

LEYBOVICH, M.M.

ABDURASULOV, D.M., prof.; LEYBOVICH, M.M., assistant; ALESHIN, V.A., ordinator.

X-ray diagnosis of foreign bodies of the respiratory tract. Sbor.
trud. Tashk. KBNP no. 1:199-202 '56 (MIRA 11:3)
(RESPIRATORY ORGANS--FOREIGN BODIES)

Leybovich, M.M.

LEYBOVICH, M.M., assistant

X-ray diagnosis of heart wounds not involving slivers. Sbor.trud.
Tashk.KBNP no.1:203-205 '56 (MIRA 11:3)
(HEART--WOUNDS AND INJURIES)

LEYBOVICH, N.I.

133-6-30/33

AUTHOR: Leybovich, N.I.

TITLE: About the simplification of planning costs of production.
(Ob uproshchenii planirovaniya sebestoimosti produktsii).

PERIODICAL: "Stal'" (Steel), 1957, No.6, pp.568-569 (USSR).

ABSTRACT: In order to prepare an estimate of production costs a large number of calculations and derivations of a number of indices is required. The author discusses possibilities of simplifying these calculations and in particular proposes to decrease the number of indices used at present.

ASSOCIATION: Nizhnedneprovskiy Metal Works. (Nizhnedneprovskiy Zavod Metalloizdely).

AVAILABLE: Library of Congress
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ZHUK, G.V., kand. khimich. nauk; MARKINA, L.V., inzh.; GLADUSH, V.M., inzh.;
LEYBOVICH, N.I., kand. ekonom. nauk; TOPAL, D.M., inzh.

Investigating the quality of an enamel pipe coating. Proizv.
trub no.11:113-118 '63. (MIRA 17:11)

LENYOVICH, N.I.

Method of calculating the cost of pipes. Izv.vys.ucheb.
sav.; chern.met. no.6:176-187 '60. (MIRA 13:7)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut.
(Rolling(Metalwork)—Costs)
(Pipe mills—Accounting)

LEYBOVICH, N.I.

Method of determining the effectiveness of changing the wall thickness
and the length of service of hot-rolled pipes. Stal' 20 no.9:831-832
S '60. (MIRA 13:9)

1. Urainskiy nauchno-issledovatel'skiy tekhnologicheskii institut.
(Pipe, Steel)

LEYBOVICH, N.I., kand.ekonom.nauk

Certain indices for the design of pipe mills. Stal' 22
no.9:853-854 S '62. (MIRA 15:11)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut.
(Pipe mills)

LEYBOVICH, Naim Iosifovich; GUREVICH, A.M., red.; BRUSHTEYN, A.I.,
red. izd-va; OBUKHOVSKAYA, G.P., tekhn. red.

[Planning and the analysis of pipe coats] Planirovanie i analiza
sebestoimosti trub. Moskva, Metallurgizdat, 1963. 123 p.
(MIRA 16:6)

(Rolling (Metalwork))--Estimates and costs
(Pipe mills)

LEYBOVICH, N.Ya.; MAKSAKOV, M.F.

Improving the technology and organization of production and increasing
the output of furniture. Der. prom. 8 no.11:19-20 N '59.
(MIRA 13:3)

1. Ivanovskiy mebel'nyy kombinat.
(Ivanovo--Furniture industry)

LEYBOVICH, N.Ya., inzh.

Economize the rubberized belt. Der. prom. 12 no.8:25-26
Ag '63. (MIRA 16:11)

1. Ivanovskiy mebel'nyy kombinat.

LEYBOVICH, R.Ye., kandidat tekhnicheskikh nauk.

Determining temperature stresses during the heating of coke.
Koks i khim.no.7:25-27 '56. (MLRA 9:12)

1. Dnepropetrovskiy metallurgicheskiy institut.
(Coke) (Strains and stresses)

LEYBOYICH, R. YE

BRUK, A.S., doktor tekhnicheskikh nauk.; LEYBOVICH, R. Ye., kandidat tekhnicheskikh nauk.

Behavior of coke at high temperatures. Koks i khim. no. 3:
24-29 '57. (MIRA 10:5)

1. Dnepropetrovskiy metallurgicheskiy institut.
(Coke)

SOV/68-59-1-6/26

AUTHORS: Bruk, A.S., Doctor of Technical Sciences, Volkova, Z.A.,
Leybovich, R.Ye., Obukhovskiy, Ya.M., Candidates of
Technical Sciences and Leytes, V.A.

TITLE: Physico-mechanical and Physico-chemical Properties of
Narrow-size Fractions of Blast Furnace Coke (Fiziko-
mekhanicheskiye i fiziko-khimicheskiye svoystva uzkih
klassov domennogo koksa)

PERIODICAL: Koks i Khimiya, 1959, nr 1, pp 21 - 24 (USSR)

ABSTRACT: Properties of size fractions of coke: above 80 mm,
80-60 mm, 60-40 mm and 40-25 mm were investigated.
Mechanical properties were tested by standard drum tests
(GOST 5953-51); results are given in Table 1; coke
reactivity by reduction of carbon dioxide to monoxide
according to Ref 6; results - Table 2; the hardness of
the coke substance according to Ref 7; results - Table 3
and the degree of carbonisation of the coke by measurements
of its electro-conductivity, according to Ref 8;
results - Table 4. It was found that the quality of blast-
furnace coke is determined by properties of its individual
fractions and is non-uniform not only in respect of size
fractions but also in respect of other properties
characterising these size fractions such as strength,

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APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R00092972

(Dnepropetrovsk Metallurgical Plant)
Gosplan of the Ukrainian SSR (V.A. Leytes)

Card 2/2

LEYBONICH R. Ye.

О КАТАЛИТИЧЕСКОМ ДЕЙСТВИИ
РАЗЛИЧНЫХ ВЕЩЕСТВ ПРИ ПИРАЛИЗИ
СЛОЖНЫХ ОРГАНИЧЕСКИХ ВЕЩЕСТВ
(КАМЕННЫХ УГЛЕЙ)

А. С. ВРЖ, Л. А. ВОЗЖЕВ, Г. И. ГОДА,
Р. Е. ЛЕБОНИЧ

VIII Mendeleev Congress for General and Applied Chemistry in
Section of Chemistry and Chemical Technology of Fuels,
publ. by Acad. Sci. USSR, Moscow 1979

abstracts of reports scheduled to be presented at above mentioned congress,
Moscow, 15 March 1979.

