

Electric Hygrometers

SOV/32-24-9-14/53

up can also be used with this scheme. Either of the apparatus described are introduced at the Bryanskiy mashinostroitel'nyy zavod (Bryansk Machine Building Factory) There are 3 figures and 2 references, which are Soviet.

ASSOCIATION: Bryanskiy institut transportnogo mashinostroyeniya i Bryanskiy mashinostroitel'nyy zavod (Bryansk Institute of Transport-Machine Building, and Bryansk Machine Building Factory)

Card 2/2

LESKOVA, G. P.

Leskova, G. P. -- "Acquaintance of Children with the Work of Adults in School Hours in the Older Kindergarten Group." Leningrad State Pedagogical Inst imeni A. I. Gertsen, Chair of Preschool Pedagogics, Leningrad, 1955 (Dissertation for the Degree of Candidate of Pedagogical Sciences)

SO: Knizhnaya Letopis', No. 24, Moscow, Jun 55, pp 91-104

LOSEV, David Platonovich; POLISAR, Grigoriy Leyzerovich; FILINOV,
Yuriy Polikarpovich; AFOSHIN, A.N., kand. tekhn.nauk, retsen-
zent; SANCHEKO, L.I., inzh., retsen-zent; SMIRNOV, A.S., kand.
tekhn. nauk, nauchnyy red.; LESKOVA, L.R., red.; KENAKOVA, D.M.,
tekhn. red.

[Elements and networks of contactless remote control devices]
Elementy i uzly beskontaktnykh telemekhanicheskikh ustroystv.
Elementy i uzly beskontaktnykh telemekhanicheskikh ustroystv.
Leningrad, Sudpromgiz, 1962. 246 p. (MIRA 15:12)
(Remote control) (Pulse techniques (Electronics))

LEŠKOVÁ, O.

Chemical Abstracts
May 25, 1954
Biological Chemistry

③
A/ Biological effect of some microelements. L. Pastřík and
O. Lešková (Slovenská Univ., Bratislava, Czech.). *Chem.
Zvesti* 7, 370-60 (1953).—An addn. of a mixt. of microele-
ments "ME-49" and "ME-50," in low concn. has a favor-
able stimulating effect on the vegetative development of
radish (*Raphanus sativus*), while in high concn. it has re-
tarding effect. The biometric evaluation is not as convincing
as in the other plants. Cf. *C.A.* 46, 4066i, 4007a.
Jan Mickr--

CZECHOSLOVAKIA

Oлга LASZOVA, Virologist, Institute of the Czechoslovak Academy of Sciences
(Virologický ústav Československé akademie věd), Bratislava.

"Histological Changes in White Clover Infected with the Paratubur
Virus."

Bratislava, *Fitologia*, Vol 17, No 12, 1967; pp 357-360.

Abstract (German summary modified): *Trifolium repens* was infected with
paratubur virus by means of the cicada *Cuscuta plebeia* Fabr.; this
resulted in chlorosis, deformation of leaves and various cytologic
changes which were studied in detail and are discussed. Four
photomicrographs; 2 English 1 German and 1 Czech reference.

LESKOVA, Ye.A.; PROSHIN, V.T.; STEPANOV, L.S.

Some characteristics of jet streams over the northwestern part of
the Pacific Ocean. Trudy Dal'nevost. NIGMI no.12:45-51 '61.
(MIRA 14:12)

(Jet stream)

BARABASHKINA, A.P.; LESKOVA, Ye.A.

Studying typhoons blowing into the Sea of Japan and the Maritime
Territory. Trudy Dal'nevost. NIGMI no.3:3-32 '58. (MIRA 11:12)

(Japan, Sea of--Typhoons) (Maritime Territory--Typhoons)

BARABASHKINA, A.P.; LESKOVA, Ye.A.

Natural synoptic periods in Eastern Siberia and the Far East.
Trudy Dal'nevost. NIGMI no.3:33-46 ' 58. (MIRA 11:12)
(Siberia, Eastern--Weather research)
(Soviet Far East--Weather research)

LESKOVA, Ye.A.

Extremely warm and extremely cold synoptic winter seasons in
eastern Asia. Trudy Dal'nevost.NIGMI no.10:3-37 '60.
(MIRA 13:8)

(Siberia, Eastern--Winter)

34143
S/169/62/000/001/053/083
D228/D302

3,5140 (1041)

AUTHORS:

Leskova, Ye. A., Proshin, V. T. and Stepanov, L. S.

