PTKRTOVA, V.

Agrolet.

P. 24. (KRILLA VLASTI.) (Praha, Czechoslovakia) No. 2, Jan. 195

SO: Monthly Index of East European Accession (EAI) LC. Vol. 7, No. 5, 195

PIK[illegible]OVA, V.

The first pilot of the Agrolet.

P. 7. (KRIDLA VLASTI.) (Praha, Czechoslovakia) No. 3, Feb. 19[illegible]

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. [illegible], 19[illegible]

PIKRTOVA, V.

Pikrtova, V. Millionaires in Ruzyne. p. 132. KRIDLA VLASTI. Praha. No. 6, Mar. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncl.

[illegible]VA, V.; [illegible], J.

The airport in Ruzyn 1957. p. 55[illegible]. (K[illegible], [illegible], Sept 1957, Praha, Czechoslovakia.)

[illegible]: Monthly List of East European Accessions [illegible], Vol. , No. , [illegible]

PIKRTOVA, V.

Pikrtova, V. Thirteen is a lucky number . p. 270. KRIDLA VLASTI. Praha. No. 12, June 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncl.

PIKRTOVA, V.

Pikrtova, V. Among friends. p. 272. Honored for devoted work. p. 274. KRIDLA VLASTI. Praha. No. 12, June 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncl.

CZECH/3-59-10-4/37

3(4)

AUTHOR: Pikrtová, Vlasta

TITLE: Aircraft Uncover Earth Secrets (Letadla odkrývají tajemství země)

PERIODICAL: Křídla Vlasti, 1959, Nr 10, pp 2-3 and upper part of p 4 (CSR)

ABSTRACT: Article deals with a geological survey of ČSR which was started in 1957 and should be completed by the end of 1959. A new magneto-metric map of ČSR is the goal of this survey. The entire program was initiated by Eng. Jelen, head of the Magneto-Metrical Section of the Institute for Applied Physics. The AN-2 aircraft and its crew was supplied by the ČSR Airlines. The crew consists of pilot Václav Kulhánek, navigator Svátek, geological instruments operator Rettich and crew chief Dousek. The needed instruments, an aerial magnetometer and a radiometer were purchased from USSR. The magnetometer is used to measure the

Card 1/2

Aircraft Uncover Earth Secrets

intensity of the earth's magnetic field which is influenced by iron ore deposits or other geological formations. The radiometer registers the gama rays intensity. The survey is carried out at a 100 m altitude and a speed of 150 km/h. There are 8 photos.

22(3) CZECH/3-59-11-11/36

AUTHOR: Pikrtová, V.

TITLE: Pardubice Competes (Pardubičtí soutěží)

PERIODICAL: Křídla Vlasti, 1959, Nr 11, lower part of p 9 and upper part of p 10 (CSR)

ABSTRACT: This article deals with a training contest among the Pardubice Regional Aeroclub members.

Card 1/1

CZECH/3-59-9-9/39

22(3)

AUTHOR: Pikrtová, V.

TITLE: Pilots Go To School (Piloti chodí do školy)

PERIODICAL: Křídla Vlasti, 1959, Nr 9, lower part of p 5 and upper part of p 6 (CSR)

ABSTRACT: This article deals with the Central SVAZARM Power Flying School located at Chrudim Airfield. The YAK-11 aircraft stationed at the airfield belong exclusively to the school, while the buildings and the airfield area is shared with the Pardubice Regional Aeroclub. This summer will mark the second anniversary of the school. In the past two years the school completed 13,000 take-offs and 2,400 flying hours. In 4 separate courses the school trained about 100 students and 13 flight instructors. The school has a shortage of the flight instructors; there are 5 to 6 students per flight instructor, which means that during one course, an

Card 1/2

CZECH/3-59-9-9/39

Pilots Go to School

instructor has to fly 8 hours a day. The head of the school is Mr. Kohoutek; instructors are: Voženílek, Josef Klempíř, Jiří Fánek (former military pilot), and Jiří Lhotský. The school, until recently, had a shortage of mechanics. This was rectified when the school hired the young ex-Air Force mechanics Marek, Mach, Nuc, Výšek, Coufal and Petíra. The first transition course for the YAK-11 flight instructors was held in spring 1959. The graduates instruct flying of the YAK-11 at their own clubs. There are 3 photos.

Card 2/2

CZECH/3-59-15-3/32

30(7)

AUTHOR: Pikrtová, V.

TITLE: The Socialist Countries Take the Lead in the FAI

PERIODICAL: Křídla Vlasti, 1959, Nr 15, pp 1-3 (CSR)

ABSTRACT: This article contains a summary on the development of the International Aviation Federation FAI. The internal organization of the FAI, its purpose and scope of activities are described. The growing influence of the USSR and East Bloc countries within the FAI is pointed out. The author notes, with satisfaction, that during the 52nd FAI Conference held in Moscow in 1959, the aeroclubs of CSR, Poland, and USSR were classified as ranking among the best national aviation organizations. Mention is also made of "Paul Tissandier" diplomas, awarded at the 1959 FAI Conference, to the Czechoslovaks Uhlíř from the Liberec Aeroclub, Svatoš from the Gottwaldov Aeroclub, and Šindelář from the Ostrava Aeroclub, for their meritorious work in aviation.

Card 1/2

CZECH/3-59-15-3/32

The Socialist Countries Take the Lead in the FAI

The USSR aircraft designer Tupolev, received the FAI's Gold Medal. The fact that a large share of the flying and parachute jumping records registered by the FAI were made by USSR pilots and parachutists is emphasized.

Card 2/2

CZECH/3-59-15-23/32

(

AUTHOR: Pikrtová, V.

TITLE: Are we Going to Have a Navigation Contest?

PERIODICAL: Křídla Vlasti, 1959, Nr 15, p 21 (CSR)

ABSTRACT: The article describes a navigation contest organized by the Ostrava Aeroclub for its own power aircraft pilots. It contains a recommendation to hold a similar contest for sport power aircraft pilots on a national basis. The author believes that such a contest would increase the interest of CSR pilots in navigation. There is 1 photo.