S/137/61/000/011/010/123
A060/A101

AUTHORS: Zikeyev, A.S., Leybovich, R.Ye.

TITLE: Method of graduating two-liquid manometers

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 11, 1961, 13, abstract
11B80 ("Sb. nauchn. tr. Dnepropetr. metallurg. in-t", 1959, no. 38,
91 - 94)

TEXT: It has been established that for the measurement of a large number of small pressure drops while studying the motion and distribution of gas flows in furnaces of various designs, two-liquid differential manometers afford the greatest convenience and precision. The design of such a manometer is given. A method of graduation is proposed for two-liquid differential manometers by comparison with the standard micromanometer MM-250. Data are cited for the graduation of two-liquid manometers. It was established experimentally that the calculated and the experimental coefficients do not coincide as result of the insufficient accuracy of determination of the quantities entering the formula. In determining the coefficient indicating the ratio of the value of the drop on the two-liquid

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LEYBOVICH, R.Ye.; LEYTES, V.A.

Methods of determining the heat expended in coking. Koks i khim.
no.4:24-28 '60. (MIRA 13:6)

1. Dnepropetrovskiy metallurgicheskiy institut (for Leybovich)
2. Gosplan USSR (for Leytes)
(Coal--Carbonisation) (Heat--Capacity)

LEYBOVICH, R.Ye.; LEYTES, V.A.; PYZHOV, Yu.V.; SHEYKHET, A.M.

Heat consumption of coking under various temperature conditions.
Koks i khim. no.7:24-25 JI '61. (MIRA 14:9)

1. Dnepropetrovskiy metallurgicheskiy institut (for Leybovich, Pyzhov, Sheykheta).
2. Gosplan USSR (for Leytes).
(Coke ovens)

BRUK, A.S.; OBUKHOVSKIY, Ya.M.; BELETSKIY, V.G.; LEYBOVICH, R.Ye.;
KULESHOV, P.Ya.; GOLUBCHIK, A.L.; SITALO, M.V.; EYDEL'MAN, A.Ye.

Improving the stability of coke quality at the Zaporozh'ye
By-Product Coke Plant. Koks i khim. no.16:10-12 '61.

(MIRA 15:2)

1. Dnepropetrovskiy metallurgicheskiy institut (for Bruk,
Obukhovskiy, Beletskiy, Leybovich). 2. Zaporozhskiy koksokhimi-
cheskiy zavod (for Kuleshov, Golubchik, Sitalo, Eydel'man)
(Zaporozh'ye—Coke)

BRUK, A.S.; LEYBOVICH, R.Ye.; KRAVCHENKO, V.A.; SEREBRENNIKOV, A.A.

Coke for the production of ferroalloys. Koks i khim. no.11:29-31 '62. (MIRA 15:12)

1. Dnepropetrovskiy metallurgicheskiy institut (for Bruk, Leybovich). 2. Zaporozhskiy ferrosplavnyy zavod (for Kravchenko, Serebrennikov).

(Iron alloys—Metallurgy) (Coke)

SEREBRENNIKOV, A.A., inzh.; KRAVCHENKO, V.A., kand.tekhn.nauk; DEKHOV, N.M.,
inzh.; BRUK, A.S., prof., doktor tekhn.nauk; LEYBOVICH, R. Ye., dotsent,
kand.tekhn.nauk; BONCHAROV, V.F., inzh.

^G
Making 75 percent ferrosilicon with molded coke. Stal' 23 no.1:44-46
Ja '63. (MIRA 16:2)

1. Zaporozhskiy zavod ferrosplavov i Dnepropetrovskiy metallurgicheskiy
institut.

(Ferrosilicon—Electrometallurgy)

BRUK, A.S.; LEYBOVICH, R.Ye.; IVANOV, Ye.B.; SMUL'SON, A.S.; BELUKHA,
A.A.; MUCHNIK, D.A.; PARTUSHNAYA, R.M.; Primali uchastiye:
KUTEVOY, P.M.; GOL'DBERG, P.Ya.; NECHAYEVA, A.P.; KUBYSHKINA,
L.I.; SHEYKHET, A.M.; VASIL'CHENKO, S.I.; BARASH, D.A.;
KARPOVA, K.K.; KHODANKOV, A.T.

Effect of temperature changes in the control heating flues on
the quality of the metallurgical coke. Koks i khim. no.7:26-27
'63. (MIRA 16:8)

1. Dnepropetrovskiy metallurgicheskii institut (for Bruk,
Leybovich, Kutevoy, Gol'dberg, Nechayeva, Kubyshkina, Sheykheta).
2. Krivorozhskiy metallurgicheskii zavod (for Ivanov, Smul'son,
Belukha, Muchnik, Partushnaya, Vasil'chenko, Barash, Karpova,
Khodankov).
(Coke ovens) (Coke--Testing)

CHERTOK, V.T.; LEYBOVICH, R.Ye.; IVANOV, Ye.B.; SHCHEGOLEV, S.V.;
FARTUSHNAYA, R.M.; MUCHNIK, D.A.; TSYPIN, A.Z.

Effect of coking time on the quality of coke. Koks i khim.
no.1:23-25 '64. (MIRA 17:2)

1. Pridneprovskiy sovet narodnogo khozyaystva (for Chertok).
2. Dnepropetrovskiy metallurgicheskiy institut (for Leybovich).
3. Krivorozhskiy metallurgicheskiy zavod (for Ivanov,
Shchegolev, Fartushnaya, Muchnik).
4. Koksokhimstantsiya
(for Tsy-pin).

LEYBOVICH, R.Ye.; GOL'DBERG, P.Ya.; RABUKHINA, G.G.