TITLE:

Some characteristics of jet streams over the Pacific Ocean's north-western part

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 1, 1962, 49, abstract 1B317 (Tr. Dal'nevost. n.-i. gidrometeorol. in-ta, no. 12, 1961, 45-51)

TEXT: The results are given for observations during the third voyage of the expedition ship "A. I. Voyeykov" from January 9 to February 22, 1960. The material relates to two periods. The first covers soundings from January 19 to February 9 during the ship's movement from north to south; their results are presented in a space-time section from 45°N, 160°E to 10°N, 150°E. The soundings from February 10 to 20 -- made during the ship's movement from south to north and presented in a section from 10°N, 150°E to 42°N, 133°E -- refer to the second period. In the first section a powerful subtropical jet stream with a wind speed of 150 m/sec is found

Card 1/4

34143

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D228/D302

Some characteristics of ...

at a height of 12 km in the zone 30 - 33°N. It corresponds to an intense tropospheric front in which the temperature contrast reaches 2.4°/100 km at a height of 6 km and 3.3°/100 km at an altitude of 8 km. Another jet-stream nucleus with a wind velocity of about 70 m/sec at the center is observed at 22 - 24°N at a height of 13 km. This is likewise a subtropical jet stream which has weakened and moved southwards. The preserved but latitudinally small tropospheric-front zone, in which the temperature contrast equals 3.1° per 100 km, also corresponds to it. At a height of 7 - 11 km between the extra- and subtropical jet streams the wind speed declines to 45 m/sec while keeping a westerly direction. The same decrease in the wind velocity, but with a change in the direction, is also observed to the south of the second subtropical jet. Starting from 20 - 24°N in the lower layers and from 19°N, too, at a height of 8 - 15 km south-westerly air streams change into southerlies and south-easterlies. In addition the velocity of the south-easterly flow grows with altitude, and a comparatively narrow zone of south-easterly winds with a speed of about 30 m/sec is found in

Card 2/4

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D228/D302

Some characteristics of ...

the 13 - 16 km layer in the area of 16 - 17°N. This is a south-easterly jet stream, formed on the south-western periphery of the Pacific Ocean anticyclone; depending on the measure of the vessel's southwards movement and on its withdrawal towards the southern periphery of the anticyclone, the jet stream gave place to a purely easterly flow with a wind velocity of 10 - 12 m/sec. The lower boundary of the jet stream is situated at an average height of 5 km. In the tropospheric-front region, however, especially on the first section, the descent of the lower boundary of the jet stream to a height of 2 - 3 km was observed. The growth of the wind speed to the heart of the jet is noted from the 5 km level. The unusual intensity of the subtropical jet stream is mentioned. This is explained by the development of a deep cyclone in the observational zone, with pressures of down to 946 mb at its center. Such an intense process over the ocean was also accompanied by the abrupt meridionality of the air streams above the land. This in its turn promoted the formation of an unusually intense high-altitude frontal zone and a powerful subtropical jet stream

Card 3/4

31113

S/169/62/000/001/053/083
D228/D302

Some characteristics of ..

which has not been considered above. 5 references. [Abstracter's
note: Complete translation.]

Card 4/4

KIBAL'CHICH, P.M., LESKOVA, Ye.S.

Introduction of *Dichroa febrifuga* in the U.S.S.R. as a source of an effective remedy against malaria. Apt.delo 7 no.4:17-22 J1-Ag'58
(MIRA 11:8)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromatticheskikh rasteniy Ministerstva zdavookhraneniya SSSR.
(DICHROA)
(ANTIMALARIALS)

LESKOVA, Ye.S.

Biology of germination in *Dichroa febrifuga* Lour. Bot.zhur.
44 no.9:1344-1347 S '59. (MIRA 13:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy, p/o Vilar Moskovskaya oblast'.
(*Dichroa*) (Germination)

LESKOVA, Ye.S.

Biology of *Peucedanum* spp., the source of a new antitumorigenic drug.
Bot. zhur. 45 no.9:1360-1362 S '60. (MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i
aromaticheskikh rasteniy, Moskovskaya oblast'.
(Peucedanium) (Cytotoxic drugs)

LESKOVA, Ye.S., kand.biologicheskikh nauk

Problems pertaining to the introduction of elecampane for cultivation. Agrobiologia no.5:764-765 S-O '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticeskikh rasteniy, otdel botaniki.
(Elecampane)

LESKOVA, Ye.S.

Germination of the seeds of Cochlearia arctica. Agrobiologia
no. 1:135-136 Ja-F '61. (MIRA 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy.
(Cochlearia) (Germination)

KIBAL'CHICH, P.N.; LESKOVA, Ye.S.

Biological characteristics of the common yarrow. Agrobiologiya
no.2:303-304, Mr-Apr '61. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy, Moskovskaya oblast'.
(Yarrow)

LESKOVA, Ye.S.

Studying the biology of seed germination in some plant species.
Biul. Glav. bot. sada no.41:87-92 '61. (MIRA 14:11)

1. Botanicheskiy sad Vsesoyuznogo instituta lekarstvennykh i
aromaticheskikh rasteniy. (Germination)

LESKOVA, Ye.S.

Biology of Cochlearia arctica Schlecht., a new medicinal plant
with hypotensive effect. Bot. zhur. 46 no.8:1205-1208 Ag '61.
(MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy.
(Cochlearia)

VARLAKOV, Mikhail Nikolayevich [deceased]; TUROVA, A.D., prof., doktor
med. nauk; LESKOVA, Ye.S., red.; BASHMAKOV, G.M., tekhn.red.