Card 1/1

CZECH/3-59-16-3/28

AUTHOR: Pikrtová, Vlasta

TITLE: The ČSR Championship in Aerobatics

PERIODICAL: Křídla Vlasti, 1959, Nr 16, pp 1-6 (CSR)

ABSTRACT: The 2nd (1959) ČSR Championship in Aerobatics took place on 4 and 5 July 59 at the airfield of the Gottwaldov Aeroclub. The chairman of the Gottwaldov District SVAZARM Committee, Divoký, made the opening address. The contestants were: Zdeněk Beseda, 34, power flying instructor of the Liberec Aeroclub, pilot since 1946, 1,650 flying hours; Ladislav Bezák from the Praha City Aeroclub; Jiří Bláha, 33, test pilot of the Praha VZLÚ (Výzkumný a zkušebný letecký ústav = Aviation Research and Test Institute), pilot since 1945, 4,300 flying hours; Leopold Brabec from the Otrokovice Aircraft Plant "Národní podnik Moravan"; Oto Dolejš from the Nitra Aeroclub; Karol Harmoš from the Košice Aeroclub; Jaromír Hůlka, 26,

Card 1/5

The ČSR Championship in Aerobatics

a voluntary power flying instructor of the Gottwaldov Aeroclub, pilot since 1952, 600 flying hours; Jiřina Lockerová from the Olomouc Aeroclub; Emil Polínek from the Ostrava Aeroclub; Juraj Souč, 23 (the youngest participant), from the Liberec Aeroclub; and Anton Vallo from the Nitra Aeroclub. The test pilot Kliment from the "Moravan" Aircraft Plant, who was also registered as one of the participants, was absent due to an official trip abroad. Josef Přikryl, one of the best ČSR aerobats, was not present due to an assignment in China. The 1958 ČSR Champion in Aerobatics, Krysta, died. Most contestants used the "Trenér (Z-226)" - also called "Trenér 6" - type aircraft. Only the test pilots Bláha and Brabec flew a "Trenér Master", and Jiřina Lockerová an "Akrobat". The aircraft mechanics praised the quality of the "Trenér" aircraft, but advocated that for aerobatics the aircraft should

The CSR Championship in Aerobatics

be equipped with a better carburator. The director of the "Moravan" Aircraft Plant, Syrový, stated that all aircraft used in the Championship were the products of his firm. The championship consisted of 2 events mandatory for all contestants. One event consisted of prescribed aerobatics, second was "free" aerobatics. The total number of points accumulated in both events decided placing of contestants. Zdeněk Beseda became the new CSR Champion; Jiří Bláha and Jaromír Hůlka finishing second and third, respectively. The performance of each pilot was rated by a group of judges headed by the inspector of the Slovak SVAZARM Committee, Kuna. Other referees: František Novák, a "Distinguished Sports Champion"; Šváb, a test pilot; Mutňanský, the chairman of the Žilina Aeroclub; Tikovský, the aviation inspector of the SVAZARM Central Committee; and several representatives of the CSR Air Force. A sports com-

Card 3/5

The CSR Championship in Aerobatics

mission, headed by the "Distinguished Sports Champion" Zdeněk Husíček evaluated the ratings. The chairman of the Gottwaldov Aeroclub, Štefánek, was the starter. The organization of the Championship was in the hands of the Gottwaldov Aeroclub; club member Hudecek was especially enthuasiastic in helping with the preparations for the Championship. The overall quality of the aerobatics shown during the 1959 CSR Championship was better compared to previous year. The spectators, among them a delegation of the Indian Parliament and a group of Indonesian youths, included General Vosáhlo, the ČSR Deputy Defense Minister, and the designer of the "Trenér" aircraft, Zámeček. Flight demonstrations by SVAZARM gliders and ČSR Air Force jet aircraft, formation aerobatics by a well-known team of 3 power aircraft from Žilina, and parachute jumps by members of the Gottwaldov

Card 4/5

CZECH/3-59-15-3/28

The CSR Championship in Aerobatics

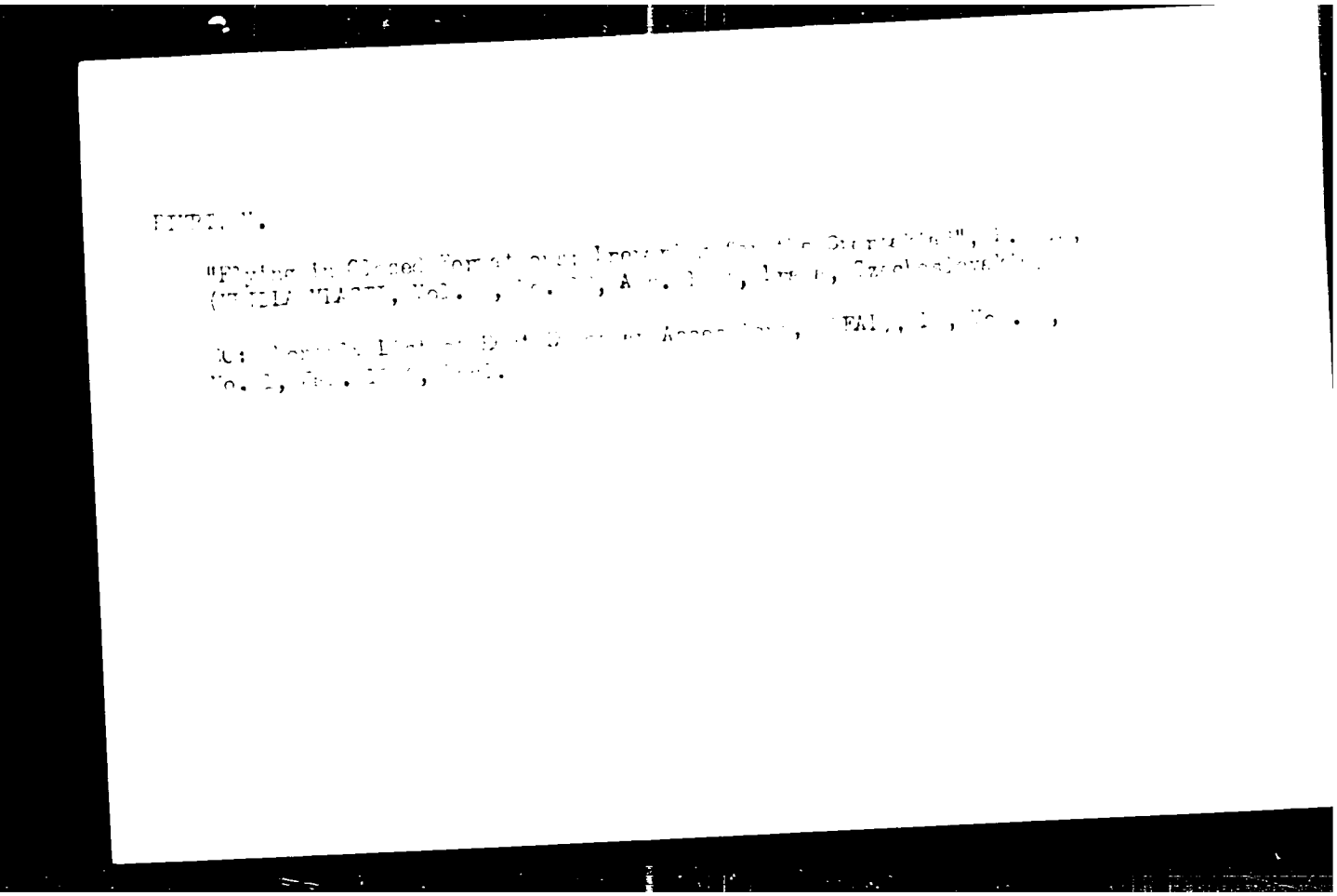
Aeroclub, were shown outside of the competition on the second day of the Championship, as was also the jump of a CS Army paratrooper from the bomb bay of an IL-28 jet bomber. There are 17 photos.