Effect of oxidation on the changes in the cake tendency of coals.
Koks i khim. no.3:3-4 '64. (MIR^A 17:4)

1. Dnepropetrovskiy metallurgicheskiy institut.

KHITRIK, S.I.; GASIK, M.I.; LEYBOVICH, R.Ye.; LAGUNOV, Yu.V.; KUCHER, A.G.

Specific heat of carbonizing an electrode mixture. Stal'
25 no.2:135-136 F '65. (MIRA 18:3)

5(2)

SOV/80-32-5-6/52

AUTHORS:

Ganz, S.N., Vilesov, G.I., Gorkman, S.I., Leybovich, S.B.

TITLE:

The Combination of the Purification Process of a Nitrogen-Hydrogen Mixture From CO₂ With the Preparation of Ammonium Carbonates. Communication I.

PERIODICAL:

Zhurnal prikladnoy khimii, 1959, Vol 32, Nr 5, pp 969-975 (USSR)

ABSTRACT:

The separate and combined absorption of NH₃ and CO₂ depending on the physical-chemical and hydrodynamic conditions of the process is investigated here. For this purpose horizontal rotary absorbers with high rpm were used [Refs 1-4]. At a temperature of 17-18°C and a pressure of 749 mm Hg, the absorption reaches 100% at 250 rpm. If the NH₃ supply is more than 500 m³ per m³ of absorbent . hr, the revolutions must be increased to 850-900 per min. Under highly turbulent conditions the productivity of the apparatus is 40-41 times greater than that of packed columns. The absorption of CO₂ by ammonia water at 18°C and a supply of 500 m³/m³.hr at a CO₂ content of 11.8% in the gas reaches its maximum of 98.5% at 2,000 rpm. An increase of the supply rate reduces the degree of absorption. A maximum of absorption is reached at a CO₂ content of 11% in the gas. The highest

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SOV/80-32-5-6/52

The Combination of the Purification Process of a Nitrogen-Hydrogen Mixture From
CO₂ With the Preparation of Ammonium Carbonates. Communication I.

rate of the process can be attained at a stoichiometric NH₃:CO₂ ratio
1:1. The combined absorption of NH₃ and CO₂ differs only slightly
from the separate absorption. The degree of absorption decreases
with the increase of the ammonium carbonate concentration in the
solution, which is explained by the higher viscosity of the solution
and the higher vapor pressure of NH₃ and CO₂. An excess of ammonia
shows the most favorable results in this case.
There are: 1 diagram, 10 graphs and 4 Soviet references.

SUBMITTED: September 12, 1957

Card 2/2

SOV/80-32-5-7/52

5(2)

AUTHORS: Ganz, S.N., Leybovich, S.B., Gorbman, S.I.

TITLE: The Investigation of the Rate of Conversion of CaSO_4 to $(\text{NH}_4)_2\text{SO}_4$ in Combining This Process With the Absorption of NH_3 and CO_2 Under Highly Turbulent Conditions. Communication II.

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol 32, Nr 5, pp 975-978 (USSR)

ABSTRACT: A rational method of purifying a nitrogen-hydrogen mixture from CO_2 is the combination of this process with the conversion of CaSO_4 to ammonium sulfate. Horizontal rotary apparatuses were used, in which intensive mixing of the gaseous and liquid phases increases the reaction rate. To a 116 g/l solution of $(\text{NH}_4)_2\text{SO}_4$ a finely ground powder of $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ in the amount of 100 g was added. The conversion of gypsum attains 90-94% in a three-minute contact of the two phases at 400-500 rpm. For the absorption of CO_2 the gypsum suspension in the apparatus was saturated with ammonia to 8.4% NH_3 . At 1,200 rpm, 27.5 - 28°C, 750 mm Hg, a gypsum content of 126 g/l and a CO_2 content of 10.6% in the gas, the absorption of CO_2 comes to an end in the 12th minute due to the complete consumption of gypsum and NH_3 , if the supply rate is 250 $\text{m}^3/\text{m}^3\text{.hr}$. The absorption

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SOV/80-32-5-7/52

The Investigation of the Rate of Conversion of CaSO_4 to $(\text{NH}_4)_2\text{SO}_4$ in Combining
This Process With the Absorption of NH_3 and CO_2 Under Highly Turbulent Conditions.
Communication II.

rate is increased with the supply rate. The concentrations of
64 g/l CaSO_4 and 57 g/l $(\text{NH}_4)_2\text{SO}_3$ ensure a maximum of the reaction
rate. The optimum temperature lies between 28 and 38°C.
There are: 3 graphs and 7 Soviet references.

ASSOCIATION: Dnepropetrovskiy khimiko-tehnologicheskii institut (Dnepropetrovsk
Chemical-Technological Institute)

SUBMITTED: September 12, 1957

Card 2/2

5.1105

75664
SOV/80-32-10-13/51

AUTHORS: Ganz, S. N., Leybovich, S. B., Malyshevich, N. A.,
Lokshin, M. A.

TITLE: Investigation of the Rate of CO₂ Absorption by a
Monoethanolamine Solution in a Horizontal Mechanical
Absorber

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol 32, Nr 10 .
pp 2207-2210 (USSR)

ABSTRACT: This is a study of the dependence of the rate (R)
of absorption and of the percentage of CO₂ absorbed
(w) on the following factors: blade shaft rpm (n),
gas volume flow rate (W), % CO₂ in gas (C_g), tem-
perature (T), % monoethanolamine in the solution (C_l), and
degrees of monoethanolamine saturation. Absorption
rates were increased by use of horizontal high-rpm
mechanical absorbers described earlier (Ganz, S. N.,
ZhPKh, 30, 1604 (1957)). (1) Effect of shaft rpm.