[Selected works] Izbrannye trudy. Sost. i otredaktirovala
A.D.Turova. Moskva, Medgiz, 1963. 170 p. (MIRA 16:6)
(BOTANY, MEDICAL)

LESKOVA, Ye.S.

Biological characteristics of Vincetoxicum officinale. Bot.zhur. 48
no.2:255-258 F '63. (MIRA 16:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy, Moskva.
(Vincetoxicum)

LESKOVA, Ye.S.

Intravarietal and intervarietal hybridization of oilseed poppy.
Agrobiologia no.4:619-621 J1-Ag '63. (MIRA 16:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy, Moskva.
(Poppy breeding)

LESKOVA, Ye.S., kand. biolog. nauk

Biological characteristics of the burnet *Sanguisorba officinalis*.
Agrobiologiya no.2:309-310 Mr-Apr '64. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstven-
nykh i aromaticeskikh rasteniy.

LEKOVA, Ye.S.; REZNIKOVA, S.A.; DAMIDOVA, I.M.

Morphological and cytological study of Senecio platynhyloides. Biol. Gruz. tot. sa'k no. 1980, 1980, 1980.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarnykh i aromaticeskikh rasteniy.

ARBAL, J.; LESKOVA, Zuzana; LONGAUEROVA, Daria

Effect of lowered incubation temperatures on Nucleic acid and protein synthesis by a mesophilic and a psychrophilic bacterium. Folia microbiol. (Praha) 10 no.3:168-175 My'65.

1. Department of Microbiology, Research Institute of the Refrigerating Industry, Bratislava.

LESKOVAR, Branko (Zagreb)

Probability density function of the envelope of a sine wave superimposed on a narrow-band Gaussian noise for the coherent detection. Glas mat fiz Hrv 17 no.3/4:243-253 '62 [publ.'63]

1. Institut "Ruder Boskovic", Zagreb.

LEKOVAN, M.

Determination of losses in a derivation system of a hydroelectric power plant by two measurements during operation. p. 214. Vol. 5, no. 4, July/Aug. 1955. Elektropriroda.

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

LESKOVAR, M.

Nuclear energy and our electric industries. (To be contd.) p. 6.
(GLASNIK, Vol. 5, No. 4/5, 1956

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

LESKOVAR, M.

Economical considerations of electric power transmission to great distances. p. 357

ELEKTROPRIVREDA, Beograd, Vol 9, No. 7, July, 1956

SO: East European Accessions List, Vol 5, No. 10, Oct., 1956

LESKOVAR, M.

"Reorganization of thermoelectric plants and prospective planning."

p. 284 (Energija) Vol. 6, no. 9/10, Sept./Oct. 1957
Zagreb, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

LESKOVAR, M.

"The consumption of electric power is doubling every ten years."

p. 351 (Energija) Vol. 6, no. 11/12, Nov./Dec. 1957
Zagreb, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 1,
April 1958

LEKOVAC, L.

Water power of Yugoslavia. p. 206.

PNHAGIJA. (Zajednica elektroprivrednih poduzeća Hrvatske i Institut za elektroprivredu u Zagrebu) Zagreb, Yugoslavia. Vol. 3, no. 7/8 July/Aug. 1980.

Monthly List of East European Accessions (E.A.) 12, Vol. 9, no. 1, Jan. 1980.

Uncl.

LESKOVAR, Marjan, inz.

Tariff rates and use of electric power in households. Elektroprivreda
16 no.1:35-41 Ja '63.

1. Clan Redakcionog odbora za Hrvatsku, "Elektroprivreda."

LESKOVAR, Marij n. dipl. inž. (Zagreb)

Short-term prognosis of the flow for the hydroelectric power plant on the Cetina River. *Geografija* Nov 13 no 5:285-289 '64.

1. Senior Technical Consultant of the Industrial Building Association, Zagreb, and Intern. Institute of the Institute of Electric Industries, Zagreb, *Iskustva* a 7.

LESKOVAR, Marijan, inz.

"Equilibrium chambers" by Alfred Stucky. Reviewed by Marijan
Leskovar. Energija Hrv 12 no.1/2:59-60 '63.

LESKOVAR, Marijan, ing. (Zagreb)

Prognostication on the basis of statistical methods. Energija Hrv 10
no. 9/10:287-292 '61.

1. Institut za elektroprivredn, Zagreb, 'roleterskih brigada 37.

LESKOVAR, Polde, ing.

Pressing by high-frequency heating. Stroj vest 6 no.2:53-55 Mr '60.
(EEAI 9:10)

1. Oddelek za strojninstvo Univerze v Ljubljani.
(Induction heating)
(Power presses)

LESKOVAR, P.

"New methods in steel and grey castings" by F.Dubielzig. Reviewed by P.Leskovar. Stroj vest 8 no.1/2:34 Ap '62.

LESKOVAR, P.

"Metallurgy in the service of man" by W.H.Dennis. Reviewed by
P.Laskovar. Stroj vest 9 no.1/2:28 Ap '62.

LESKOVAR, P.

