- Praha);
   Director: F. LENOCH, Prof Dr. DrSc

Prague, Praktický lékař, No 22, 1962, pp 961-964

"Physical Education for Health in Rheumatic Maladies."

LENOCH,F.; KADLCOVA, L.; MATEJICKOVA, V.

Rehabilitation therapy in progressive polyarthritis. Fysiat.
vestn. 43 no.2:120-124 Mr '65

1. Vyzkumny ustav chorob revmatickych v Praze (reditel - prof. dr.
F. Lenoch, DrSc.).

DVORACEK, C.;BARTA, K.;KADLEC, A.

Complement fixation in pneumocystic pneumonias. Lek. listy, Brno 8 no.23: 537-539 1 Dec 1953. (CLML 25:5)

1. Of the Patho-Anatomical Institute (Head--Docent C. Dvoracek, M.D.) of Palacky University and of Prosectorium KUNZ, Olomouc.

KADLEC, A.

TECHNOLOGY

PERIODICAL: CHEMICKY PRUMYSL, VOL. 11, no. 3, 1958

Kadlec, A. Determination of the thermal expansion of plastics. p. 552.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,
                                                May 1959, Unclass.

KOLAR, O.; DENCKER, S.J.;BENKO, J.; KADLEC, A.; Neurological Clinic Med. Fac. Palacky Univ. (Neurol. Klin. Lek. Fak. PU), Olomouc, Head (Prednosta) Prof Dr J. HRBEK; Neurol. Clin. Med. Fac. Lund Univ., Head Prof Dr R. MULLER /Orig. version not given_7; Neurol. Dept. Pediatric Hospital (Neurol. Odd. Detske Fak. Nemocnice), Bratislava, Head (Vedouci) Dr J. BENKO; Microbiological Inst. Med. Fac. Palacky Univ. (Mikrobiol. Ustav Lek. Fak. PU), Olomouc, Head (Prednosta) Docent Dr E. MARSALEK.

"Problems of Immunologically Active Proteins in the Cerebrospinal Fluid in Patients with Subacute Encephalitis Dawson-Pette-Doring--Van Bogaert."

Abstract [Authors' English summary modified]: The active fraction is obtained from the 7S fraction of gamma globulins. Gamma-1-M-globulin is not increased. Administration of antigen from the brain of a patient dead from the disease resulted in correlation of the complement-fixing antibodies with increase in the gamma globulin fraction. These antibodies are specific for this disease. In subacute cases serum immunoglobulins should be examined. 3 Figures, 3 Tables, 7 Western, 11 Czech references. (Ms. rec. 6 Jul 64).

1/1

- 35 -

COUNTRY   : CZECHOSLOVAKIA
CATEGORY   : Chemical Technology. Chemical Products and
              Their Applications.
AB3. JOUR. : RZKhim., No. 23 1959, No. 84023

AUTHOR   : Jenis, P.; Kadlec, A.

INST.   : -
TITLE   : Determination of Thermal Expansion of Plastics

ORIG. PUB. : Chem. prumysl, 1958, 8, No 10, 552-554

ABSTRACT   : Specific volumes and coefficients of thermal
              expansion of the melts were determined (while
              cooling gradually) of polycaprolactam, of a
              copolymer of capralactam and of C-methylcapro-
              lactam (90 : 10) of polyethylene and of poly-
              styrol in the temperature range of 20 - 250°.
              Thus obtained specific volume values were com-
              pared with the results obtained from the pich-
              nometric measurments. It was established that
              at temperatures of 20 to 30° the difference in
              density measurements by the two methods compri-
              zed no more than 0.1%. -- L. Sedov.

CARD: 1/1

KADLEC, Antonin

      Struggle for air purity in England. Zdravot tech   7   no. 3:
123-130 '64.

      1. Zavody na vyrobu vzduchotechnickych zarizeni, Milevsko.

KADLEG, CHESTMIR

FOGL, Iozef [Fogl, Josef]; KADLETS, Chestmir [Kadlec, Čestmír], inzhener.

Experience laying and operating on jointless rails on the Pilsen line of the Czechoslovak Republic. Zhel. dor. transp. 39 no.5: 33-35 My '57.   (MIRA 10:6)

1. Nachal'nik Pl'sen'skoy dorogi (for Fogl). 2. Zamestitel' nachal'nika sluzhby putevogo khozyaystva Pl'sen'skoy dorogi (for Kadlets).