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Investigation of the Rate of CO₂ Absorption by
a Monoethanolamine Solution in a Horizontal
Mechanical Absorber

75664
SOV/80-32-10-13/51

Conditions: W , 400 m³/m³ x hr; C_g , 20.3%; 32°;
752 mm Hg; C_L , 30%. Result: 100% absorption at
 $n = 500$ rpm (circumferential speed (v) = 2 m/sec);
at $n > 120$ rpm, w and R decrease smoothly. The
effect of the gas volume flow rate is shown in Fig.
1. Figs. 2 and 3 show the effect of CO₂ concentration
at $W = 400$ m³/m³ x hr; $n = 500$ rpm; 31-32°; $C_g =$
30%; 758 mm Hg. Fig. 4 shows the effect of tem-
perature. The influence of monoethanolamine concentra-
tion and saturation is shown in Figs. 5 and 6, re-
spectively; at $C_L < 10\%$, $w < 90\%$ owing to the low
reaction rate under these conditions. Taking into account
monoethanolamine losses by entrainment, optimum
 $C_L = 30-35\%$. Fig. 7 shows the superiority of mono-
ethanolamine over 20% potash solution. There are
7 figures; and 7 Soviet references.

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Investigation of the Rate of CO₂ Absorption by
a Monoethanolamine Solution in a Horizontal
Mechanical Absorber

75664
SOV/80-32-10-13/51

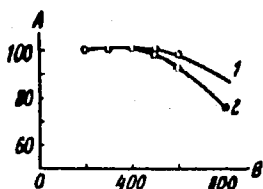


Fig. 1. w vs W : (A) w (%); (B) W ($m^3/m^3 \times hr$); n (rpm): (1) 800 to 900; (2) 500; T , 31° , C_g , 19.4%.

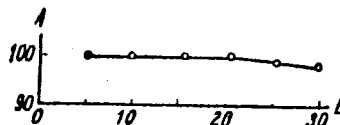


Fig. 2. w vs C_g : (A) w (%); (B) C_g (%).

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Investigation of the Rate of CO₂ Absorption
 in a Monoethanolamine Solution in a Horizontal
 Mechanical Absorber

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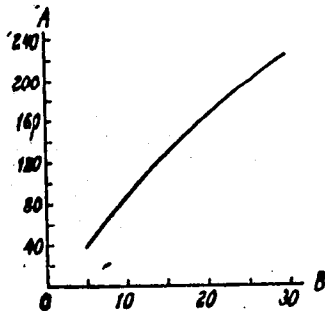


Fig. 3. R vs C_g: (A) R
 (kg/m³ x hr); (B) C_g (%).

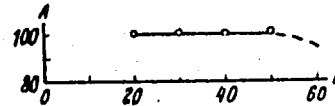


Fig. 4. w vs sorbent tem-
 perature (T): (A) w (%);
 (B) T; P = 754 mm Hg, W = 400
 m³/m³ x hr, n = 500 rpm, C_L
 = 30%, C_g = 18%.

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Investigation of the Rate of CO₂ Absorption by
a Monoethanolamine Solution in a Horizontal
Mechanical Absorber

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SOV/80-32-10-13/51

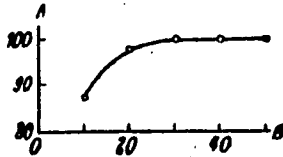


Fig. 5. w vs C_L: (A) w (%);
(B) C_L (%); w = 400 m³/m³ x
hr, n = 500 rpm, T = 37°,
C_g = 18.9%.

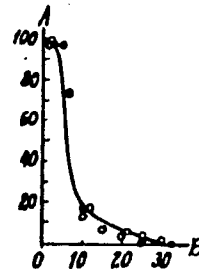


Fig. 6. w vs test duration:
(A) w (%); (B) test duration
(min); initial C_L = 30%, C_g
= 19%, n = 800 rpm, T = 22°,
W = 600 m³/m³ x hr.

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Investigation of the Rate of CO₂ Absorption by
a Monoethanolamine Solution in a Horizontal
Mechanical Absorber

75664

SOV/80-32-10-13/51

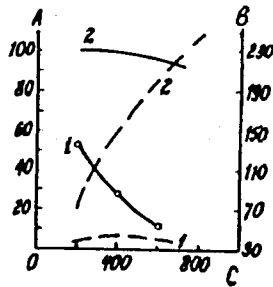


Fig. 7. w , and rate of absorption by potash solution (R_p) and by monoethanolamine (R) vs W : (A) w (%); (B) R and R_p ($\text{kg}/\text{m}^3 \times \text{hr}$); (C) W ($\text{m}^3/\text{m}^3 \times \text{hr}$); Solid line w ; dotted line: R and R_p ; (1) potash, (2) monoethanolamine.

ASSOCIATION: Dnepropetrovsk Chemical Engineering Institute (Dnepropetrovskiy Khimiko-tekhnologicheskii institut)

SUBMITTED: September 25, 1958

Card 6/6

GANZ, Semen Naumovich; Prinyali uchastiye: NEDOBACH, G.G.; TOPIUNENKO, Ye.T.;
LEYBOVICH, S.B.; BRAGINSKAYA, R.I.; DAL', V.I., doktor tekhn. nauk, prof.,
red.; NESTERENKO, A.S., red.; PLETENITSKIY, V.Yu., tekhn. red.

[Technological processes and equipment of the synthesis gas and
fixed nitrogen industries] Tekhnologicheskie protsessy i oborudo-
vanie proizvodstv sintez-gaza i sviazannogo azota. Pod red. V.I.
Dalia. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A.M.Gor'kogo,
1960. 550 p. (MIRA 14:8)
(Gas manufacture and works) (Nitrogen)

LEIBOVITCH T. S.

1033. LEIBOVITCH T. S. Multiple lesions of the cranial nerves due to tumours of the base of the skull *Neuropathology and Psychiatry*, Moscow 1949, 18/2 (46-48)

Case (I): A 47-year-old man, with headaches and disorders of speech and swallowing. Two years before, diplopia, then ptosis of the left side, then ophthalmoplegia. Objectively: disturbances of cranial nerves from II-XIII inclusive on the left and V-XII inclusive on the right. At that time no pyramidal symptoms. After a month's time, Babinski sign on the left and Rossolimo and Gordon on the right. The cerebrospinal fluid without changes. Wassermann in the blood and CSF negative. Operation revealed fibroma coming from the left petrous bone. Case (II): A 49-year-old woman. Paralysis of the Vth, VIth and VIIIth nerves on the left side, followed after two months by paralysis of the IIIrd nerve on the left. Bulbar symptoms. After three months lesion of the IIIrd-XIIth cranial nerves on the left side. Asymmetric reflexes. No change in the fundus oculi or in the spinal fluid. Operation revealed carcinoma of nasal tracts, extending to the base of the skull and meninges. Case (III): A 40-year-old man. Carcinoma of cranial base proceeding from eustachian tube. Conclusions: (1) Severe symptoms involving the cranial nerves, without paralysis of projection tracts, suggest the probability of a tumour of the base of the skull. (2) An absence of changes in the spinal fluid and in the fundus oculi and a lack of symptoms of pressure in the skull are consistent with an epidural tumour of the base of

L 39632-66 CD-2

ACC NR: AP6002880 (A) SOURCE CODE: UR/0286/65/000/024/0039/0039

AUTHOR: Leybovich, V. S.

