

PRISELKOVA, A.M., kand. vet. nauk; KHATIN, M.G., doktor vet. nauk;
LUR'YE, M.Z., kand. vet. nauk

New form for administering a concentrate of DDT and benzene
hexachloride. Trudy VNIIVSE 11:117-128 '57. (MIRA 11:12)
(DDT) (Benzene hexachloride)

LUR' YE, M.Z., kand. vet. nauk

Study on the duration of acaricidal activity of dry and liquid
forms of DDT and benzene hexachloride. Trudy VNIIVSE 11:129-140
'57. (MIRA 11:12)

(DDT) (Benzene hexachloride)

KHATIN, M.G., doktor vet.nauk; LUR'YE, M.Z., kand.vet.nauk

Studying new insecticides for controlling warble fly infestations.
of cattle. Trudy VNIIVSE 11:160-170 '57. (MIRA 11:12)
(Warble flies) (Insecticides)

KHATIN, M.G., doktor vetnauk; LUR'YE, M.Z., kand. vetnauk

Use of new insecticides in warble fly infestations of cattle.
Trudy VNIIVSE 13:93-106 '58. (MIRA 11:12)
(Insecticides) (Warble flies)

KHATIN, M.G., doktor vet.nauk; LUR'YE, M.Z., kand.vet.nauk; KOLOMIYETS, Ya.M.,
vet.vrach (Zarayskiy rayon); SOLOV'YEV, V.P., vet.vrach (Voskresenskiy
rayon, Moskovskoy oblasti)

Use of chlorophos in the control of warble fly infestations of cattle.
Veterinariia 36 no.2:82-85 F '59. (MIRA 12:2)
(Phosphonic acid) (Warble flies)

LUR'YE, N.A.

Foreign trade of the U.S.S.R. in woodpulp and paper goods.
Bum.prom. 35 no.3:24-26 Mr '60. (MIRA 13:6)
(Woodpulp) (Paper) (Export sales)

LUR'YE, N.A.

Export and import of woodpulp and paper goods in 1959. Sum.prom.
35 no.9:28 S '60. (MIRA 13:9)
(Woodpulp--Commerce) (Paper--Commerce)

LUR'YE, N.A.

Woodpulp and paper on the international market. Bum.prom. 37 no.8:
26-28 Ag '62. (MIRA 17:2)

1. Vsesoyuznoye ob'yedineniye "Ekspertles".

GORNITSKAYA, Edda Abramovna; LUR'YE, N.A., red.

[Fundamentals of a study on rheumatic fever in children]
Osnovy uchenia o revmatizme v detskom vozraste. Lenin-
grad, Meditsina, 1964. 218 p. (MIRA 17:6)

NEBYTOVA-LUK'YANCHIKOVA, Mariya Nikolayevna, prof.; ORLOVA, Sulamif'
Abramovna, dotsent; PUSHINKOVA, Nina Alekseyevna, kand.med.nauk;
LUR'YE, N.A., red.; CHUNAYEVA, Z.V., tekhn.red.

[Children's diet in a family] Pitaniye detei v sem'ie. Lenin-
grad, Medgiz, 1962. 231 p. (MIRA 15:2)
(CHILDREN--NUTRITION)

RYABOV, Sergey Ivanovich; LUR'YE, N.A., red.; BUGROVA, T.I., tekhn.
red.

[Anemia and its prevention]Malokrovie i ego profilaktika.
Moskva, Medgiz, 1962. 35 p. (MIRA 16:4)
(ANEMIA)

GUBERT, Kleopatra Dem'yanovna; RYSS, Mirra Grigor'yevna; TUR, A.F.,
prof.; LUR'YE, N.A., red.; LEEDEVA, G.T., tekhn. red.

[Gymnastics and massage at an early age] Gimnastika i mas-
sazh v rannem vozraste. Pod red. A.F.Tura. Izd.2., Lenin-
grad, Medgiz, 1963. 158 p. (MIRA 16:7)

1. Deystvitel'nyy chlen AMN SSSR (for Tur).
(INFANTS--CARE AND HYGIENE) (EXERCISE THERAPY)

DOROFYEVA, Anastasiya Ivanovna; LUR'YE, N.A., red.; LEBEDEVVA,
G.T., tekhn. red.

[Rational nutrition of children] Ratsional'noe pitanie de-
tei. Leningrad, Medgiz, 1963. 38 p. (MIRA 16:11)
(CHILDREN--NUTRITION)

ROMM, Samuil Zusmanovich; VAYNSHTEYN, Aleksandr Markovich;
LUR'YE, N.A., red.; LEEDEVA, G.T., tekhn. red.

[Take care of your hearing] Beregite slukh. Leningrad,
Medgiz, 1963. 40 p. (MIRA 16:11)
(DEAFNESS)

VOLOVIK, Arkadiy Borisovich, prof.; LUR'YE, N.A., red.; BUGROVA,
T.I., tekhn. red.

[Heart diseases in children] Bolezni serdtsa u detei. Le-
ningrad, Medgiz, 1963. 44 p. (MIRA 16:12)
(HEART--DISEASES) (CHILDREN--DISEASES)

POTANIN, Nikolay Vasil'yevich; LUR'YE, N.A., red.

[Building up strength in a child] Zakalivanie rebenka.
Leningrad, Meditsina, 1964. 31 p. (MIRA 17:6)

KURBATOVA, Antonina Vasil'yevna; LUR'YE, N.A., red.; LEEDEVA,
G.T., tekhn. red.

[Work of a pediatric polyclinic with the community activists
group] Rabota detskoi polikliniki s obshchestvennym aktivom.
Leningrad, Medgiz, 1963. 55 p. (MIRA 17:2)

MASLOV, Mikhail Stepanovich [deceased]; TUR, A.F., prof., red.;
LUR'YE, N.A., red.

[Lectures in the Department of Pediatrics delivered in the Leningrad Pediatric Medical Institute during the academic year 1955/56] Lektsii po fakul'tetskoj pediatrii, chitan-nye v Leningradskom pediatricheskom meditsinskom institute v 1955/55 uchebnom godu. Izd.2. Pt.1. 1963. 223 p.
(MIRA 17:10)

1. Deystvitel'nyy chlen AMN SSSR (for Tur).

IOFFE, Vladimir Il'ich; OSIPOVA, Polina Vasil'yevna; KLYAROVA,
Nina Nikolayevna; KOZLOVA, Nina Alekseyevna; LUR'YE,
N.A., red.

[Whooping cough; its microbiology, immunology, specific
prevention] Kokliush; mikrobiologiya, immunologiya,
spetsificheskaya profilaktika. [By] V.I. Ioffe i dr.
Leningrad, Meditsina, 1964. 282 p. (MIRA 18:1)

SEREEROV, Aleksandr Ivanovich; LUR'YE, N.A., red.