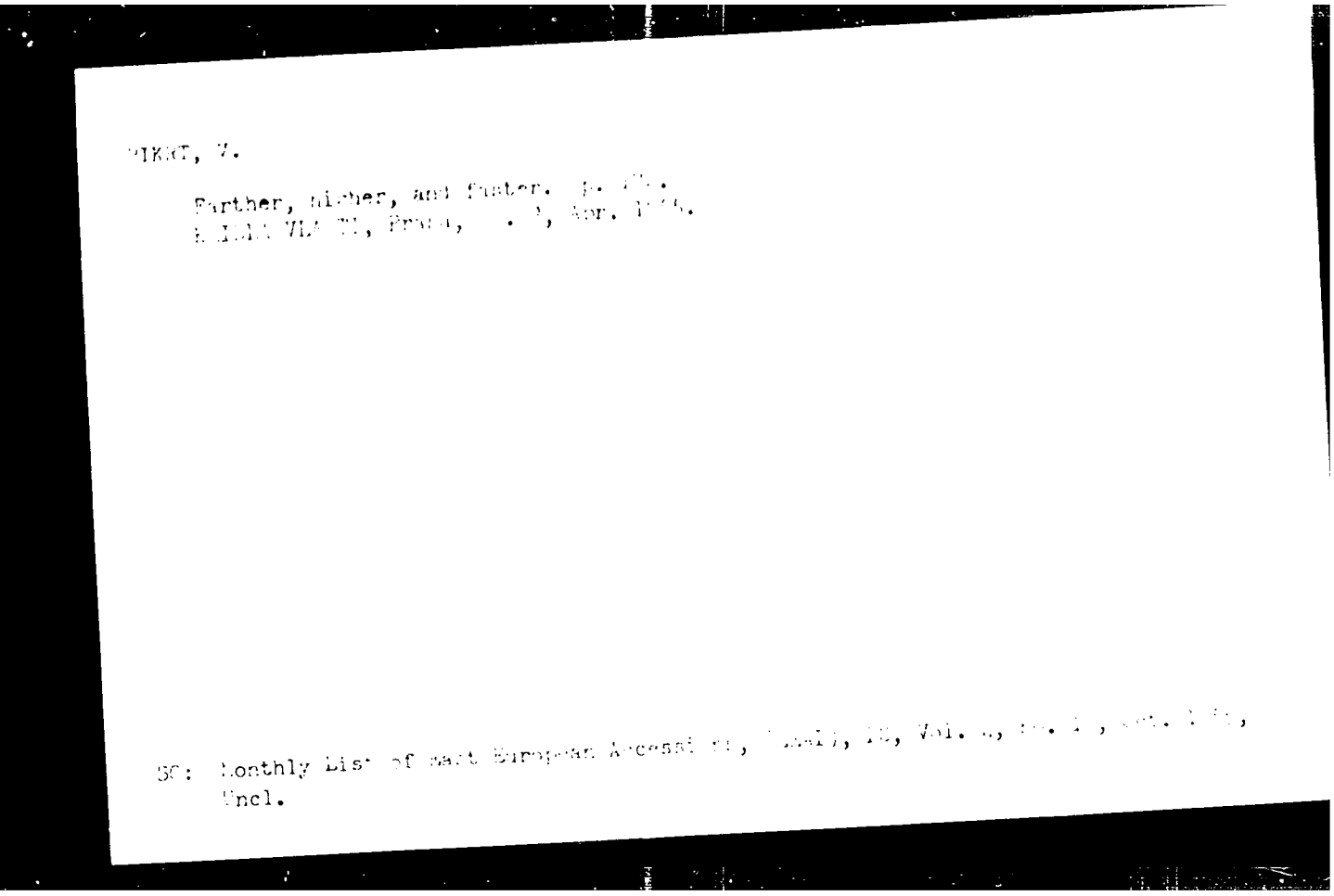
Card 5/5

PIKRT, V.

Pikrt, V. Farther, higher, and faster, p. 172. KRIDLA VLASTI. Praha. No. 8, Apr. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncl.

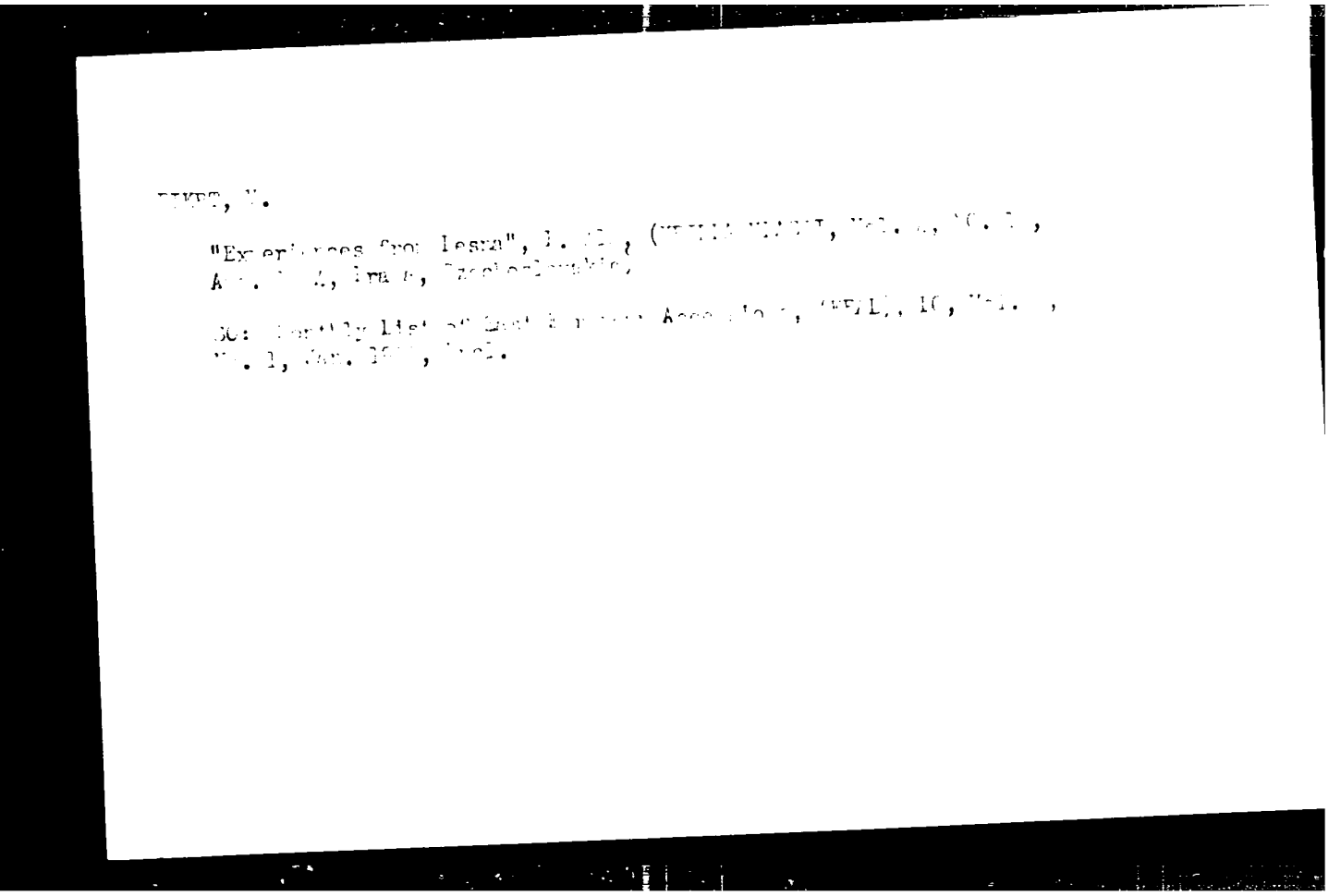




PIKET, V.