"A VEM handbook: Electric arc welding." 2d ed. Reviewed by
P. Leskovar. Stroj vest 8 no.3:80 Je 162.

LESKOVAR, Polde, iz.

Electronic microscopy. Stroj vest 8 no.3:63-69 Je '62.

1. Fakulteta za strojninstvo v Ljubljani.

LESKOVAR, P.

"Testing of materials and control of defects in metal industry"
by H. Stüdemann. Reviewed by P. Leskovar. Stroj vest 8 no.3:73
Je '62.

LESKOVAR, P.

"Measurement of hardness. Theory and practice." Reviewed by
P. Leskovar. Stroj vest 8 no. 4/5:117 0 '62.

LESKOVAR, P.

"Form, size, composition and action of the grains used in metal cleaning" by W. Gesell. Reviewed by P. Leskovar. Rud met zbor no.1:71 '63.

KRAUT, Bojan, prof. inz. (Ljubljana); LEŠKOVAR, P.; STRUNA, Albert, prof. inz. (Ljubljana); HLEBANJA, J.; SELJAK, Z.; PRELOG, E.; PECORNIK, Miroslav, inz. (Ljubljana); OPRESNIK, M.

Book reviews. Stroj vest 8 no.6:170-172 D '62.

1. Glavni in odgovorni urednik, "Strojniski vestnik" (for Kraut).
2. Clan Urednistva, "Strojniski vestnik" (for Pecornik).

LESKOVAR, P.

"Gamma defectoscopy of metallic materials" by G. Freyer. Reviewed by P. Leskovar. Stroj vest 9 no.4/5:134 O '63.

"Testing of metallic materials" by E. Hanke. Pt. 2. Reviewed by R. Leskovar. Ibid.:135

"Testing of metallic materials." Pts.1-2. Reviewed by R. Leskovar. Ibid.:135

"Technical application of radioactivity" by Broda-Schönfeld. Pt. 1. 3d ed. Reviewed by P. Leskovar. Ibid.:136

EXCERPTA MEDICA Sec 19 Vol 2/4 Rehabilitation Apr 59

912. The therapeutic significance of an 'atomic spa' in Podcetrtek 'Atomske' toplice pri Podcetrtku in njihova zdravstvena vrednost. Liskovar R. Zavod za Balneol. Lrs v Rogaski Slatini Zdrav. Vestn. 1958, 27, 2 (89-92)

In view of the fact that in this 'atomic spa' there are many poor springs (temperature 22-33° C.) and that the radioactivity averages only about 10 ME (1.63-11.24 ME) which hardly exceeds the future regulation limit of 10 ME, the author is of the opinion that this problem can be regarded as solved as long as the sanitary requirements are fulfilled. In the vicinity of this place, there are also good spas with similar springs of slight radioactivity, but there are also strongly radioactive springs in the country. It is a balneologically interesting fact that in this medically far advanced age, a set of indications for 'atomic spas' has, as it were, developed before our eyes which is identical with the classical indications for 'acratothermae'.

9.3200

S/194/62/000/006/002/232
D222/D309

AUTHOR: Leskovar, Silvin

TITLE: Principles of logical circuit design

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 6, 1962, abstract 6-1-9 t (Avtomatika, 1961, 2,
no. 3, 142-146)

TEXT: Principles of the theory of relay-contact circuits are discussed on the basis of concepts and notation of mathematical logic. The possibility of reducing the required number of contacts by using the mathematical apparatus is shown, and as an example the switching circuits for the entry and exit signals of a 3-track railway station are constructed. 6 figures. [Abstractor's note: Complete translation.]

Card 1/1

LESKOVAR, Silvin

Concerning the outline of the project of logical problems. Automatika
2 no.3:142-146 Ag '61.

(Algebra, Boolean)
(Logic, Symbolic and mathematical)

LESKOVAR, Silvin, ing.

Logical elements in digital controlling circuits. Automatika 2 no.4:
214-220 0 '61.

LESKOVAR, Silvin, inz.

Decimal binary translating in the light of coding. Automatika 3
no.1:5-7 F '62.

S/194/62/000/006/106/232
D288/D308

9.4340

AUTHORS: Korbar, Rajko, and Leskovar, Vladimir

TITLE: Measurement of crystal temperatures and thermal resistance of silicon diodes

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1962, abstract 6-4-65 ch (Electrotechn. vestn. 1961, 28, no. 8-10, 209-211)

TEXT: The crystal temperature and thermal resistance of a semiconductor diode are basic parameters needed for the calculation of heat sinks for diodes. The measurement of crystal temperature in semiconductor devices is usually an indirect one, but takes note of the reverse current change with temperature. However, as this dependence is a weak one in silicon diodes, d.c. current at low voltages is employed. The measurement is taken while the diode is fed with a sinusoidal voltage. The thermal resistance is measured similarly, except that the diode is supplied with rectangular pulses. Results of measurements are quoted for diodes designed for currents up to 1 amp. 2 references. [Abstracter's note: Complete translation]
Card 1/1

✓B

KORBAR, Rajko, dipl. fizik. (Kranj); LESKOVAR, Vladimir, dipl. tehnik. (Kranj)

Measurement of the temperature of the crystal and the heat resistance of silicium diodes. Elektr vest 28 no.8/10:209-211 '60.