[Gynecology] Ginekologiya. Izd.7. Leningrad, Meditsina,
1965. 310 p. (MIRA 18:4)

GASTEVA, Zinaida Alekseyevna; NESHEL', Yelizaveta Vasil'yevna
[deceased]; USPENSKAYA, Veronika Gennad'yevna; LUR'YE,
N.A., red.

[Pneumofibrosis and pulmonary emphysema] Pnevmo fibrozy i
emfizema legkikh. Leningrad, Meditsina, 1965. 206 p.
(MIRA 18:9)

KHOPACHEV, Aleksandr Mikhaylovich. Pranimai uchastiye PROPOPOV,
A.N., kand. med. nauk; LUB'YE, N.A., red.

[Chronic pneumonias in children] Khronicheskie pnevmonii
u detei. Leningrad, Meditsina, 1965. 222 p.

(MIRA 18:10)

1. Kafedra rentgenologii Saratovskogo meditsinskogo insti-
tuta (for Protopopov).

1. LUR'YE, N. G.
2. USSR (600)
4. Burns and Scalds
7. Change of the albumin coefficient of blood serum in burns. Novosti med. no. 24, 1951.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

LUR'YE, N.G.; DOBRINSKAYA, M.A.; ABBAKUMOVA-ZEPALOVA, O.N.

~~Some~~ metabolic changes in tissues of rats caused by malnutrition.
Vop.med.khim. 4:112-128 '52. (MIRA 11:4)
(MALNUTRITION) (METABOLISM)

GUREVICH, David Fayvushov, kandidat tekhnicheskikh nauk; ZAKHAROV, A.A.,
kandidat tekhnicheskikh nauk, retsenzent; LUR'YE, N.S., inzhener,
redaktor; POL'SKAYA, R.G., tekhnicheskiy redaktor; SYCHEVA, O.V.,
tekhnicheskiy redaktor

[Principles of calculations for pipe fittings] Osnovy rascheta
truboprovodnoi armatury. Moskva, Gos. nauchno-tekhn. izd-vo mashino-
stroit. lit-ry, 1956. 279 p. (MLRA 9:12)
(Pipe fittings)

DELLO, A.V.; SHAROYKO, P.M.; LUR'YE, N.S.; KACHKACHEV, A.Z., otv.red.;
GIRICHEVA, M.A., red.; BOL'SHAKOV, V.A., tekhn.red.

[Industrial pipe fittings; catalog-reference book] Promyshlennaia
truboprovodnaia armatura; katalog-spravochnik. Leningrad, Leningr.
Sovet nar khoz. Upr.mashinostroeniia. Pt.1. [Faucets, level
indicators, shut-off and regulating valves] Kreny, ukazateli
urovnia, zapornye i reguliruiushchie ventili. 1960. 303 p.
(MIRA 13:7)

1. Leningrad. Tsentral'noye konstruktorskoye byuro armaturo-
stroyeniya. 2. Tsentral'noye konstruktorskoye byuro armaturo-
stroyeniya (for Dello, Sharoyko, Lur'ye).
(Pipe fittings)

DELLO, A.V.; SHAROYKO, P.M.; LUR'YE, N.S.; KACHKACHEV, A.Z., otv. red.

[Industrial piping fittings; catalog and handbook] Promyshlennaia truboprovodnaia armatura; katalog-spravochnik. Leningrad. Leningr. Sovet nar. khoz. Upr. mashinostroeniia. Pt.2. [Vertical check valves, suction and turning valves, slide valves and seals] Klapany obrabotnye pod'emnye, priemnye i povorotnye, zadvizhki i zatvory. 1961. 231 p. (MIRA 15:6)

1. Leningrad. Tsentral'noye konstruktorskoye byuro armaturostroyeniya. 2. Tsentral'noye konstruktorskoye byuro armaturostroyeniya, Leningrad (for Dello, Sharoyko, Lur'ye). (Pipe fittings--Catalogs)

DELLO, A.V.; ZARINSKIY, O.N.; LUR'YE, N.S.; SHAROYKO, P.M.;
KACHKACHEV, A.Z., otv. red.

[Industrial pipe fittings; catalog] Promyshlennaya truboprovodnaya armatura; katalog-spravochnik. Moskva, GOSINTI, Pt.3. [Safety, reduction, regulating and mixing valves, injectors, condenser returns, and electric drives for the control of these fittings] Klapany predokhranitel'nye, regulatory davleniya, inzhektory, kondensatootvodchiki i elektroprivody dlia upravleniya armaturoi. 1963. 238 p. (MIRA 17:3)

1. Leningrad. Tsentral'noye konstruktorskoye byuro Armaturostroyeniya.

LUR'YE, N. Ye.

✓ 4921. A CAPACITATIVE ANALYSER OF A SOUND FIELD. 534.231
 V.A.Zverev, V.M.Bokov and N.E.Lur'ye.
 Akust. Zh., Vol. 1, No. 3, 218-20 (1955). In Russian. *OK*

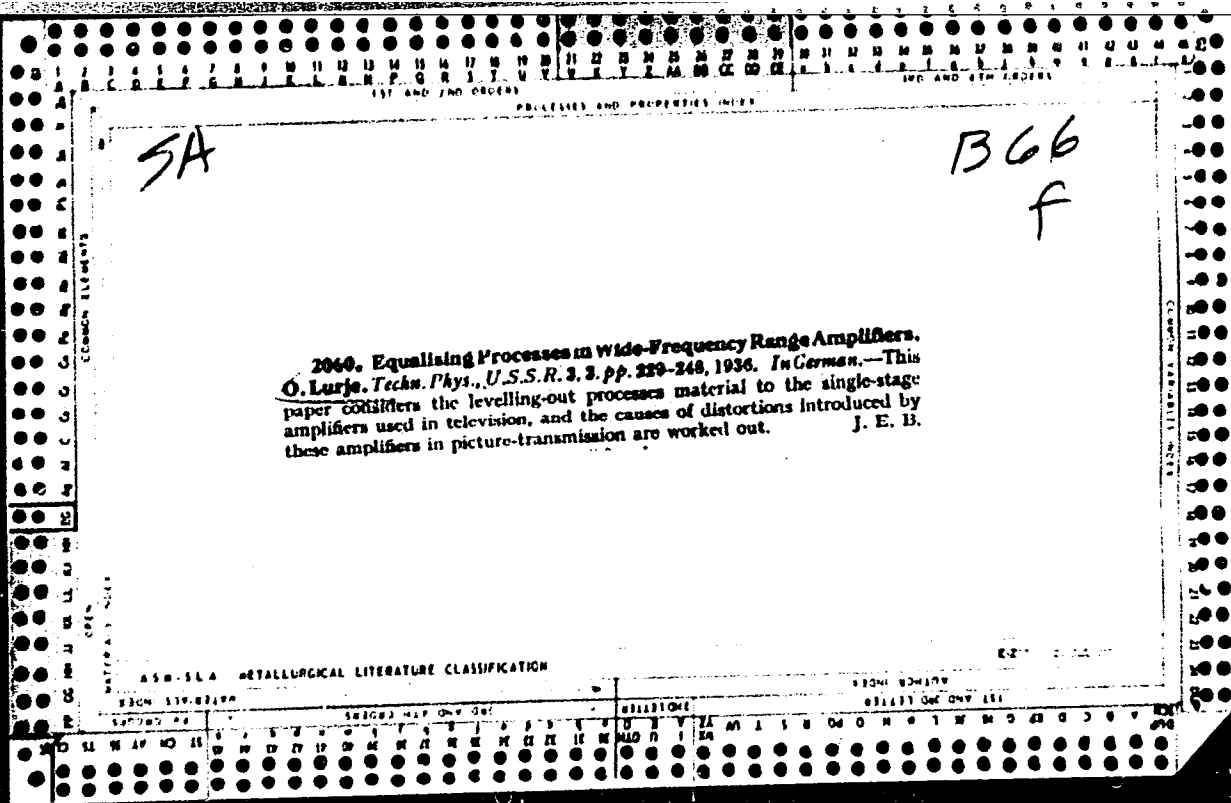
An experiment is described in which the sound field in a liquid is investigated by means of the variation of the permittivity with pressure in the medium. In water a change of permittivity at 5 Mc/s of the order of 10^{-8} is obtained for a sound frequency 85 kc/s and pressure change of 10^6 bars.