Farther, nigher, and faster. [illegible].
[illegible] VLE TI, Praha, [illegible], Apr. [illegible].

SC: Monthly List of East European Accessions, LC, Vol. [illegible], No. [illegible], [illegible],
Uncl.



PIKRT, V.

"For Development of Sports Aviation with Aircraft." p. 8,
(KRIDLA VLASTI, No. 1, Jan. 1955, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

PIKRT, V.

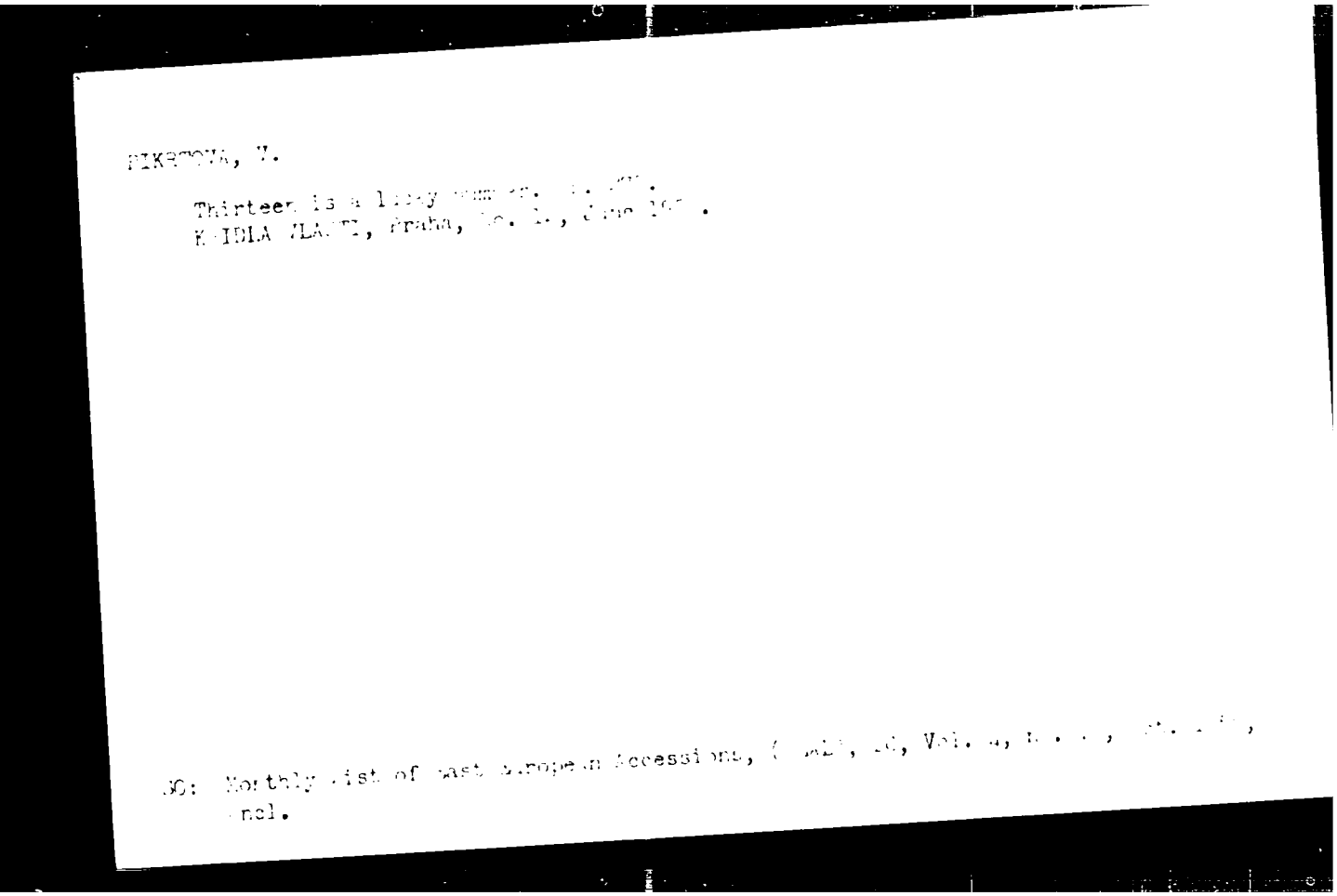
"Way to the Stars. Tr. from the Russian.(To be Contd.)" p. 9,
(KRIDLA VLASTI, No. 1, Jan. 1955, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

PIKRTOVA, V.

"From the Work Methods of Instructors", P. 317, (PRITLA VLASTI, Vol. 4, No. 14, July 1954, Praha, Czechoslovakia)