1. Tovarna "Iskra", Kranj.

OGLOBLIN, I.; LESKOVETS, A.

Let's play with toys, our reader. Znan.-sila 38 no.2:46 F '63.
(MIRA 16:3)

(Zagorsk--Toy industry)

LESKOVIC, B.; MIKLAVCIC, L.; ACCETTO, B.

Observations after splenectomy. Zdrav. vestn. 34 no.1:2-11
'65.

I. Interna Klinika Medicinske fakultete v Ljubljani (pred-
stojnik: prof. dr. Stanislav Mahkota).

IESKOVICH, I. A.

"Apparatus for Determining the Specific Pressure Exerted on Plastic Bodies
Subjected to Pressure," Zavod. Lab., 14, No.9, 1948

Inst. Gen. and Inorg. Chem., AS USSR

LESKOVICH, I. A.

PA 54/49T106

USSR/Physics
Powders
Stresses

Feb 49

"Method of Measuring the Relaxation of Stresses of Powdered Materials," I. A. Leskovich, Inst of Gen and Inorg Chem, Acad Sci USSR, 2 1/2 pp

"Zavod Lab" Vol IV, No 2

Describes new method which permits relaxation studies in the pressure interval 100 - 15,000 kg/sq cm. Equipment was built around a basic universal type Lorenz gauge press. Gives several graphs, one of which shows relaxation isotherms of

54/49T106

USSR/Physics (Contd)

Feb 49

Dinitrochlorobenzene at 20, 30, 40, 50, 60, and 70°. This new method can be used satisfactorily for studying elastic-kinetic processes when pressing various materials.

54/49T106

Investigation of the relation between stress relaxation and pressure in crystalline nonmetal substances. *I. A. Leskovich, Izv. Akad. Nauk S.S.S.R. 20, 22-36(1950).*

The principles of relaxation were established by Maxwell (*Phil. Mag.* 4, 35, 133(1858)). To det. relaxation there was used a const.-wt. sample so calcd. that at its max. d. the sample occupied a cylindrical vol. where the ratio of diam. to height was 0.5. The sample was compressed in a cylinder at 0-10,000 kg./sq. cm. At each pressure P the drop in load with time was

recorded until an apparent equil. was reached between P at P_1 and the resistance Q . Thus, $\Delta P = P - P_1$ read on the manometer corresponds to the relaxation (δ) of internal elastic stresses. At equil. $\Sigma \delta = \delta_1 + \delta_2 + \delta_3 + \dots + \delta_n$, or $\Sigma \delta$ is the summation of a no. of readings up to equil. and $\Sigma \delta = f(P)$. Plotting $\Sigma \delta$ (ordinate) vs. P gives a curve which rises sharply to a max., then drops, and becomes asymptotic to the abscissa. Other conditions are that $\Sigma \delta$ of a given sample is const., reproducible, and characteristic of the substance. It is indicative of the plasticity of the substance and of its tendency to set up internal relaxing elastic stresses (cf. *Zarodskaya Lab.* 15, 208(1949)).
M. Hosen

LESKOVICH, I. A.

USSR/Metals - Powder Metallurgy, Methods Aug 51

"Double-Sided Pressing of Powdery Materials,"
I. A. Leskovich

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 8,
pp 1230-1233

Shows that 2-sided pressing results in more uniform distribution of int stresses in compacts and considerably decreases sp pressure for identical compact vols, compared with ordinary pressing method. May be used in laboratory practice when it is necessary to obtain uniform density, porosity and mech strength of specimens. Submitted by Acad G. G. Urazov 9 Sep 50.

205T78

LEBKOVICH, I. A.

"A Study of the Plasticity of Polymorphic Modifications of Ammonium Nitrate,"
Iz Ak Nauk, Vol 70, No 2, July 1951

B-76 75

LESKOVICH, I. A.

USSR/Chemistry - Ammonium Nitrate

11 Jul 51

"Investigation of the Plasticity of Polymorphic
Modifications of Ammonium Nitrate," I. A. Leskovich

"Dok Ak Nauk SSSR" Vol LXXIX, No 2, pp 257-260

Studies the plasticity of the beta and gamma forms
of ammonium nitrate in the temp interval of 15-50°.
Ammonium nitrate, prepd by rapid cooling after
melting, gave different "pressure flow" curves from
the product prepd by slow cooling.

21476

235T20

LESKOVICH, I. A.

USSR/Chemistry - Explosives, Fertilizers 21 Jul 52

"The Effect of Pressure on the Phase Conversions
of Ammonium Nitrate," I.A. Leskovich

"Dok Ak Nauk SSSR" Vol 85, No 3, pp 595-598

The conversion of ammonium nitrate from the beta
to the gamma form at const pressure due to the
effect of the temp is similar to the reverse pro-
cess of passing from the gamma to the beta form
at isothermal conditions due to the effect of pres-
sure. Presented by Acad S.I. Vol'fkovich 27 May 52.