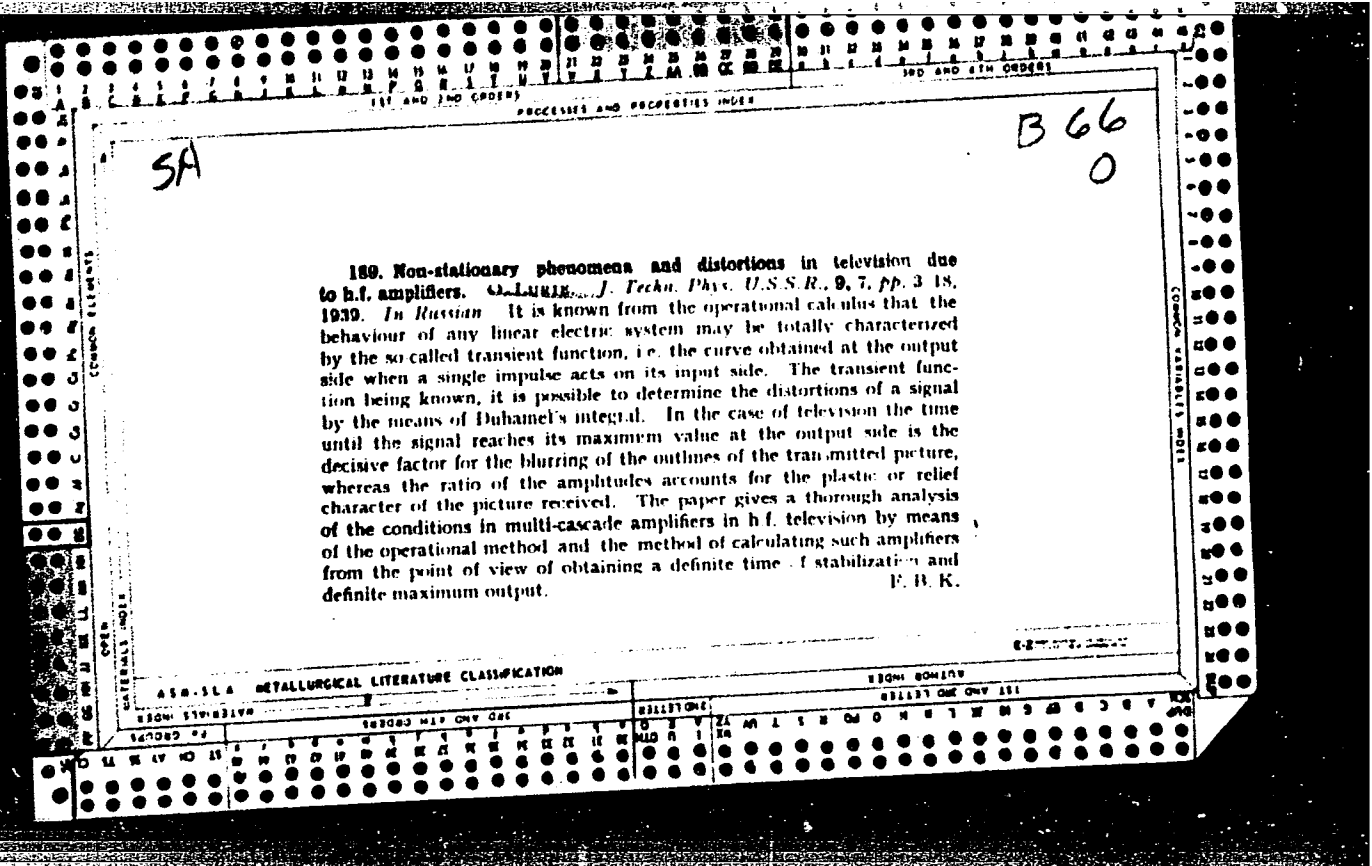
C.R.S.Manders

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LURYE, O. B.

518. A NEW OPTICAL-MECHANICAL SYSTEM OF TELEVISION [which] permits pictures to be transmitted practically with any desired sharpness by means of very small rotating parts & simple light sources (incandescent lamps)]. — O. B. Lurye (Journal of Phys. [of USSR], No. 3, Vol. 4, 1941, pp. 227-234; in English.) The Russian original was dealt with in 3458 of 1943.

LUR'YE, O. B.

62/49T23

USSR/Electronics
Amplifiers
Feedback

Aug 49

"Nonstationary Processes in Broad-Band Amplifiers
With Feedback," O. B. Lur'ye, 24 pp

"Zhur Tekh Fiz" Vol XIX, No 8

Investigates nonsteady-state processes in systems
of amplifiers with positive feedback, where the
amplifiers are employed to amplify video fre-
quencies and to correct distortions introduced by
large input loads. Introduces formulas to cal-
culate the parameters that correspond to a given
situation and to a permissible maximum discharge.

62/49T23

LUR'YE, O. B.

PA 164T29

USSR/Electronics - Amplifiers, Video May 50
Feedback

"Improved Circuit Scheme for an Amplifier of
Video Frequencies With Negative Feedback,"
O. B. Lur'ye

"Zhur Tekh Fiz" Vol XX, No 5, pp 602-606

Lur'ye considers amplifier circuit for video
frequencies with negative feedback. Circuit is
effected by resistors shunted by small capaci-
tors and connecting anodes of amplifying tubes.
Shows shunting capacitors can increase amplifi-
cation by 66%. Submitted 1 Jun 49.

164T29

LUR'E, O. E.