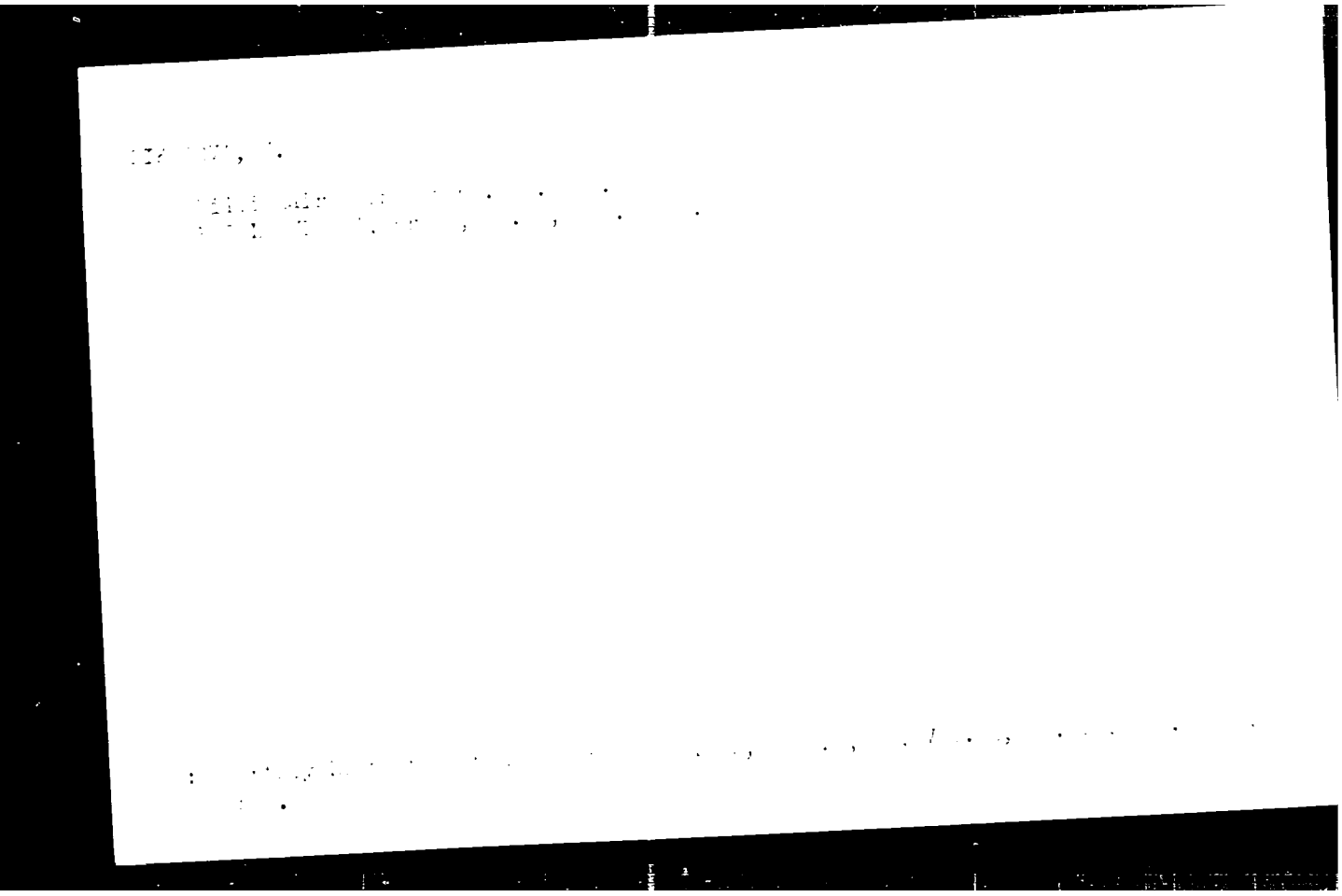
SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.



PIKETOVA, V.

Thirteen is a lucky number. [illegible].
KNIHA VLASTI, Praha, [illegible].

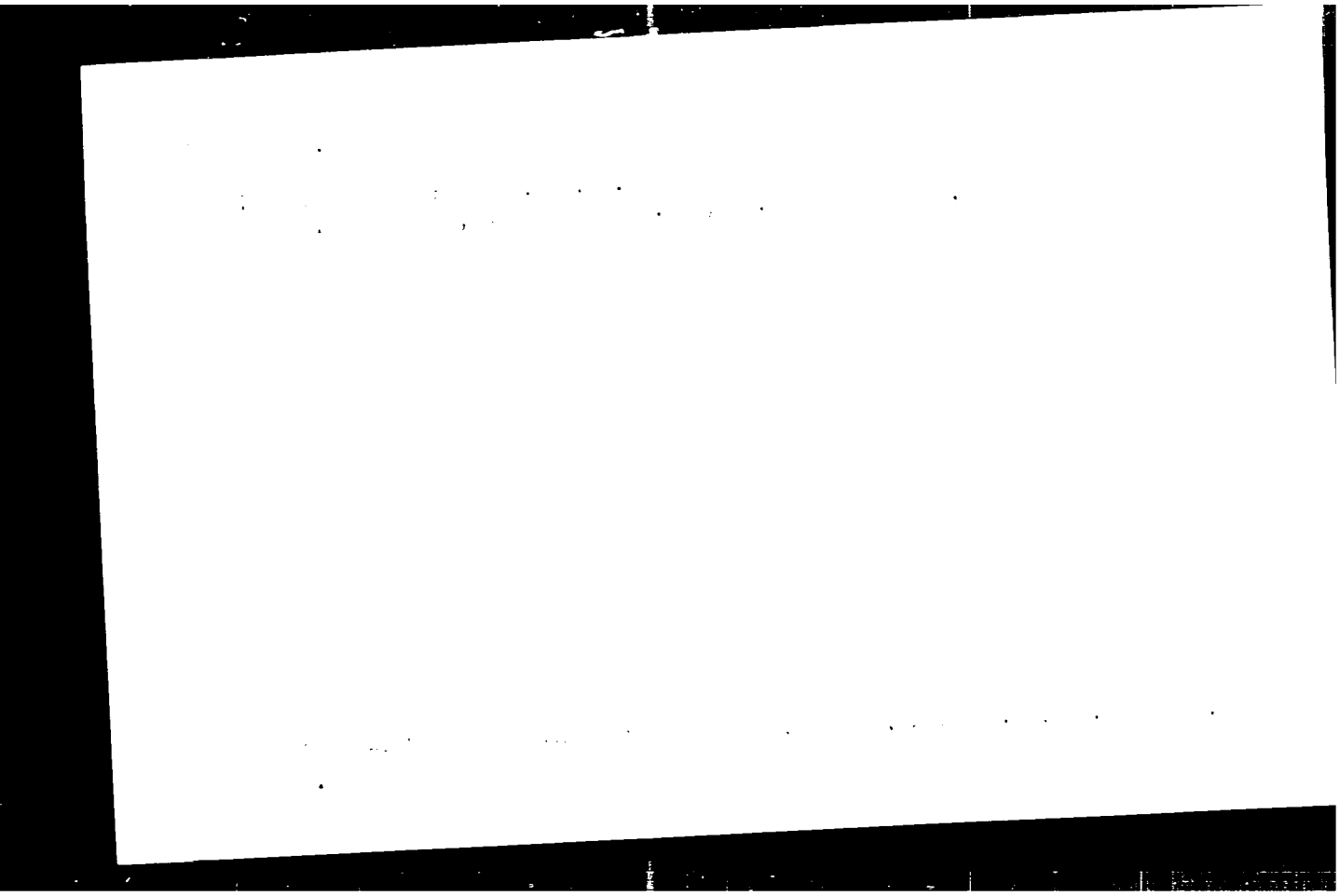
SO: Monthly List of East European Accessions, [illegible], LC, Vol. [illegible], [illegible], [illegible], Incl.



PIKRTOVA, V.

Among friends. p. 272.
Honored for devot... p. ...
KVETOLA VLASTI, Praha, ... , ...

SO: Monthly List of East European Accessions, (...), L , Vol. 4, no. ... , ...
ncl.



PIKRTOVA, V.

"Fights at Lesna. Tr. from the Polish", P. 312, (VRILLA VLASTI, Vol. 4, No. 14, July 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

FIMRTOVA, V.

"Spartakiad", p. 3[illegible], (CELIDLA [illegible], Vol. [illegible], No. [illegible], Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. [illegible], No. 1, Jan. 1955, Uncl.