ORG: none

TITLE: Multichannel pulse and analog controller, Class 21, no.176970
[announced by State All-Union Central Scientific Research Institute of
Integrated Automation (Gosudarstvennyy vsesoyuznyy tsentral'nyy
nauchno-issledovatel'skiy institut kompleksnoy avtomatizatsii)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no.24, 1965, 39

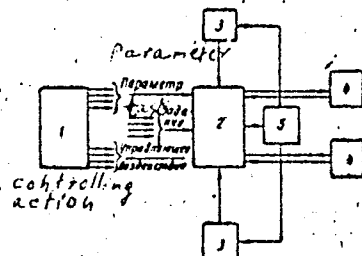
TOPIC TAGS: automatic control, automatic control design, analog system, pulse rate, commutator, parameter

ABSTRACT: The multichannel pulse and analog controller, making use of the simultaneous collection of data of two parameters, is characterized by the fact that it has two regulators, one regulating a parameter in the pulse schedule and the other in the analog schedule, and a control unit for setting up the operating conditions of the regulators. The control unit is connected by selectors to the commutation unit. All this is incorporated in the design for the purpose of simultaneous control of two parameters and for improving the quality of control.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R00092972

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L 39632-66
ACC NR: AP6002880



1. controlled medium, 2. commutation unit, 3. selectors, 4. regulators, 5. control unit

SUBM DATE: 13Aug64

LEYBOVICH, E. A.

PA 22T44

USSR/Engineering
Cranes, Electric
Motors, Electric
Aug 1947

"Starting Load of Crane Engines with Closed Circuit Motors," E. A. Leybovich, 2½ pp

"Elektrichestvo" No 8

Normal asynchronous motors with closed circuit rotors are finding wide use in industrial machines which operate at regulated speeds for recurrent short periods of time. The author discusses the loss in motors with multiple-stepped starters and braking, and gives several graphs on the loss occurring in rotors.

22T44

LEIBOVICH, YE. A. (1) AND (2) CODES

PROCESSES AND PROPERTIES INDEX

340 AND 4TH CODES

SA

R 64

783. A.c. equipment for metallurgical bridge cranes. LEIBOVICH, E. A. AND RABNOVICH, A. A. *Vestn. Elektrom.* (No. 8) 8-13 (1948) *In Russian.*—A technical and economic comparison is given of a.c. and d.c. drives for bridge cranes as used in metallurgical plants both for maintenance and assembly. Wide application of 3-ph. equipment, particularly the use of induction motors, is suggested. Magnetic brakes would still have to be fed from d.c. via converters or metal rectifiers; a general use of timing relays for acceleration and deceleration controls is recommended. A. L.

ASME METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBOL	FROM SYMBOL																																																																																																																																																																																																								
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LEYBOVICH, Ye. A.

USSR/Electricity
Cranes, Electric
Drives, Electric

Apr 49

"Review of A. G. Mekler's 'Electric Drive for Crane Machinery,'" Dr. I. I. Petrov, Cand
Tech Sci, Head of Chair of Elec Drive, All-Union Power Eng Corr Inst, V. I. Petrov, Cand
Tech Sci, Moscow Higher Tech School imeni Bauman, Dr. L. B. Geyler, Cand Tech Sci, Sr Sci
Collaborator (TsNIELA), M. M. Sinaykiy, Chief Engr, "Dynamo" Factory imeni Kirov, Ye. A.
Leybovich, "Dynamo" Factory imeni Kirov, 2 pp

"Elektrichestvo" No 4

Highly critical review of subject book. Author did not test a single crane motor, either
in laboratory or in industry. All of his calculations (most of which were erroneous) were
for models. Concludes that publishing house made a mistake in publishing book.

PA 39/49T29

58/49749

USSR/Electricity

Motors

Rheostats

Jun 49

"Rated Load With Motor Starting by Rheostat,"
Ye. A. Leybovich, Laureate of Stalin Prize,
Kuzb, Dzinamo Factory imeni S. M. Kirov, 42 pp
"Vest Elektro-Prom" Vol XX, No 6

Author points out possibility of dividing
starting characteristic curve into segments
approximating linear relationship between
speed and torque, thereby permitting simpli-
fied calculation of the starting period.

58/49749

USSR/Electricity (Contd)

Jun 49

Method is applicable to asynchronous and DC
motors with any type of excitation. Derives
universal formula to calculate loads and
resistance during rheostatic starting, and
for constructing curves and nomograms for
practical computations.

58/49749

LEYBOVICH, YE. A.

PA 167T39

USSR/Electricity - Induction Motors
Regulation

Sep 50

"Unsymmetrical Connection of Two Mechanically
Coupled Induction Motors," Ye. A. Leybovich, Moscow

"Elektrichestvo" No 9, pp 37-39

Wide use of induction motors makes desirable further
improvement for approximating flexible characteris-
tics of dc motors. Solves problem of how to obtain
intermediate regulating-braking characteristics by
using single-phase connection scheme for two paired
motors, to obtain basic braking characteristic.