O. E. Lur'e. Transition processes in systems, determined by linear differential equations of the 3rd and 4th order with constant coefficients. P. 113. (Letters to the Editor)

Oct. 16, 1950

SO: Journal of Technical Physics, Vol. 21, No. 1 (Jan. 1951)

LUR'YE, O. B.

Electronics, Television
Radiotekhnika, Vol 7, No 4, 1952. "Determining the Parameters of Television
Amplifiers Corresponding to the Optimum Transient Characteristics."

No abstract.

SO: Radiotekhnika, Vol 9, No 2, Mar/Apr 54; (W-30785, 28 July 1954)

IUR'YE, O.B.; ALEKSANDROVA, A.A., redaktor; KORUZEV, N.N., tekhnicheskij redaktor.

[Video frequency amplifiers] Usiliteli videochastoty. Moskva, Izd-vo "Sovetskoe radio," 1955. 279 p. (MIRA 8:4)
(Amplifiers, Electron--Tube) (Television circuits)

SHMAKOV, P.V., professor, doktor tekhnicheskikh, nauk, zasluzhennyy deyatel' nauki i tekhniki, redaktor; LUR'YE, O.B., doktor tekhnicheskikh nauk, redaktor; ROGINSKIY, V.I., kandidat tekhnicheskikh nauk, dotsent, redaktor; BOGDANOV, A.V., inzhener, redaktor; CHERNYSHEV, V.M., inzhener; redaktor.

[Collection of articles on television broadcasting] Sbornik materialov po televizionnomu veshchaniyu. Leningrad, 1956. 211 p. (MLRA 10:6)

1. Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi imeni A.S.Popova. Leningradskoye, Urkainskoye i Latviyskoye pravleniye.

(Television--Transmitters and transmission)

LUR'YE, O.B. Primali uchastiye: SHEROV-IGANT'YEV, G.P.; GAMBURG,
R.A.; ENTINA, Ye.I.; YANKEL'SON, I.S., red.; ZABOLOTSKIY,
N.G., red.; SVESHNIKOV, A.A., tekhn. red.

[Video frequency amplifiers] Usiliteli videochastoty. Izd.2.,
perer. i dop. Moskva, Izd-vo "Sovetskoe radio," 1961. 675 p.
(MIRA 15:2)

(Amplifiers (Electronics))

LUR'YE, O.Yu. [Lur'ie, O.IU.], prof., zasluzhenny deyatel' nauki USSR

Nutrition of pregnant women and the uterine development of the fetus.
Ped., akush. i gin. 20 no.3:37-47 '58. (MIRA 13:1)

1. Glavnyy akusher-ginekolog Ministerstva okhrany zdorov'ya USSR.
(PREGNANCY) (FETUS)

BUNCHUK, Vitaliy Aleksandrovich; LUR'YE, Pavel Abramovich; KOROVIN, Mikhail Stepanovich; SOLGANIK, G.Ya., vedushchiy red.; GANINA, L.V., tekhn.red.

[Reflection type of insulation for oil-storage tanks; protection of tanks against solar radiation] Otrazhatel'no-teplovaya izolyatsiya rezervuarov dlia nefteproduktov; zashchita rezervuarov ot solnechnoi radiatsii. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 80 p. (MIRA 12:10)
(Tanks) (Solar radiation)

LUR'YE, R.G.

Acupuncture in a compound treatment of a climacteric syndrome.
Sbor. trud. GMI no.9:204-209 '62. (MIRA 17:2)

1. Kafedra gospital'noy terapii Gor'kovskogo meditsinskogo
instituta (zav. kafedroy prof. V.G. Vogralik).

LUR'YE, R.G., kand. med. nauk, asistent; AYZEN, G.G., kand. med. nauk,
asistent; PARAKHONYAK, Z.I., ordinator

Heart during a pathological climacteric in women. Sbor. trud.
GMI no.15:145-169 '63. (MIRA 17:5)

1. Kafedra gospital'noy terapii Gor'kovskogo meditsinskogo
instituta imeni Kirova (for Lur'ye, Ayzhen).

PSCHENICHNYY, I.P.; SHTEYGARDT, Yu.N.; MESHCHERYAKOV, A.V.; VASIL'YEV, V.N.;
SOKOLOVA, E.F.; BROVKOVICH, E.D.; RUBANOVSKIY, B.R.; LUR'YE, R.G.;
PARAKHONYUK, Z.M.; GOROKHOVSKIY, B.I.; ZHDANOV, V.S.; GORBUNOVA, Z.V.
GLIKIN, M.I.; TAVAR'YAN, E.A.; SUKHODOLYA, Ye.I.

Abstracts. Kardiologiya 4 no.4:87-90 J1-Ag ' 64. (MIRA 19:1)

LUR'YE, R.N.; RUSINOV, V.S.

Electroencephalographic disorders during light stimulation and consecutive processes. Probl. fiziol. opt. no.10:80-92 '52.

(MIRA 7:11)

1. Institut mozga Ministerstva zdavookhraneniya SSSR. Direktor deystv. chlen AMN prof. S.A.Sarkisov.

(LIGHT, effects,
on EEG)

(ELECTROENCEPHALOGRAPHY,
eff. of light stimulation)

LUR'YE, R.N.; RUSINOV, V.S.

Electroretinographic changes in man during the formation of a conditioned response to a compound stimulus. Probl. fiziol opt. 11:113-123 '55. (MLRA 9:6)

1. Institut mozga Ministerstva zdravookhraneniya SSSR.
(RETINA, physiology,
electroretinography, eff. of conditioned reflex form.
to complex stimulus (Rus))
(REFLEX, CONDITIONED,
eff. on electroretinography (Rus))

LUR'YE, R.N.; RABINOVICH, M.Ya.; TROFIMOV, L.G.

Examination of electrical phenomena in the cortical ends of analysors
in dogs during the formation of conditioned defense reflexes. Zhur.
vys.nerv.deiat. 6 no.6:863-871 N-D '56. (MLRA 10:2)

1. Elektrofiziologicheskaya laboratoriya Instituta mozga AMN SSSR.

(REFLEX, CONDITIONED

defense, eeg of motor, auditory & visual analysors in dogs)

(ELECTROENCEPHALOGRAPHY

of motor, auditory & visual analysors in conditioned
defense reflex in dogs)

LURKE, R.N.