PIKRTOVA, V.

"Start", P. 294, (KRIDLA VLASTI, No. 13, June 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

PIKRTOVA, Vlasta

Great achievement of Czechoslovak pilots. Kryl.rod.8 no.11:29 N '57. (MIRA 10:12)

(Czechoslovakia--Aeronautics)

SEMENCHENKO, V.K.; PIKROVSKIY, N.L.; LAZAREV, V.B.

Effect of small admixtures on polymorphic transformations in tin. Doklady Akad. Nauk S.S.S.R. 89, 1021-4 '53. (MLRA 6:4)
(CA 47 no.20:10306 '53)

1. PIKSANOV, N. K.

2. USSR (600)

4. Gogol', Nikolai Vasil'evich, 1809-1852.

7. Dramaturgy of Gogol'. Vest.Len.un., 7, no. 3, 1952.

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

PIKSANOV, O.

Brief news. Lab. delo 7 no.2:62 F '61. (MIRA 14:1)

1. Sekretar' pravleniya Kuybyshevskogo otdeleniya Vsesoyuznogo nauchnogo obshchestva vrachey-laborantov.
(BLOOD—DISEASES)

GERMANOV, V.A.; PIKSANOV, O.N.; SHAKINA, L.A.

Age-related thrombocytogram (... 100 years). Lab. delo no.2: 98-101 '65. (MIRA 18:2)

1. Gospital'naya terapevticheskaya klinika (zaveduyushchiy - prof. A.I. Germanov) Kuybyshevskogo meditsinskogo instituta.

GERMANOV, V.A.; GURIN, I.L.; PIKSANOV, O.N.

Case of eosinophilia in a patient with reticulosis. Probl. gemat. i perel. krovi 5 no. 10:55-57 '60. (MIRA 14:1)
(RETICULO-ENDOTHELIAL SYSTEM--DISEASES)
(EOSINOPHILES)

GERMANOV, Vladimir Anatol'yevich; PIKSANOV, Oleg Nikolayevich; PETROPOL'SKAYA, N.Ye., red.; DURASOVA, V.N., tekhn. red.

[Methods of laboratory research; a short textbook] Metodika laboratornykh issledovanii; kratkoe posobie. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1961. 91 p. (MIRA 15:3)
(DIAGNOSIS) (MEDICAL LABORATORIES)

PIKSANOV, O.N.

Kuybyshev Province Conference of Doctors and Laboratorians. Lab. delo 7 no.10:62 O '61. (MIRA 14:10)
(KUYBYSHEV PROVINCE--PUBLIC HEALTH--CONGRESSES)

PIKSANOV, O.N.

Thrombocytogram of X-ray room personnel. Vest. rent. i rad. 38 no.1:55-56 Ja-F'63. (MIRA 16:10)

1. Iz gospital'noy terapevticheskoy kliniki (zav. - prof. A.I.Germanov) i fakul'tetskoy terapevticheskoy kliniki (zav. zasluzhennyy deyatel' nauki prof. N.Ye.Kavetskiy) Kuybyshevskogo meditsinskogo instituta.

*

PIKSANOV, O.N.

Measurement of the blood platelets in healthy subjects. Lab. delo 8 no.5:17-21 My '62. (MIRA 15:12)

1. Gospital'naya terapevticheskaya klinika (zav. - prof. A.I. Germanov) Kuybyshevskogo meditsinskogo instituta.
(BLOOD PLATELETS)

PIKSANOV, O.N.

Thrombocytogram in healthy persons. Lab.delo 6 no.2:29-32 Mr-Ap '60. (MIRA 13:6)

1. Fakul'tetskaya terapevticheskaya klinika (zav. - prof. N.Ye. Kavetskiy) Kuybyshevskogo meditsinskogo instituta.
(BLOOD PLATELETS)

GERMANOV, V.A.; PIKSANOV, O.N.

Work of the Kuybyshev Department of the All-Union Scientific Society of Laboratory Physicians. Lab.delo 5 no.6:56-57 N-D '59. (MIRA 13:3)

(MEDICAL LABORATORIES)

PIKSANOV, O.N.

Thrombocytograms in children of different age groups. Pediatriia (MIRA 14:2)
39 no.2:9-13 F '61.

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - prof. N.Ye. Kavetskiy) Kuybyshevskogo meditsinskogo instituta (dir. - kand. med.nauk D.A. Voronov) i detskoy konsul'tatsii No.26 (glavnyy vrach Z.D. Osipova).

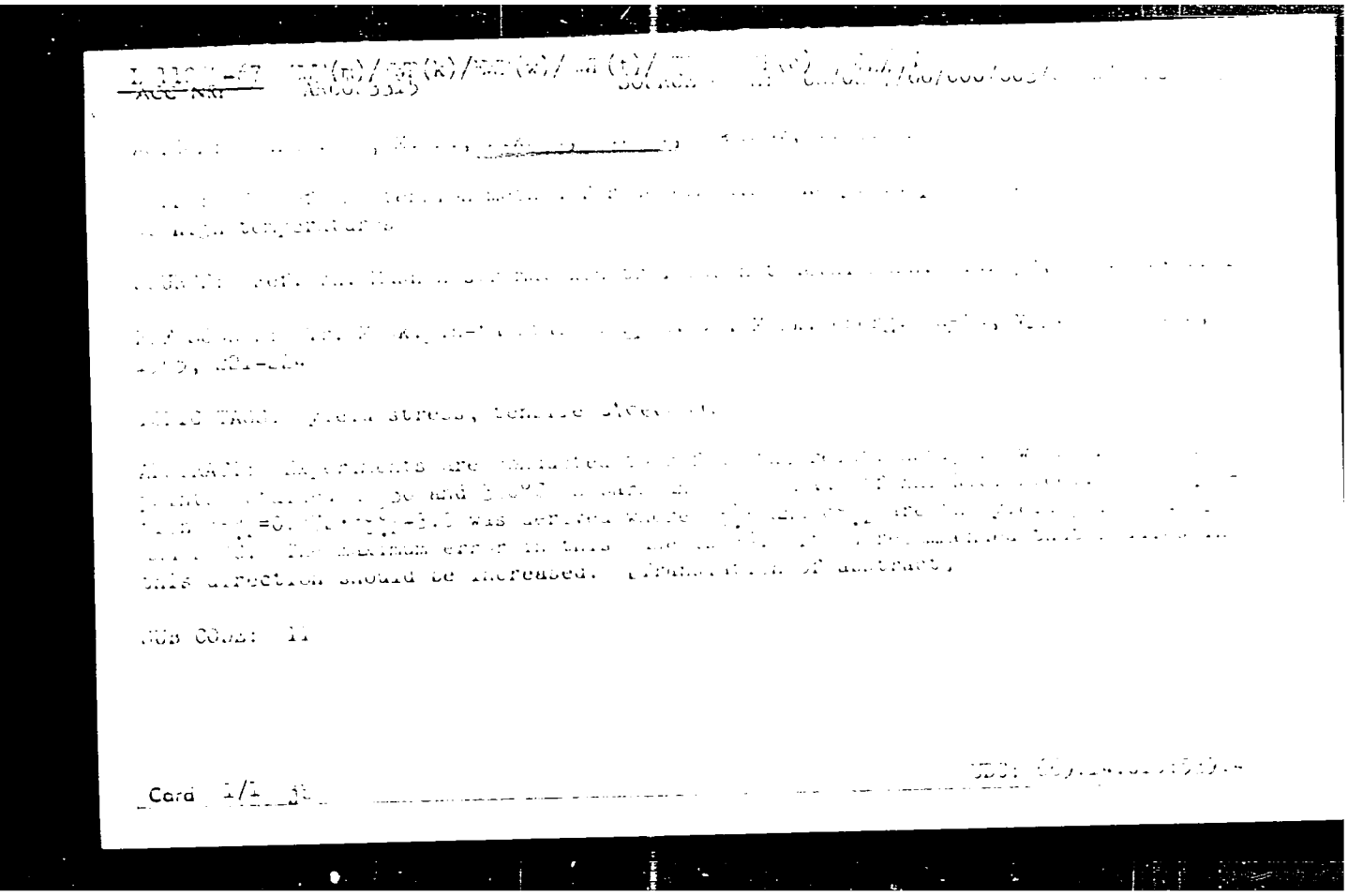
(BLOOD PLATELETS)