167T39

~~LEYBOVICH~~, Yevgeniy Abramovich, kandidat tekhnicheskikh nauk; DEMIN, Aleksandr Vasil'yevich, inzhener; ROMANOV, Viktor Alekseyevich, inzhener; YAURE, Andrey Georgiyevich, inzhener; MELEYZV, A.S., redaktor; TIKHONOVA, Ye.A., tekhnicheskij redaktor

[Automatic electric winches for towing] Avtomaticheskie elektricheskie buksirnye lebedki. Moskva, Izd-vo "Morskoi transport," 1957. 88 p. (MLRA 10:8)

1. Tsentral'noye proyektno-konstruktorskoye byuro -4 Ministerstva Morskogo Flota (for Demin). 2. Zavod "Dinamo" (for Leybovich, Yaure) (Winches) (Towing)

LEYBOVICH, Ye., kand.tekhn.nauk, inzhener

Operational reliability of hoisting devices with short-circuited
electric drives. Mor. flot 22 no.5:14-16 My '62. (MIRA 15:5)
(Winches--Electric drives)

LEYBOVICH, Ye.A., kand.tekhn.nauk (Moskva)

Determination of losses in the function of the initial and final
operating conditions of an electric drive. Elektrichestvo no.12:
66-68 D '62. (MIRA 15:12)
(Electric motors) (Electric driving)

LEYBOVICH, Ye.I.

Use of the Shkliar microcentrifuge for the preparation of plasma for prothrombin examination by the Tugolukov micromethod. Lab. delo no.1: 57-58 '64. (MIRA 17:4)

1. Spetsializirovannaya brigada po bor'be tromboembolicheskimi zabolevaniyami pri Kiyevskoy stantsii skoroy meditsinskoy pomoshchi (nachal'nik - zasluzhennyy vrach UkrSSR N.A.Lengauer).

LEYBOVICH, Ye.M.

Variable star TX Delphini. Per.zvezdy 9 no.2:162-164 N '52.
(MLBA 7:2)

1. Tashkentskaya astronomicheskaya observatoriya. (Stars, Variable)

ISHCHENKO, I.M.; LEYBOVICH, Ye.M.

Eclipsing variable stars V609 Aquilae and DM Delphini
[with summary in German]. Per.zvezdy 10 no.6:403-405
Jl '55.

(MLRA 10:2)

1. Tashkentskaya astronomicheskaya observatoriya AN UzSSR.
(Stars, Variable)

MATYNOV, I.V., KRUGLYAK, Yu.L.; LEYBOVSKAYA, G.A.

Reaction of olefin halides with nitrogen tetroxide in the
presence of ammonium chloride. Zhur.VKHO 10 no.5:591-592
'65. (MIRA 18:11)

ACC NR: AP6030557

SOURCE CODE: UR/0413/66/000/016/0032/0032

INVENTOR: Martynov, I. V.; Kruglyak, Yu. L.; Gololobov, Yu. G.; Leybovakaya, G. A.

ORG: none

TITLE: Preparation of mixed esters of diethylphosphoric acid and oximes of glyoxalic acid esters. Class 12, No. 184852

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 32

...nitro compound,
diethylphosphoric acid ester, glyoxalic acid oxime, trialkyl phosphate, phosphoric acid, organic oxime compound, acetate, chlorine compound

ABSTRACT: To obtain physiologically active compounds of mixed esters of ethylphosphoric acid and oximes of glyoxalic acid esters, chloronitroacetates are treated with trialkyl phosphites with cooling, then the reaction mixture is heated to 50°. [WA-50; CBE No. 11]

SUB CODE: 07/ SUBM DATE: 26May62/

Card 1/1

UDC: 547.419.1.07

AUTHORS: Leybovskiy, M.G., Vvedenskiy, T.A. SOV/32-24-9-48/53

TITLE: News in Brief (Korotkiye soobshcheniya)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 9, pp 1161-1161 (USSR)

ABSTRACT: M.G. Leybovskiy proposes a rheometer with a special trap connected directly to the manometer tube. The separated liquid falls into the trap-container from where it may be refilled into the manometer tube. The rheometer can be used with a diaphragm as well as with a capillary. A diagram of it is given.-T.A. Vvedenskiy (Moskovskiy avtomobil'nyy zavod im.Likhacheva) (Moscow Automobile Factory imeni Likhachev) makes known that factory standards have been issued for standardized laboratory furniture for use in the laboratory of that factory. Two types of working tables were standardized (a big and a small one); they have a certain shape and require a corresponding manufacture. There is 1 figure.

ASSOCIATION: Moskovskiy avtomobil'nyy zavod im.Likhacheva (Moscow Automobile Factory imeni Likhachev)

Card 1/2

LEVI, G.S.; SHIRIL', Ye.M.; LEYBOVICH-MIRONENKO, A.A.; SUKMANSKIY, Ye.I.

Gastrointestinal diseases in children caused by intestinal bacilli
of pathogenic serotypes. Vop. okh. mat. i det. 6 no.10:94, 0 '61.
(MIRA 14:11)

1. Iz kafedry gosital'noy pediatrii Odesskogo meditsinskogo
instituta imeni N.I.Pirogova i Detskoy klinicheskoy bol'nitsy.
(ESCHERICHIA COLI) (INTESTINES—DISEASES)

LEYBSON, K.L.

Integral points inside ellipsoids in connection with Hecke's
theory of operators. Vest. LGU 20 no.1:153-155 '65.

(MIRA 18:2)

PROCESSES AND PROPERTIES INDEX

112

02

Regulation of the blood-sugar level in relation to the sexual cycle. I. Alimentary hyperglucemia at various phases of the ovarian cycle in dogs. L. C. Leibson and R. S. Leibson. *J. Physiol. U. S. S. R.* 28, 619-28 (in German, 628-9) (1940).—Hyperglucemia (II) was induced in 2 bitches by feeding cane sugar. Diets, made every 3-4 days for 5-10 months, showed a fluctuation of I, concurring with the estrus cycle: a rise during the second half of anestrus, an incipient fall at the beginning of proestrus, a low at the start of metestrus and a median level at other times of the cycle. The normal blood sugar level is not affected during the cycle. The fluctuations during I may be explained by the participation of endocrine glands influencing carbohydrate metabolism during the menstrual cycle in women. T. Laanes