235T20

IESKOVICH, I. A.

"Applying the Law of Similarity to Relaxation of Tension in Powdered Substances."

Izv. Sektora Fiz.-Khim, Analiza, IONKh AN SSSR, Vol 22, pp 350-356, 1953

The conditions for applying the law of similarity for relaxation of tension during compression of powdered crystalline substances is characterized by the empirical relationship $P_1/P_2 = S_1/S_2 = t_{p1}/t_{p2} = \text{const.}$ (P = pressure; S = cross section; t_p = time of relaxation). This was checked experimentally with the results confirming the law except that the difference between experimental and calculated values increases with the size of the sample. This difference is both positive and negative for inorganic substances with a maximum of $\pm 14.9\%$ (for KCl). The differences for organic substances are positive and less. (RZhKhim, No 20, 1954)

SO: Sum, No. 606, 5 Aug 55

LESKOVICH, I. A.

①
Relaxation of pressure during phase transformation of ammonium nitrate and *p*-dichlorobenzene. I. A. Leskovich. *Doklady Akad. Nauk S.S.S.R.* 91, 295-297 (1983). Polymorphic transformations of NH_4NO_3 and $p\text{-C}_6\text{H}_4\text{Cl}_2$ were studied at pressures between 100 and 6000 kg./sq. cm. The β modification of NH_4NO_3 , stable between -18° and 32.1° , shows no relaxation because of min. mol. vol. The γ modification, stable from 32.1° to 84.2° , has the largest mol. vol. of all known cryst. modifications of this salt; it easily transforms to β at 50° . $p\text{-C}_6\text{H}_4\text{Cl}_2$ goes through a phase transformation near 6° . Relaxation pressure and compressibility were investigated at 20° . The rate of transformation is considerably slower than for NH_4NO_3 .
V. N. Bednarski

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LESKOVICH, I. A.

Dissertation: "A Study of the Polymorphic Transformations of Certain Nonmetallic Compounds Under Pressure." Cand Chem Sci, Inst of General and Inorganic Chemistry imeni N. S. Kurnakov, Acad Sci USSR, 23 Jun 54. (Vechernyaya Moskva, Moscow, 14 Jun 54)

SO: SUM 318, 23 Dec 1954

LESKOVICH, A. A.

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Pressure of flow, coefficients of compressibility, and relaxation of stress of chlorides of sodium, potassium, and ammonium. I. A. Leskovich. *Izvest. Sektora Fiz.-Khim. Anal. i Tekhn. Khim. Akad. Nauk S.S.S.R.* 25, 130-43 (1954).—Temp. relation of the pressure of flow of chlorides of Na and NH₄ is expressed by a straight line at temps. 6-80°. Temp. does not cause any conversion of these salts in the range. For KCl, from polythermal curves of pressure of flow, phase conversion is observed qualitatively at 20-25°. Isothermal curves of pressure of flow at 8°, with 2 characteristic breaks, show the presence in KCl of 2 phase conversions at pressures 3700 and 6400 kg./sq.cm. This is confirmed by measurements of the coeff. of compressibility and relaxation of stress. Expts. show that KCl has the usual polymorphic conversions, modifications of which have different mol. vols. This confirms literature data on conversion of KCl to a homogeneous state. Study of KCl reveals new forms of curves of the pressure of flow. The breaks in these curves show phase conversion occurring under pressure. The form of the curves of flow differs from the classical type of curves of Kurnakov and Zhemchuzhnyi. The ratio between the ionic radii of Na⁺, K⁺, and NH₄⁺ equals the ratio of the coeffs. of compressibility of the corresponding chlorides. E. Meyer.

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USSR/Chemistry - Physical chemistry

Card 1/1 : Pub. 147 - 23/27

Authors : Leskovich, I. A.

Title : Phase conversions of NH_4NO_3 . Review of the M. P. Mokhnatkin report

Periodical : Zhur. fiz. khim. 28/12, 2255-2257, Dec 1954

Abstract : Not satisfied with the M. P. Mokhnatkin review of his report on phase conversion of ammonium nitrate the author points out the numerous errors in Mokhnatkin's review and proves that his own data were absolutely correct. A point-by-point discussion of the report in question is presented. Four references ; 3 USSR and 1 USA (1929-1954). Graphs.

Institution : Academy of Sciences USSR, the N. S. Kurnakov Institute of General and Inorganic Chemistry

Submitted : July 22, 1954

LESKOVICH, I.A.

Flow pressure, compressibility and strain relaxation in the system
 $\text{NH}_4\text{NO}_3-(\text{NH}_4)_2\text{SO}_4$. Dokl.AN SSSR 104 no.2:249-252 S '55. (MLRA 9:2)

1.Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova
Akademii nauk SSSR.

(Ammonium salts)

Leskovich, I. A.