                    (Czechoslovakia--Railroads--Rails)

KADLEC, Ferdinand

An interesting case of corrosion of plated Duraluminum.
Ferdinand - Kadlec. *Hutnické Listy* 3, 303-8(1948).—
When Duraluminum sheets 1 mm. thick coated with Al-
Mg-Si on both surfaces were immersed in 3% NaCl with
0.1% H₂O₂ for 24 hrs. one surface corroded while the other
surface remained uncorroded. Photomicrographs show a
diffusion of Cu to the uncorroded surface and an absence
of the diffusion on the corroded surface. The difference
in concn. of the Cu on the two surfaces produced a p.d. of
0.070 v. in 3% NaCl. The cause lies in the concn. of Cu
into surface layers after casting. Later after working
the alloy into sheets the Cu may not be removed completely
from one surface. ...   Frank Maresh

KADLEC; F.

reverse leaching of zinc concentrates

is performed with a very small excess of acid (final pH 5-4) whereby ZnO and not silicate is dissolved. The advantages of the reverse leaching as compared with direct leaching lie in the case of separation of the solution from the sludge by sedimentation or filtration.

Kadlec, Ferdinand

CZECH

> Roasting zinc concentrate. Ferdinand Kadlec (Vยฺ.
> kumny ustav kovů, Parenské Bเนา Czech.) Hutnicki
> Listy 10, 73-6(1955).—Changes in the constitution of Zn
> concentrate during roasting were studied. Exptl. values
> obtained by roasting, leaching ability, and "image of roast-
> ing" give evidence of the presence of Zn at various temps.
> Petr Schneider

Kadlec, F.

Reductive fusion of tin concentrates. F. Kadlec (*Hutn. Listy*, 1955, **10**, 706—709).—Under mildly reducing conditions the fusion of tin concentrates yields smaller amounts of the metal but of higher purity (lower Fe content) than when employing more vigorous reduction methods. However, the slag contains more tin and flue losses are higher. Tin concentrate was obtained by usual methods of ore enrichment, being mainly SnO_2 (Sn 56%, Fe 10%, SiO 3-6%, S 0-0%, and <0·01% each of Zn, Cu, and Bi). C was used for the reduction, which was carried out in a magnesite furnace for 2—4 hr. at various temp. between 1180° and 1330°. No experimental results were obtainable at below 7% C concn., the optimum concn. of C being 14—15%.   A. O. JAKUBOVIC.

E. Ilia Ferdinand

ing amt. of charcoal to a max. at 14-16% Petr Schneider

KADLEC, Ferdinand

Ferdinand Kadlec (Prague), "Entfernung des Zinns aus Wolframkonzentraten,"
Neue Huette (Berlin), 2/7, July 1957, pp. 422-5.

Elimination of Tin from Tungsten Concentrates.
The author is affiliated with the Research Institute for NE-Metalle,
Panenske Brezany, CSR.

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their   H-6
Application. Safety and Sanitation.

Abs Jour   : Ref Zhur - Khimiya, No 5, 1959, No. 15914

Author   : Kadlec, F.
Inst   : Not given
Title   : Fire-Resistance of Certain Construction Materials

Orig Pub   : Protipoz. techn., 1957, 5, No 11, 213-214

Abstract   : Described are the procedures used in, and the results of
experiments conducted on, the determination of fire-
resistance of: wooden partitions that have internal air
spaces, and whose outside surfaces are pargeted with
cement; partitions made of "silicark" - structural material
of 550-700 kg/m3 density, and made of lime, mare, and ashes;
glass-concrete partitions that are made of hollow glass
blocks, 6.5 cm in thickness and of solid glass plates, 24 mm
in thickness; stool frames made of 25 x 25 mm angles and

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CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their   H-6
              Application. Safety and Sanitation.

Abs Jour   : Ref Zhur - Khimiya, No 5, 1959, No. 15914

            reinforced concrete frames of 7 x 9 cm glassed with
            armored glass; corrugated transite boards, 100 x 100 cm
            and of 5 mm in thickness. The tested materials, with the
            exception of "silicark", did not comply with the
            Czechoslovakian Standard 730760. The glassed surfaces,
            in addition, have to be separated by at least 1 m from
            the inflammable materials. For the preceding article refer
            to Ref Zhur - Khimiya, 158, 54430. -- D. Shapiro

        Card 2/2