Common Elements

Common Variants Index

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

PROCESSING AND PROPERTIES INDEX

137 AND 138 GROUPS

117

ca

Neural and humoral regulation of the blood-sugar content in ontogenesis. I. Blood-sugar content in the chick embryo and young chicks. I. G. Leibson and R. S. Leibson. *Bull. acad. sci. U. R. S. S., Ser. biol.* 1943, 13:9 (English summary, 100).—On the basis of blood-sugar detns. in chick embryos and young chicks the authors showed that the embryos exhibit a considerable stability of glycemia on the 7th day of development. Since that age (7 days) was the lowest tried, the possibility exists that stabilization may occur at even earlier period. The glycemia level in chick embryos suffers a gradual rise with the embryo development: between 7 and 10 days the rise is rather more intensive than it is between 10 and 13 days, then from 13 to 18 days it is increased again, and becomes especially significant after the 18th day and continues for 2 days after hatching. In the course of the next 5-6 weeks no significant changes could be found. A slight decrease is observed beyond that age. The chick glycemia level is higher than that of mature birds.
G. M. Krasulov

METALLURGICAL LITERATURE CLASSIFICATION

E-Z

LEYBSON, L.

"The Air Unriddled, A Tale from History of Chemistry and Physiology. (Trans. on the Composition of the Air), Moscow - Leningrad, 1945. (p.476) by Leybson, L.

SO: Progress of Contemporary Biology (Uspekhi Sovremennoi Biologii) 1948, Vol. XXV No. 3, May - June.

LEYBSON, L.G.

Endocrine
Embryology

Sep/Oct 48

"Review of A. N. Studitskiy's 'The Endocrine Correlations in the Embryonic Development of Higher Vertebrates,'" L. G. Leybson, 3 pp

"Zhurnal Sovetskoy Biol" Vol XXVI, No 2 (5)

Herbert, scientists have concentrated on the early stages of embryogenesis rather than on the later stages of development when the embryonic organs begin to function. Doob is important because it corrects this defect. From author's data, it is impossible to disagree with his conclusion that "the regulatory function of the endocrine glands in higher vertebrates in the early stages of ontogenesis obviously exists."

60/4878

ca

117

Nervous and humoral regulation of blood-sugar content in the process of ontogenesis. III. Effect of ephedrine on blood sugar in chick embryo. L. G. Leybson
Mol. Zhur. S.S.S.R. 35, No. 1, 114-23(1949); cf. C.A. 38, 149. --Injection of 3-20 mg. ephedrine into the egg (through a hole in the shell) with 7-17 day embryos failed to induce hyperglycemia. A few cases of hypoglycemia were observed in older embryos (9 to 13 days). The latter effect is explained by low liver glycogen in the young embryos, readily affected by metabolic disturbance due to ephedrine. G. M. Kosolapoff

CA

11F

Glycogen content of the liver in chick embryos in various stages of incubation. *J. G. Laktionov* (Acad. Med. Sci. U.S.S.R., Moscow). *Fiziol. Zhur. (J. Physiol.)* 36, 191-202(1950).—The glycogen content of chick-embryo liver, starting at 0.5% at 9 days falls rapidly to 0.1% by the 12th day, rises rapidly to 2.5% by the 19th day, then falls precipitously to 0.9% by the 21st day. The possible factors affecting these changes are discussed in considerable detail.
G. M. Kosolapoff

CA LEBSON, L. G.

11-11

Nervous and humoral regulation of blood-sugar content in ontogenesis. IV. Effect of ephedrine on blood-sugar content in chick embryos. L. G. Lebson. *Fiziol. Zhur. S.S.S.R.* 36, 696-703 (1950); *cf.* 43, 5998i; 44, 8454c.—The hypoglycemic effect of ephedrine administered into the egg is shown more clearly when the interval between the administration and analysis of the blood sample is increased (0-14 hrs.). The greatest drop takes place in 9-12 day specimens; it is irregular in 13-17 day specimens and is absent in older chicks. A weak effect occurs in 7-8 day embryos.
G. M. Kosolapoff

CA

11F

The effect of insulin on the content of glycogen in the liver of chick embryos. L. G. Leifson (Evolut. Physiol. Inst., Koltushi). *Fiziol. Zhur. S.S.S.R.* 37, 343-8 (1951); cf. *Izv. Akad. Nauk S.S.S.R., Ser. Biol.* 1943, 176.— Introduction of insulin into the eggs contg. 9-13-day embryos increases their liver glycogen; older embryos do not exhibit this effect (this indicates that at later stages of development liver already takes over its control of the insulin reaction on the organism). The increase is particularly great (about 300%) in 12-day embryos and is completely gone in specimens of over 14 days of age. Insulin was administered 6-10 hrs. before the liver analysis. G. M. K.

CA

116

Effect of ephedrine on the content of glycogen in the liver of hen embryos. L. G. Lel'baev, U. P. Pavlov Acad. Med. Sci. U.S.S.R., Koltunsk. *Ann. Zhur. S.S.S.R.* 38, 100-1 (1952); cf. *C.A.* 48, 10300d. — Ephedrine causes hypoglycemia in chicks in early stages of development. In 8-13-day-old specimens the liver glycogen becomes almost nonexistent after administration of ephedrine (5-40 mg.); older embryos (14-16 days) show only a temporary hypoglycemia and the liver glycogen declines only moderately. In 17-day-old specimens hypoglycemia is absent and liver glycogen is essentially unaffected. G. M. Kosolapoff

LEYBSON, L.G.: KOMAROVA, T.F.

Glycemic reaction to sugar in dogs with different types of higher nervous activity. Trudy Inst.fiziol. no.2:212-227 '53. (MLRA 7:5)

1. Laboratoriya eksperimental'noy genetiki vysshey nervnoy deyatel'nosti (zaveduyushchiy - V.K.Krasuskiy). (Nervous system)
(Sugar in the body)

LEYBSON, L. G.

"Regulation of the Sugar Content of the Blood in Adult and Developing Organisms." Dr Biol Sci, Inst of Physiology imeni Il P. Pavlov, Acad Sci USSR (Apr-Jun 54) (Short summary available). (Vest Ak Nauk, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

LEYBSON, L.G.