The plasticity of stable and metastable phases of polymorphic substances. The extrusion flow of ammonium nitrate. I. A. Leskovich (N. S. Kurnakov Inst. General and Inorg. Chem., Acad. Sci. U.S.S.R., Moscow). *Zhur. Fiz. Khim.* 31, 1235-41 (1957).—Exptl. results of flow stress of NH_4NO_3 indicated phase transformation, which was automatically recorded as breaks on the curves of extrusion pressures. Comparison of the data for NH_4NO_3 with the available information on the plasticity of other substances showed that substances in the metastable state have a plasticity exceeding several times the plasticity of the stable forms. The plasticity of the separate modifications could be evaluated by comparing the flow stresses at various temps. and pressures under isothermal and polythermal conditions.

W. M. Sternberg

Distr: 4Elj

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S/078/63/008/002/005/012
B101/B186

AUTHORS: Leskovich, I. A., Salatin, V. P.

TITLE: Phase diagram and outflow pressure of potassium nitrate

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 8, no. 2, 1963, 376 - 378

TEXT: The plotting of compression and expansion curves during compression by means of a mechanical Gagarin press is described. In a cylindrical press-mold a pressure of $15 \cdot 10^5$ kg/cm² is applied to the substance, compressing it to maximum density. Then the pressure is removed, the opening of the mold is covered with a lubricant and the sample is tossed several times inside the mold to reduce friction and external stresses. After this the sample is again subjected to pressure, the compressions and expansions being recorded. With substances that undergo polymorphic transformations due to the pressure, hysteresis loops occur as a result of the change in specific volume. The process allows a simplified investigation of the p versus T phase diagrams of crystalline polymorphic substances. The p versus T diagram for KNO₃ was plotted and found to coincide with the data by P. W. Bridgman (Proc. Acad. arts and Sciences, 51, 599 (1916)). The Card 1/2

Phase diagram and outflow...

S/078/63/COB/002/005/C12
B101/B186

line of the II-IV phase equilibrium was determined down to -40°C . There are 2 figures. The most important English-language reference is: I. W. Stewart, J. Chem. Phys., 36, 400 (1962).

ASSOCIATION: Institut obshchey i neorganicheskoy khimii im. N. S. Kurnakova Akademii nauk SSSR (Institute of General and Inorganic Chemistry imeni N. S. Kurnakov of the Academy of Sciences USSR)

SUBMITTED: June 12, 1961

Card 2/2

LESKOVICH, I.A.

Extrusion pressure of some binary systems. Zhur.fiz.khim. 37 no.10:
2203-2206 O '63. (MIRA 17:2)

1. Institut organicheskoy khimii AN SSSR.

LESKOVICH, I.A.; YEGOROV, B.N.; SALATIN, V.P.

Flow stress and dilatometry of potassium nitrate. Zhur. fiz.
khim. 36 no.3:521-525 Mr '62. (MIRA 17:6)

I. Institut obshchey i neorganicheskoy khimii imeni Kurnakova
AN SSSR.

STREBLIVSKIY, P.P., podpolkovnik med.sluzhby; BUROV, A.I., mayor med.
sluzhby; SHALFITSKIY, I.M., mayor med.sluzhby; LESKOVICH, Yu.F.,
kapitan med.sluzhby; RZHEVSKIY, Ye.R., starshiy leytenant med.
sluzhby

Level and dynamics of antihemagglutinins in the blood serum
before and after immunization with living dried influenza vaccine.
(MIRA 13:5)
Voen-med.shur. no.2:59-62 F '60.
(INFLUENZA immunol.)
(HEMAGGLUTIN)

LESKOVSEK, D.

Calorimeter with falling bat. III. Measuring electrolytic
Peltier heat. IV. Measuring the heat conductivity of electrolytic
solutions with the Peltier heat. Vest Slov kem dr. 8
no.1/2:9-15 Ja-Je '61.

1. Laboratorij za fizikalno kemijo Univerze v Ljubljani.
Clan Uredniskega odbora, "Vestnik Slovenskega kemijskega
društva."

LESKOVSEK, D.

New scale of atomic mass, and the new mole. Vest. Slov. kar.
dr 9 no.3/4:87-92 J1-D '63.

1. Katedra za fizikalno kemijo Univerze v Ljubljani.

LESKOVSEK, Drago

Thermoelectric cooling. Obz mat fiz 8 no.4:168-174 D '61.

1. Institut za fizikalno kemijo, Univerza v Ljubljani.

LESKOVSKIY, I.A.

One hundred and seven thousand cubic meters of peat won during
one season. Kolyma 21 no.3:10-13 Mr '59. (MIRA 12:6)

1. Priisk "Mal'dyak."
(Kolyma Valley--Peat)

LESKOY, G.I.

Experimental study of certain factors determining a sustained welding
arc under flux. Avtom.svar.9 no.3:17-25 My-Je '56. (MIRA 9:9)

1. Bezhitskiy institut transportnogo mashinostroyeniya.
(Electric welding)

LESŁAW, Grzegorz

An attempt to evaluate capillaroscopy and dactyloscopy in prophylactic examinations of workers exposed to ionizing radiation. Pol. tyg. lek. 20 no.24:867-869 14 Je '65.