EXCERPTA MEDICA Sec.2 Vol.9/10 Physiology, etc. Oct56

4763. LURE R. N. and TROFIMOV L. G. Electrophysiol. Lab. of the Brain Inst., Moscow. *Recording of EEGs from different regions of the cerebral cortex of the dog in a chronic experiment (Russian text) FIZIOL. Ž. 1956, 42/4 (348-356) illus. 5

Electrodes of 0.1-0.3 mm. diameter were inserted in various parts of the cerebral cortex for chronic experiments. The EEG from the acoustic regions was less regular than that from the motor regions, of smaller amplitude and, on the average, of higher frequency (over 30/sec.). The oscillations from the visual regions were also less regular than those from the motor regions, but a slower rhythm (3-5/sec.) was dominant. There was considerable and independent variability in the various local EEGs. During a defence motor reaction the amplitude of the oscillations increased, particularly in the fields of the motor receptors. During sleep the rhythm slowed down to 4-7/sec., while the amplitude increased to 200 μ v. Prolonged single or rhythmic acoustic stimuli produced, as a rather specific response, a slow oscillation with a latent period of 20-100 msec., an initial positive component of 20-100 msec. and 20-50 μ v., followed by a longer and somewhat stronger negative component.

Simonson - Minneapolis, Minn.

LUR'YE, R.N.

Vectorelectro-oculography. Trudy LIETIN no.13:210-221 '64.
(MIRA 18:12)

LUR'YE, R.S.

New developments in treating intrauterine asphyxia of the fetus. Ped.,
akush. i gin. 19 no.5:56-58 '57. (MIRA 13:1)

1. Lutskiy rodil'nyy dom (glavnyy vrach - T.P. Kozachenko).
(ASPHYXIA)

NAYASHKOV, I.S., kand.tekhn.nauk; LUR'YE, S.I., inzh.

Experimental study of the mechanical strength of electric transformers
in the presence of short circuits. Vest.elektroprom. 33 no.2:12-16
F '62. (MIRA 15:2)

(Electric transformers)

LUR'YE, S.I., inzh.; MIL'MAN, L.I., inzh.; Primalni uchastiye: AGEYEVA,
L.V.; TSIMBEROV, Yu.A.

Mechanical properties of cardboard used in electric transformer.
Vest. elektroprom. 34 no.1:46-50 Ja '63. (MIRA 16:1)
(Electric transformers)

LUR'YE, S.I., inzh.; MIL'MAN, L.I., inzh.

Mechanical characteristics of the insulating materials of transformer windings. *Elektrotehnika* 35 no.4:29-32 Ap '64. (MIRA 17:4)

LUR'YE, S.I., inzh.; LEVITSKAYA, Ye.I., inzh. Izviesha a rezhisyer:
KOPYLOVA, L.M., teknik

Indication of damages in testing the dynamic strength of trans-
formers. Elektrotehnika 35 no.5:21-26 My'64 (MIRA 17:8)

E 28112-66 EWT(1)/T JK

ACC NR: AP6019119

SOURCE CODE: UR/0016/65/000/011/0119/0121

AUTHOR: Lur'ye, S. Kh.; Al'pern, Ye.G.ORG: Sumiskaya Region Sanitary-Epidemiological Station (Sumskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya) 29
BTITLE: Criteria for evaluating antiepide^{ic} and prophylactic measures

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 11, 1965, 119-121

TOPIC TAGS: immunization, sanitation, epidemiology

ABSTRACT: The authors contend that the effort and expense involved in carrying out measures to control various infectious diseases are not commensurate with the results. They question, for example, the value of typhoid and influenza vaccinations and the use of disinfectants, e.g. chlorine, for cleaning floors and hands (instead of soap and water). Their doubts stem from the lack of scientifically grounded criteria for assessing the results. No widespread antiepidemic or prophylactic measures should be taken unless they have been clearly demonstrated as being theoretically sound, effective, and practicable over a substantial period of time because of the cyclical nature of some major diseases.

One reason for the faulty evaluation of antiepidemic measures is that it is generally made by the authors themselves, who naturally tend to be subjective. The authors of the article urge that competent scientific organizations be entrusted with the task of approving new methods and evaluating old ones. /JPRS/

Card 1/1 SUB CODE: 06 / SUBM DATE: 17May65/ UDC: 614.4+616.9-084.4

LUN'KIN, YU.P.; LUR'YE, S.L. (Leningrad)

"The influence of oscillation and dissociation relaxation on the laminary boundary layer over a plate".

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 Jan - 5 Feb 64.

L 33003-66 EWT(1)/EWP(m) LW

ACC NR: AP6014986 (N) SOURCE CODE: UR/0170/66/010/005/0592/0595

AUTHOR: Strakhovich, K. I.; Lur'ye, S. L. 45
BORG: Polytechnic Institute im. M. I. Kalinin, Leningrad
(Politekhnicheskii institut, Leningrad)TITLE: Approximate solution of the equations of the laminar boundary layer of a non-Newtonian fluid on a plate

SOURCE: Inzhenerno-fizicheskii zhurnal, v. 10, no. 5, 1966, 592-595

TOPIC TAGS: boundary layer theory, laminar flow

ABSTRACT: For a fluid which obeys the rheological power law

$$\tau = K \left(\frac{\partial u}{\partial y} \right)^n, \quad (1)$$

we have the equations of the laminar layer on a flat plate in dimensionless form:

$$u_1 \frac{\partial u_1}{\partial x_1} + v_1 \frac{\partial u_1}{\partial y_1} = \frac{\partial}{\partial y_1} \left(\frac{\partial u_1}{\partial y_1} \right)^n, \quad \frac{\partial u_1}{\partial x_1} + \frac{\partial v_1}{\partial y_1} = 0. \quad (2)$$

Card 1/2

UDC: 532.517.2

L 33003-66

ACC NR: AP6014986

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Here

$$u_1 = \frac{u}{U}, \quad v_1 = \frac{v}{U} R^{\frac{1}{1+n}}, \quad x_1 = \frac{x}{L}, \quad y_1 = \frac{y}{L} R^{\frac{1}{1+n}},$$

$$R = \frac{\rho U^{2-n} L^n}{K} \quad (3)$$

The boundary conditions are:

$$\text{at } y_1 = 0 \quad u_1 = 0, \quad v_1 = 0;$$

$$\text{at } y_1 = \infty \quad u_1 = 1. \quad (4)$$

The development reduces the problem to an ordinary differential equation for which an approximate solution is presented. Orig. art. has: 19 formulas, 1 figure and 1 table.

SUB CODE: 20/ SUBM DATE: 09Dec65/ ORIG REF: 003/ OTH REF: 003

Card 2/2 *pl*

LUR'YE, S.M., podpolkovnik med. sluzhby

Treatment of hypertension at the spa of Rigas Jurmala. Voen.-med.
zhur. no.5:40-43 My '57 (MIRA 12:7)

(HYPERTENSION, therapy
thalassether. (Rus))
(THALASSOTHERAPY, in var. dis.
hypertension (Rus))

LJR'YE, S.N.; ANGELOV, I.I.; RAKOVSKAYA, V.A.

Preparation of high-purity potassium bromide. Trudy IRRA
no.23:29-30 '59. (MIRA 13:7)
(Potassium bromide)

LUR'YE, S.S.

LUR'YE, S. S.