LEYBSON, L.G.

Glycemic reaction to insulin in dogs with various types of higher nervous activity. Zhmr.vys. nerv.deiat. 4 no.4:526-536 J1-Ag '54.
(MLRA 8:3)

1. Institut fiziologii im. I.P.Pavlova Akademii nauk SSSR.
(CENTRAL NERVOUS SYSTEM, physiology,
higher nervous funct., relation to hypoglycemic reaction
to insulin in dogs)
(INSULIN, effects,
on blood sugar, relation to higher nervous funct. in dogs)

LEYBSON, L.G.

Alimentary hyperglycemia in dogs with different types of higher nervous activity. Trudy Vses. ob-va fiziol., biokhim. i farm. 3:91-94 '56 (MLRA 10:4)

1. Institut fiziologii im. I.P. Pavlova Akademii nauk SSSR.
(TEMPERAMENT) (HYPERGLYCEMIA)

LEYBSON, L.G.; KOMAROVA, T.F.

Peculiarities of the glyceimic reaction to sugar intake in dogs with different types of nervous systems under the effect of chloral hydrate and caffeine. Trudy Inst.fiziol. 5:239-247 '56. (MIRA 10:1)

1. Laboratoriya eksperimental'noy genetiki vysshey nervnoy deyatel'nosti. Zaveduyushchiy - V.K.Krasuskiy.

(TEMPERAMENT) (SUGAR IN THE BODY)
(CAFFEINE—PHYSIOLOGICAL EFFECT) (CHLORAL)

LEYBSON, I.G.

Changes in the sensitivity to insulin during its repeated injection to dogs with different types of higher nervous activity. Trudy Inst. fiziol. 5:248-256 '56. (MLRA 10:1)

1. Laboratoriya eksperimental'noy genetiki vysshey nervnoy deyatel'nosti. Zaveduyushchiy - V.K.Krasuskiy.
(TEMPERAMENT) (INSULIN)

LEYBSON, L.G. (Leningrad)

Estrogens; their formation, metabolism, methods of determination and quantity in the body. Probl, endok. i gorm. 3 no.2:91-102 Mr-Apr '57.
(ESTROGENS (MIRA 10:10)
review (Rus))

LEIBSON, L.G.

Claude Bernard's "sugar puncture." Trudy Inst. ist. est. 1 tekh.
14:227-301 '57. (MIRA 11:4)
(LIVER--GLYCOGENIC FUNCTION) (BERNARD, CLAUDE, 1813-1878)

LEYBSON, L.G. : LEYBSON, R.S.

Regulation of blood sugar content in cerebral injuries in humans
[with summary in French]. Zhur.nevr. i psikh. 57 no.5:615-618 '57.
(MLRA 10:8)

1. Institut evoliutsionnoy fiziologii imeni I.M.Sechenova (dir. -
akademik L.A.Orbeli) AN SSSR, Leningrad
(BRAIN, wounds and injuries,
blood sugar in (Rus))

LEYBSON, L.G.

Urinary excretion of estrogens in women of various age groups [with summary in English]. Probl.endok. i gorm. 4 no.3:60-64 My-Je '58

1. Iz laboratorii vozrastnoy fiziologii i patologii chloveka (zav. - chlen-korrespondent AMN SSSR prof. V.G. Baranov) Instituta fiziologii imeni I.P. Pavlova AN SSSR.

(ESTROGENS, in urine,
age factor in women (Rus))

(AGING, effects,
on urinary estrogens in women (Rus))

~~LEIBSON, L.G.~~, doktor biol.nauk

Outstanding Soviet physiologist. Zdorov'ie 4 no.6:6-8 Ja '58 (MIRA 11:6)
(ORBELI, LEON ABOAROVICH, 1882-)

GINETSINSKIY, A.G., otv.red.; BIRYUKOV, D.A., red.; KARAMYAN, A.I., red.;
KASATKIN, N.I., red.; LEYBSON, L.G., red.; LICHKO, A.Ye., red.;
SHERSTOBITOV, O.Ye., red, izd-va; BOCHEVER, V.T., tekhn.red.

[Evolution of physiological functions; materials of the Second Conference honoring the memory of Academician L.A.Orbeli, March 17-21, 1959] Evoliutsiia fiziologicheskikh funktsii; materialy vtorogo nauchnogo soveshchaniia posviashchennogo pamiati akademika L.A.Orbeli, 17-21 marta 1959 g. Moskva, 1960. 230 p.

(MIRA 13:6)

1. Akademiya nauk SSSR. Institut evolyutsionnoy fiziologii.
2. Otdel sravnitel'noy fiziologii i patologii Instituta eksperimental'noy meditsiny AMN SSSR (for Biryukov).
3. Laboratoriya evolyutsii analizatorov Instituta evolyutsionnoy fiziologii im. I.M.Sechenova AN SSSR (for Kasatkin).
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AUTHOR: Leybson, L.G.; Plisetskaya, E. M.; Ogorodnikova, L.G.

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TITLE: Permeability of embryonic muscle to pentoses and the effect of insulin 22

SOURCE: Zhurnal evolyutsionnoy biokhimi i fiziologii, v. 1, no. 2, 1965, 138, 144.

TOPIC TAGS: muscle physiology, experiment animal, carbohydrate, hormone, endocrinology

ABSTRACT: The sartorius muscles were isolated from 13-17-day old chick embryos and 1-5 day old chicks. One of the pair of muscles was placed in a 300 mg % solution of a pentose (l-arabinase or d-xylase) and the other was placed in the same solution with the addition of 0.1 units of insulin milliliter. The concentration of pentose passing from the solution into the muscles reached a maximum after one hour. This maximum did not depend on age. Insulin showed no effect either on the maximum amount of pentose passing from the solution into the muscle or on the rate of penetration, and this held equally true for embryos less than 15 days old and older embryos. The results call into question the assumption that the stimulative effect of insulin on glucose absorption by muscles of embryos older than 15 days should be attributed to the effect of the hormone on the permeability of the membrane. Orig. art. has: 6 figures and 1 table. [JPRS]

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