HÖDREJÄ..V, H.; OTT, R.; PIKSARV, A.; SIIRDE, A.; VARVAS, J.; VILBOK, H.

[Laboratory work in general chemistry] Praktilisi töid üldises keemias. Tallinn, Tallinna Polutehniline Instituut, 1963. 193 p. (MIRA 17:6)

PIKSAROV, A. Yu.: Master Tech Sci (diss) -- "Investigation of the structure of the olefins of shale tar using the method of catalytic hydrogenation". Tallin, 1958. 26 pp (Min Higher Educ USSR, Tallin Polytechnic Inst), 160 copies

(KL, No 1, 1959, 120)



Card 1/2

PIKSOTOV, S. P.

"Methods of Measuring Components of Small Dimensions." Sub 29 Dec 51, Moscow Mechanics Inst

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

SO: Sum. No. 480, 9 May 55

MARKOVETS, M.P., doktor tekhn. nauk, prof.; PASHNINA, V.I., aspirant; PIKSIN, Yu.I., aspirant

Impression and tension diagrams in the area of elastic and minor plastic deformations. Izv. vys. ucheb. zav.; mashinostr. no.2:94-98 '65. (MIRA 18:5)

1. Moskovskiy energeticheskiy institut.

L 07808-67 EWT(m)/EWP(w)/EWP(t)/ETI IJP(c) JD

ACC NR: AR6017498 SOURCE CODE: UR/0137/66/000/001/I106/I106

AUTHOR: Markovets, M. P.; Piksin, Yu. I.; Pashnina, V. I.

TITLE: Investigation of the possibility for determining yield stress at high temperatures without a standard specimen

SOURCE: Ref. zh. Metallurgiya, Abs. 11737

REF SOURCE: Tr. Mosk, in-ta stali i splavov i Mosk. energ. in-ta, vyp. 61, 1965, 225-227

TOPIC TAGS: yield stress, hardness, tensile stress, alloy steel

ABSTRACT: Linear relationships are found between the tensile yield stress $\sigma_{0.2}$ and hardness at the yield point $H_{0.2}$ in tests of Kh18N10T steel at 30 and 350°C. This linear relationship may be used to extend the room-temperature ratio between $\sigma_{0.2}$ and $H_{0.2}$ to high temperatures. The quantity $H_{0.2}$ is determined by indentation of a 10-mm ball until an impression 0.9 mm in diameter is formed. (From RZhMekh.) [Translation of abstract]

SUB CODE: 11

Card 1/1 mc UDC: 669.01:620.172

PIKTIS, A.; GARKAUSKAS, Yu.; INDRYUNAS, Yu. [Indriūnas, J.]

PM-2 measuring instrument for testing napped fabrics.
Izv.vys.ucheb.zav.; tekh.tekst.prom. no.3:29-32 '61. (MIRA 14:7)

1. Kaunasskiy politekhnicheskiy institut i Institut energetiki i elektrotekhniki AN Litovskoy SSR.
(Textile fabrics--Testing)

VARZHA, V.P., inzh.; PIKTIS, A.A., inzh., starshiy prepodavatel'

Redesign of ChT-21-Sh carding machines. Tekst.prom. 19 no.1:71-73 Ja '59. (MIRA 12:1)

1. Nachal'nik prigotovitel'nogo otdela fabriki "Drobe" (for Varzha). 2. Politekhnicheskiy institut, Kaunas (for Piktis)
(Carding machines)

S/081/61/000/019/042/085
B101/B101

AUTHORS: Borodina M L Shaykevich S B Pikterinskaya N. K., Gubareva. N A

TITLE: Preparation of titanium dioxide from highly titaniferous slags by means of sulfuric acid

PERIODICAL: Referativnyy zhurnal. Khimiya. no 19. 1961, 283, abstract 19K53 (Lakokrasochn. materialy i ikh primeneniye. no. 1, 1961, 33 - 36)

TEXT: Extraction of TiO_2 from Ti 85% ilmenite slag yields 95 - 96%. The H_2SO_4 consumption for extraction of 1 t TiO_2 from 42% ilmenite concentrate is 3.75 t, and 2.51 t for 80% titaniferous slags. The use of slag instead of ilmenite concentrate saves >33% H_2SO_4 and avoids all technical operations connected with the formation of iron sulfate. [Abstracter's note: Complete translation]

Card 1/1

PIKTORINSKAYA, N.K.; SHUB, D.M.; BORODINA, M.L.; BOGATYREV, P.M.

Increasing the resistance to chalking of muffle zinc whites in air. Lakokras. mat. i ikh prim. no. 6:21-26 '60. (MIRA 13:12)
(Zinc oxide)

LUZYANINA, T.Ya; POLYAK, R.Ya; PIKUL, A.P.; KUDRYAVTSEVA, V.K.

Conditions for influenza virus reactivation from a neutral complex with inhibitors. Acta virol. (Praha) [Eng.] 8 no.2: 172-178 Mr'64.

1. Department of Virology, Institute of Experimental Medicine, USSR, Academy of Medical Sciences, Leningrad.

*

PIKUL', I. N., Doc. Med. Sci.

Dissertation: "Epidemiology of Malaria in the Dagestan ASSR." First Moscow Order of Lenin Medical Inst., 3 Mar 47.

SO: Vechernyaya Moskva, March 1947 (Project #17836)

PIKUL', I.T., starshiy vikladach.

Role and place of the practical work of students in technical training. (MIRA 11:5)
Nauk. zap. ChDPI 11:63-71 '57.
(Technical education)

PIKUL', L.