Experimental study of staphylococcal toxins and antitoxins.
Vest. vener. No. 4, July-Aug. 50. p. 16-8

1. Of the Central Skin-Venereological Institute (Director--
Candidate Medical Sciences N. M. Turanov; Scientific Director--
Prof. L. N. Mashkilleysen) of the Ministry of Public Health USSR.

GLML 19, 5, Nov., 1950

LUR'YE, S. S.

DAKHSHELEYGER, Ye. K., kandidat meditsinskikh nauk; TURANOVA, Ye.H.,
kandidat meditsinskikh nauk; LUR'YE, S.S., kandidat meditsinskikh
nauk; PAK, T.I.; LEVINA, F.A.; YEGOROVA, S.V.; ANDROSOVA, M.H.

Gonorrhoea among women reporting to obstetric and gynecological
institutions. Vest. ven. i derm. no.3:41-44 My-Je '54. (MLRA 7:8)

1. Iz otdela gonorreii (sav. prof. I.M.Forudominskiy) otdela mikro-
biologii (sav. prof. N.M.Ovchinnikov) Tsentral'nogo koshno-venerolo-
gicheskogo instituta (dir. kandidat meditsinskikh nauk N.M.Turanov)
(GONORRHEA, epidemiology,
*Russia)

LUR'YE, S. S.

U S S R .

Effect of proteins and vitamins in the food on appearance and course of suppurative skin diseases in white rats. N. M. Turanov, S. S. Lur'ye, and E. A. Ievleva (Central Inst. Skin Venereol., Ministry of Health, Moscow). *Vestnik Venereol. i Dermatol.* 1954, No. 6, 15-19.—Rats infected with staphylococci infections of the skin show less resistance to the infection if insufficient protein, amino acid, and low vitamin (A, B, and D) diet is used. Vitamin D appears to be the most important one in this respect. Blood serum of the diseased animals contains specific antitoxins, but the antitoxins may be lacking in animals on deficient diets.

G. M. Kosolapoff

LUR'YE, S.S.

ARTEM'YEV, S.A., kand.med.nauk; ~~LUR'YE, S.S., kand.med.nauk~~; TURANOVA, Ye.N.,
kand.tekhn.nauk; KOVALEVA, V.V., nauchnyy sotrudnik

Combined use of penicillin and synthomicin in the treatment of
gonorrhoea [with summary in English]. Vest.derm. i ven. 32 no.1:63-67
Ja-F '58. (MIRA 11:4)

1. Iz otdela gonorei (zav.-prof. I.M.Porudominskiy) i otdela
mikrobiologii (zav.-prof. N.M.Ovchinnikov) Tsentral'nogo kozhno-
venerologicheskogo instituta (dir.-kandidat meditsinskikh nauk N.M.
Turanov) Ministerstva zdravookhraneniya RSFSR.

(GONORRHEA, ther.

chloramphenicol with penicillin (Rus)

(CHLORAMPHENICOL, ther. use

gonorrhoea, with penicillin (Rus)

(PENICILLIN, ther. use

gonorrhoea, with chloramphenicol (Rus)

OVCHINNIKOV, N.M., prof., LUR'YE, S.S., starshiy nauchnyy sotrudnik.

L-forms of microbes in urethritis and their practical significance
[with summary in English]. Vest.derm. i ven. 32 no.5:47-53
S-0 '58 (MIRA 11:11)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. -kand.med.nauk N.M. Turanov). Ministerstva zdravookhraneniya RSFSR.

(URETHRITIS, microbiol.

L-form bact (Rus))

(BACTERIA,

l-form, isolation in urethritis (Rus))

LUR'YE, S.S., kand.med.nauk

Effectiveness of various methods of antistaphylococcal immunization in experiments. Vest.derm. i ven. 33 no.3:7-12 My-Je '59. (MIRA 12:9)

1. Iz mikrobiologicheskogo otdela (zav. - prof.N.M.Ovchinnikov) Tsentral'nogo kozhno-venerologicheskogo instituta (dir. - dotsent N.M.Turanov) Ministerstva zdravookhraneniya RSFSR.

(PYODERMA, exper.

micrococcal, eff. of various methods of immunization in rabbits (Rus))

(MICROCOCCAL INFECTIONS, exper.

pyoderma, eff. of various methods of immunization in rabbits (Rus))

OVCHINNIKOV, N.M., prof.; LUR'YE, S.S., starshiy nauchnyy sotrudnik;
BEDNOVA, V.N., mladshiy nauchnyy sotrudnik

Immunofluorescent method in serological diagnosis of syphilis.
Vest.derm.i ven. no.11:27-32 '61. (MIRA 14:11)
(SYPHILIS--DIAGNOSIS) (ANTIGENS AND ANTIBODIES)
(SERUM DIAGNOSIS)

OVCHINNIKOV, N.M.; LUR'YE, S.S.; BEDNOVA, V.N.

Identification of gonococci and their L-forms using fluorescent antibodies. Lab. delo 7 no.12:30-34 D '61. (MIRA 14:11)

1. Otdel mikrobiologii (zav. - prof. N.M.Ovchinnikov) Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta Ministerstva zdravookhraneniya RSFSR, Moskva.
(ANTIGENS AND ANTIBODIES) (NEISSERIA GONORRHOEAE)

PORUDOMINSKIY, I.M.; ARTEM'YEV, S.A.; LUR'YE, S.S.; NYUNIKOVA, O.I.;
GADZHIYEV, R.G.; DZHEBRILBEKOV, A.D.

Bicillin-1 and bicillin-d in the therapy of gonorrhoea. Vest.derm.
i ven. 34 no.8:62-66 '60. (MIRA 13:11)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerolo-
gicheskogo instituta (dir. - kand.med.nauk N.M. Turanov) Mini-
sterstva zdravookhraneniya RSFSR i 2-y kafedry kozhnykh i vene-
richeskikh bolezney (zav. - zasluzhennyy deyatel' nauki prof.
B.A. Byvazov) Azerbaydzhanskogo meditsinskogo instituta.
(GONORRHEA) (PENICILLIN)

OVCHINNIKOV, N.M.; LUR'YE, S.S.; SAZONOVA, L.V.; BEDNOVA, V.N.

Fluorescent serological method in the diagnosis of syphilis. Lab.
delo 10 no.5:302-306 '64. (MIRA 17:5)

1. Mikrobiologicheskiy otdel (zaveduyushchiy - prof.N.M.Ovchinnikov) Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (direktor - kand.med.nauk N.M.Turanov) Ministerstva zdravookhraneniya RSFSR, Moskva.

MIRY, J. Ya.