1. Z Wojewodzkiej Przychodni Przemyslowej w Rzeszowie.

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Ja '61.

1. A Budapesti Orvostudományi Egyetem II. sz. Belklinika (igazgató:
Gomori Pál dr. egyetemi tanár) röntgenlaboratóriumának (vezető:
Leszler Antal dr. egyetemi docens) és az I. sz. Kóronctani Intézet
(igazgató: Baló József dr. egyetemi tanár) közleménye.
(BONE AND BONES radiog)
(LEUKEMIA radiog)

LESMAN, Ye.A., inzh.

Choice of a network for the auxiliary power supply of an
emergency lighting system. Svetotekhnika 2 no.7:22 J1 '62.
(MIRA 15:6)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy
tsellyuloznoy i bumazhnoy promyshlennosti, Leningrad.
(Electric lighting)

LESMENT, G.

Preparing and conducting motion-picture classes. Prof.-tekh.obr.
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1. Neurologické pracoviště FDL, Praha.

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LESNAK, J., inz.

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1. Vedecko-vyzkumny uhelny ustav, Radvanice.

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New Czechoslovak tangential tool T-7. Uhli 6 no. 8:282-283
Ag '64.

1. Scientific Institute of Coal Research, Ostrava-Radvanice.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: / Not given/

Affiliation: / Not given/

Source: Bratislava, Prasa Veda, Vol VIII, No 7, 1961, p 149.

Data: "Maxim Gorkii in the Slovak Culture" (Maxim Gorkii v slovenskej kulture), Bratislava/, 196-.

SUKHAREVSKIY, Boris Mikhaylovich [Sukharevs'kyi, B.M.], kand.ekon.nauk;
RUBANOVSKIY, P.M. [Rubanovs'kyi, P.M.], otv.red.; LESNAYA, A.A.
[Liesnaia, A.A.], red.

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present stage] Rozpodil material'nykh i dukhovnykh blah na
suchastnomu etapi. Kyiv, 1960. 37 p. (Tovarystvo dlia poshyrennia
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i priborostroeniia na Ukraine v semiletke. Kiev, 1961. 37 p.
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(Ukraine—Machinery industry)
(Ukraine—Instrument industry)

LESNAYA, A.A.

Histochemical changes in protein thiol groups during various phases of tuberculous inflammation. Probl. tub. 41 no.10:77-81 (MIRA 17:9) '63.

1. Iz patomorfologicheskoy laboratorii (zav. - prof. V.I.Puzik) TSentral'nogo instituta tuberkuleza (dir. - deystvitel'nyy chlen AN SSSR prof. N.A.Skmelev) Ministerstva zdravookhraneniya SSSR, Moskva.

GRIGORYAN, V.G.; ZEMSKOVA, Z.S.; LESNAYA, A.A. (Moskva)

Histochemical study of succinic dehydrogenase in tuberculosis.
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(MIRA 18:12)

1. Laboratoriya patofiziologii (zav. - prof. G.Ye.Platonov),
laboratoriya patomorfologii (zav. - prof. V.I.Puzik) Tsentral'-
nogo instituta tuberkuleza (direktor - deystvitel'nyy chlen
AMN SSSR prof. N.A.Shmelev) Ministerstva zdravookhraneniya
SSSR.

SLIFCHENKO, P.S., glav. red.; KUCHERENKO, K.A., red.; FILONENKO, K.I., red.; LESHAYA, A.A., red.; ABYZOV, A.G., red.; BUDNIKOV, M.S., red.; VETROV, Yu.A., red.; GLADY, V.I., red.; GOLOSOV, V.A., red.; IZMAYLOV, V.G., red.; KANYUKA, N.S., red.; KAPOV, E.A., red.; KLINDUKH, A.M., red.; KUSHNAREV, N.Ye., red.; LUYK, A.I. kand. tekhn. nauk, red.; NEMENKO, L.A., red.; RYBAL'SKIY, V.I., red.; SITNIK, I.P., red.; FEDOSHENKO, N.M., red.; FILAKHTOV, A.L., kand. tekhn. nauk, red.; KHILOBOCHENKO, K.S., red.; VORONKOVA, L.V., red.; KIYANICHENKO, N.S., red.

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1. Nauchno-issledovatel'skiy institut stroitel'nogo proizvodstva. 2. Nauchno-issledovatel'skiy institut stroitel'nogo proizvodstva (for Luyk, Filakhtov).

GENDZEKHADZE, Yekaterina Nikolayevna; LESNAYA, L.V., red.; YERMAKOV,
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[Marine insurance contracts] Dogovor morskogo strakhovaniia;
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1. Iz laboratorii eksperimental'noy khimioterapii Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir. - deystv. chl. AMN SSSR, prof. N. N. Blokhin). Adres avtorov: Moskva, D-364, Volokolamskoye shosse, 30, Institut eksperimental'noy i klinicheskoy onkologii.

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