Teoriya Beskonechno Mal'kh u drevnikh atomistov. M.-L., Izv. AN(1935), 1-197.
 Predshestvenniki N'yutona v filiosofii beskonechno mal'kh. SB I. Nyuton. M.-L.,
 Izd. An(1943).
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 Obzor russkoy literatury po istorii matematiki. Arkh. istorii nauki i tekhniki,
 3(1934).
 Minimyy Porochnyy krug u Kaval'eri. Trudy in-ta istorii nauki i tekhniki
 (1), 5(1935), 491-497.
 Teoriya beskonechno mal'kh u drevnikh atomistov. M.-L., IZL. AN (1935),
 1-197.
 Priblizhennyye i primechniya k lektsiyam po i terii antichnykh matematicheskikh
 nauk O. Keygebauera. M.-L. (1937).
 Matematicheskii spos Kaval'eri Geometriya M.-L., Giti (1940), 7-82. Arkhmed.
 M.-L., IZL. An (1945), 1-270. K vo'rosu o vozniknovenii algebr-raicheskogo myshleniya.
 Usp ekhi matem. nauk, 1*L (11), (1945), 248-257. O Cherki po istorii antichnoy
 nauki. M.-L. (1947), 3-10.

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 Markushevich, A. I.
 Rashevskiy, P. K.
 Moscow-Leningrad, 1948

LUR'E, Solomon Yakovlevich, 1890-

Die Infinitesimaltheorie der antiken Atomisten. Moskva, Izd-vo Akad. nauk SSSR, 1935.
197, 2 p. (Akademiia nauk SSSR. Trudy Instituta istorii nauki i tekhniki. Seriia II,
vyp. 5) (48-36336)

Q125.A453 vol. 5

LUR'YE, S. Ya.

*Lur'e, S. Ya. Arhimed. [Archimedes]. Scientific-Popular Series of Biographies. Akad Nauk SSSR, Moscow-Leningrad, 1945. 272 pp. (Russian)

Source: Mathematical Reviews,

Vol 8, No. 1

LUR'YE, S. Ya.

"On the Question Concerning the Emergence of Algebraic Thought" Uspekhi, Matemat,
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Report U-1493, 27 Sep 1951

LUR'YE, S. Ya.

EYLER, Leonard [Euler Leonhard]; LUR'YE, S. Ya. [translator]; VYGODSKIY, M. Ya. [translator]; RAZUMOVSKAYA, A. P.; redaktor; MURASHOVA, N. Ya.,
tekhnicheskiiy redaktor

[Integral calculus. Translated from the Latin] Integral'noe
ischislenie. Perevod s Latinskogo S. IA. Lur'e i M. IA. Vygodskogo.
Predisl. M. IA. Vygodskogo. Moskva, Gos. izd-vo tekhniko-teoret.
lit-ry, Vol. 1. 1956. 415 p. (MLBA 10:5)
(Calculus, Integral)

LUR'YE, S.I., *inzh.*

Modeling of the magnetic fields of transformers. *Elektrotehnika* 36
no.7:54-57 J1 '65. (MIRA 18:7)

MIL'MAN, L.I., tech.; LUK'YEV, S.I., tech.

Calculation of the strength of external windings of transformers
subject to the action of radial short-circuit conditions. Elektri-
chestvo no.8:77-83 Ag '65. (MIRA 18:9)

1. Vsesoyuznyy elektrotekhnicheskii institut imeni V.I.Lenina.

LUB'YE. S.I., inzh.

Mathematical modeling of magnetic leakage fields of transformers
and reactors using electrically conductive paper. Elektrichestvo
no.10:80-86 0 '65. (MIRA 18:10)

1. Vsesoyuznyy elektrotekhnicheskii institut imeni V.I.Lenina.

LUR'YE, S.Ye.

Relative importance of parenteral infections in the total number of cases of Botkin's disease. Vrach. delo no.9:118-119 S '61.

(MIRA 14:12)

1. Sumskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya.
(HEPATITIS, INFECTIOUS)

LUR'YE, T. A.

"Treatment of Suppurative Lactational Mastitis With Penicillin." Thesis for Degree of Cand. Medical Sci. Sub 16 Oct 50 First Moscow Order of Lenin Medical Inst.

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Lur'ye, T.A.

SEREBRENNIKOVA, V.I.; PONOMAREVA, G.Ye.; LUR'YE, T.A.

Carrying of dysentery germs by healthy persons. Zhur.mikrobiol.epid. i
immun., supplement for 1956:51-52 '57 (MIRA 11:3)
(SHIGELLA)

LUR'YE, T. M.

Medicine.

"The Penicillin Treatment for Acute Suppurative Mastitis,"

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N. N. Burdenko, 1st Moscow Order of Lenin Medical Inst., -1949- and Dept. for
Treatment of Mastitis Bying-In Home No. 3, Moscow. -1949-.

LUR'YE, T.M., kandidat meditsinskikh nauk

Osteomyelitis of the jaws according to materials from the
Chelyabinsk Province Hospital for five years (1950-1954).
Stomatologiya 35 no.6:47-48 N-D '56 (MLRA 10:4)

1. Iz gospital'noy khirurgicheskoy kliniki Chelyabinskogo
meditsinskogo instituta (zav.-prof. G.D. Obratsov) na baze
Oblastnoy klinicheskoy bol'nitsy (glavnyy vrach L.M. Ryskina)
(CHELYABINSK PROVINCE--OSTEOMYELITIS)
(JAWS--DISEASES)

LUR'YE, T.M., kand.med.nauk

Jaw fractures according to data from the Chelyabinsk Province Hospital for the period 1946 to 1956. Stomatologiya 38 no.3: 57-60 My-Je '59. (MIRA 12:8)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof.G.D. Obratsov) Chelyabinskogo meditsinskogo instituta i Chlyabinskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach L.M.Ryskina). (JAWS--FRACTURE)

LUR'YE, T.M., dotsent; KHOMYAKOV, Yu.M.

Retrograde invagination following surgery on the stomach. *Sov.med.*
28 no.7:60-63 JI '65. (MIRA 18:8)

1. Fakul'tetskaya (zav. - prof. I.D.Korabel'nikov) i gosital'-
naya (zav. - prof. G.D.Obraztsov) khirurgicheskiye kliniki
Chelyabinskogo meditsinskogo instituta.

LUR'YE, T.M.; BYSTRENIN, V.A.

Cases of foreign bodies in the esophagus. Vest.otorin. 22
no.3:100-101 My-Je '60. (MIRA 13:10)
(ESOPHAGUS—FOREIGN BODIES)

LUR'YE, T.M.

Scientific and Practical Conference of Stomatologists on the
Rendering of Stomatological Service to the Rural Population.
Stomatologia 43 no.1:105-107 Ja-F'64

LUR'YE, T.M., kand.med.nauk; MOLOKOV, S.A., ordinator

Surgical therapy of congenital fistulae and cysts of the neck.
Khirurgia 37 no.3:63-67 Mr '61. (MIRA 14:3)

1. Iz gospiatal'noy khirurgicheskoy kliniki (zav. - prof. G.D. Obraztsov) Chelyabinskogo meditsinskogo instituta i Oblastnoy klinicheskoy bol'nitsy (glavnyy vrach N.S. Klyukov).
(NECK—SURGERY) (FISTULA) (CYSTS)

LUR'YE, T. M., kand. med. nauk

Extensive tumor of the soft palate. Vest. otorin. no.3:101-102
'62. (MIRA 15:6)

1. Iz kafedry gospi'tal'noy khirurgii (zav. - prof. G. D. Obratsov)
i kafedry bolezney ukha, gorla i nosa (zav. - prof. A. Kh.
Min'kovskiy) Chelyabinskogo meditsinskogo instituta.

(PALATE--TUMORS)

SHCHERBATENKO, Vadim Vladimirovich; LUR'YE, Tamara Samoylovna; PATT, Vitaliy Aleksandrovich; MURASHEVA, O.I., red.; SOKOLOVA, I.A., tekhn.red.

[Use of molasses in the baking industry] Primenenie patoki v khlebopekarnom proizvodstve. Moskva, Pishchepromizdat, 1960. 34 p. (MIRA 14:6)
(Bread) (Sirups)

STOLYAROVA, L.F.; SHCHERBATENKO, V.V.; LUR'YE, T.S.; BEREZNITSKAYA, V.A.

Bread making without fermentation of intermediate products and
dough prior to its dividing. Trudy TSNIKHP no.10:53-62 '62.
(MIRA 18:2)

Lur'ye, T.S.

SHCHERBATENKO, V.V.; CHIZHOVA, K.N.; SHKVARKINA, T.I.; LUR'YE, T.S.

New method for preparing rye and wheat doughs. Khleb. i kond.
prom. 1 no.1:7-11 '57. (MLRA 10:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khlebopekarnoy
promyshlennosti.

(Dough)

LUR'YE, Ts. Yu.

USSR/Medicine - Antibiotic Candy Jan/Feb 52

"Treatment of Angina With Candy Containing an Antibiotic and an Activator," Ts. Yu. Lur'ye, Chair of Diseases of Ear, Nose, and Throat, Sverdlovsk Med Inst, Div of Diseases of Ear, Nose, and Throat, Sverdlovsk First City Clinical Hosp

"Vest Oto-Rino-Laringol" Vol XIV, No 1, pp 78, 79

Better results are obtained in the treatment of serious diseases of the mucous membrane of the throat by using candy containing antibiotics than in treatment by inhalation. Local symptoms of angina disappeared after 3-4 days when 16-32 204T65

USSR/Medicine - Antibiotic Candy Jan/Feb 52 (Contd)

pieces of the candy were used for one course of treatment, i.e., 8,000-16,000 units of penicillin. In view of the instability of penicillin, Lur'ye substituted gramicidin later. Lur'ye is of the opinion that treatment of angina with the aid of candy containing an antibiotic (preferably gramicidin) and activators (0.01 g of urotropin and pyramidon) gives good results.

204T65

KRYUKYALIS, B. [Kriukelis, B.]; CHYURAS, A. [Ciuras, A.]; LUR'YE, U., red.;
LUKOSHEVICHYUS, St. [Lukosevicius, St.], tekhn. red.

[Production of forage on collective and state farms of the
Lithuania S.S.R.] Proizvodstvo kormov v kolkhozakh i sovkh-
zakh Litovskoi SSR. Vil'nius, Gos. izd-vo polit. i nauchnoi lit-ry,
1960. 34 p. (MIRA 14:12)
(Lithuania--Forage)

GREGORAUSKAS, M.; LURYE, U., red.; PAKERYTE, O., tekhn. red.

[Soviet Lithuanian agriculture, 1940-1960] Tarybu Lietuvos
zemes ukis, 1940-1960. Vilnius, Valstybine politines ir eok-
sines literaturos leidykla, 1960. 462 p. [In Lithuanian]
(MIRA 15:1)

(Lithuania--Agriculture)

VARSHAVSKIY, I.L.; DOLGOPYATOV, A.M.; LUR'YE, V.A.

Calculating the theoretical cycle of internal combustion piston engines by taking dissociation into account. Trudy lab.dvig. (MIRA 9:9)
no.1:5-32 '55.
(Automobiles--Engines)

VARSHAVSKIY, I.L.; ZHDANOV, A.L. [deceased]; LUR'YE, V.A.

Measuring consumption of gas and liquids by means of electromagnetic
meters. Trudy lab.dvig. no.1:108-113 '55. (MIRA 9:9)
(Flowmeters)

POKROVSKAYA, I.A.; LUR'YE, V.A.

Results of tests of new standard barometers. Trudy GGO no.160:
123-131 '64. (MIRA 17:9)

ACCESSION NR: AT4044402

3/2531/64/000/160/0123/0131

AUTHOR: Pokrovskaya, I. A., Lur'ye, V. A.

TITLE: Results of an investigation of the new standard barometers

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy*, no. 160, 1964. Metodika meteorologicheskikh nablyudeny i obrabotki (Methods of meteorological observation and processing observation data), 123-131.

TOPIC TAGS: meteorology, meteorological instrument, barometer, standard barometer

ABSTRACT: The standard instruments used as reference barometers in the measurement of atmospheric pressure by the Gidrometsluzhba SSSR (Hydrometeorological Service of the SSSR) are the standard GGO barometers Nos. 1 and 2, dating back to the late 19th century. Vsesoyuzny'y nauchno-issledovatel'skiy institut metrologii (All-Union Scientific Research Institute of Metrology) fabricated two new standard barometers (Nos. 3 and 4). The new standard barometers ensure a higher accuracy in the measurement of atmospheric pressure. This increase in accuracy is attained by an improved method for measurement of the mercury level differences in the barometer and greater accuracy in the measurement of barometer temperature. Both the old and new barometers are virtually free of errors associated with the influence of capillary forces on the mercury level.

Card 1/3

ACCESSION NR: AT4044402

This article describes precise comparisons of standard barometers Nos. 3 and 4 with one another and with standard barometers Nos. 1 and 2. The characteristics of barometers Nos. 1 and 2 are given, since the only other descriptions are in very old references (H. Wild, Meteorologicheskly sbornik, Vol. 1, 1874 and Repertorium fuer Meteorologie, Bd. XVI, No. 4, 1892). Standard barometers Nos. 3 and 4 are completely identical and of stainless steel; a description is given but no photographs or diagrams. Particular attention is given to the procedure by which the mercury level is determined. The problem of vibration of the free surface of the mercury column is discussed; all comparisons were made at night when urban traffic was lightest and only under stable atmospheric conditions. During 1961-1962 a total of 32 series of comparisons was made between the two new barometers, usually with one of the two older barometers used as a control. The mean difference (0.03 mm) in the readings of the new standard barometers and barometer No. 1 indicates that use of the new instruments will have virtually no effect on the corrections for barometers used in checking pressure instruments. At present, the mean square error of one barometer reading is 0.014 mm Hg. The barometers are not yet on their permanent mountings and will have to be investigated again after they are set up in permanent positions. Orig. art. has: 1 formula and 3 tables.

Card 2/3