Increase the transportation capacity and the profitability of the local passenger fleet. Mor. flot 23 no.7:5-7 Jl '63. (MIRA 16:8)

1. Starshiy inzh.-dispetcher glavnogo morskogo passazhirskogo agentstva Chernomorskogo parokhodstva.

87948

S/114/60/000/006/008/008
E194/E355

26.2194

AUTHOR: Pikul', V.N., Engineer

TITLE: A Screw-type Torque Pickup

PERIODICAL: Energomashinostroyeniye, 1960, No. 6, pp. 38 - 39

TEXT: In testing gas turbines it is important to be able to measure torque accurately during transient conditions. Torsiometers are useful for this purpose and those of the hydraulic type provide the simplest solution to the problem. However, they are seldom accurate enough, because the design of the torsiometer is not satisfactory.
Accordingly, the author has developed an accurate torsion mechanism which can be used to transform very small twisting strains into an axial displacement, which is readily measured. A sketch is given of the torsion mechanism. It consists essentially of a hollow rod surrounded by a torsion spring, the two being joined together by splines at one end and at the other by a four-start square thread. As torque is transmitted the end of the spring that is attached to a nut on the thread

Card 1/2

87948
S/114/60/000/006/008/008
E194/E355

A Screw-type Torque Pickup

rotates relative to the splines and so the free end shifts along the splines. The axial displacement is used to alter the throttling action of a fluid valve formed between the end of a hollow shaft and a seating attached to the spring. Working fluid is delivered to the torsiometer by a pump fitted with a head-stabilising device. It is possible to obtain direct proportionality between the value of pressure before the valve and the displacement of the splined end of the spring. The pressure is measured by a manometer and may be recorded on an oscillograph which can also give records of time and shaft speed. It is stated that the mean square error of torque measurement did not exceed $\pm$ 1%.
There are 3 figures and 1 Soviet reference.

X

Card 2/2

PIKUL', V.N., inzh.

Torsional screw pickup. Energomashinostroenie no.6:38-39 Je '60.
(MIRA 13:8)
(Gas turbines)

PIKUL', V.S., kand. tekhn. nauk

Erection of the Hokuriku railroad tunnel. Trans. stroi. 1[illegible] no.[illegible]: 71-72 Ag '63. (MIRA 17:2)

PIKUL', V.S., kand.tekhn.nauk

Constructing shallow tunnels. Transp.stroi. 9 no.8:54-55 Ag '59. (MIRA 13:1)
(Lucerne--Tunneling)

PIKUL', V.S., kand. tekhn. nauk

"Ladder" method of drilling boreholes (from foreign periodicals). Shakht. stroi. 5 no.9:30-32 S '61. (MIRA 16:7)

(Boring)

PIKUL', V.S., kand.tekhn.nauk, dots.

Formulas for calculating maximum-stable height of vertical soil walls. Trudy TSNIS no.4:105-107 '52. (MLRA 12:1)
(Soil mechanics)

PIKUL', V.S., kand.tekhn.nauk; ZAKANDYRIN, B.G., inzh.

Using vacuum grips in building and assembling operations. Mekh. trud. rab. 11 no.12:45-46 D '57. (MIRA 11:3)
(Vacuum apparatus) (Hoisting machinery)

L 04699-67 EWT(m)/EWP(j) IJP(c) WW/RM

ACC NR: AP6031283 SOURCE CODE: UR/0229/66/000/008/0064/0067

AUTHOR: Pikul', V. V.; Shul'min, V. I.

ORG: none

TITLE: Experience in the design and construction of plastic lifeboats

SOURCE: Sudostroyeniye, no. 8, 1966, 64-67

TOPIC TAGS: life raft, polyurethane, shipbuilding engineering, plastic filler

ABSTRACT: On the basis of modern views on the nature of external and internal forces, the design and construction of small plastic lifeboats is discussed, and the possibility of applying similar methods to the building of large lifeboats is analyzed.

The Soviet Interdepartmental Commission for the Use of Plastics in Shipbuilding has approved for small plastic lifeboats (up to 6 m long) a frameless construction technique involving the use of a type PPU-3S polyurethane foam sandwiched between two shells (see Fig. 1). The inner

Card 1/3

UDC: 629.125.5.011.28

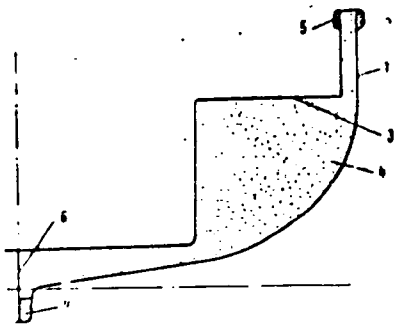


Fig. 1. Cross-section of a frameless lifeboat

1 - Outer shell, 3 mm; 2 - keel; 3 - inner shell, 2.5 mm; 4 - plastic filler; 5 - bulwark; 6 - middle keelson.

shell is locally reinforced with brackets, and is provided with semi-bulkheads of type PKhV-1[5] foamed plastic,[6] which divide the space between the shells. The plastic filler cannot be considered to contribute to the total strength of the boat's hull, since it effects only a local strengthening of the shell structure. The hull is calculated as a uniformly loaded beam of prismatic section with two points of support on its lifting eyes. Calculated values for strength and modulus of elasticity are tabulated for 13 types of lifeboats carrying between 10 and 99 per-

sons and assuming a double-shell structure of 3.0-mm (outer-shell) and 2.5-mm (inner-shell) thickness. From the results of this analysis, it can be concluded that glass-reinforced plastics with the following specifications can be used for the shell structure: bending strength, 1400 kg/cm^2; shear strength, 500 kg/cm^2; and modulus of elasticity, $E = 0.70 \times 10^5$ kg/cm^2. The strength and E calculations are based on the theory of a continuously supported beam under a static load effecting a maximum deflection of 1/50 of the beam span.

A table presents the calculated characteristics of the plastic filler for the 13 types of lifeboats discussed. In addition, most types of rigid and semiflexible foamed plastics are suitable for use in panel construction. It is concluded that for the outer layers of shells containing glass fiber with satin interweaving the modulus of elasticity can be augmented as much as required for applying the same material for the 3-mm-thick shells of the larger lifeboats. Orig. art. has: 2 figures, 3 tables and 6 formulas. [ATD PRESS: 5088-F]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 005

PIKULA, J.

Birds on the ponds of Ceskomoravska vysocina.

P. 185 (Ochrana Prirody) Vol. 12, no. 6, Aug. 1957 Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 1, Jan. 1

PIKULA, Jiri, prom. biolog. (Kurim u Brna 581)

Birds of Alpine zone in Belanske Tatra Mountains. Biologia 16 no.9: 668-677 '61.

(Birds)

PIKULA, P.

Operation and repair of DR 30/50 diesel engines. Mor. flot 18 no.7:20-21 Jl '58. (MIRA 11:7)

1.Glavnyy inzhener Vladivostokskogo portoflota.
(Marine diesel engines)

S/124/61/000/008/023/042
A001/A101

26.4140

AUTHOR: Pikul', V.N.

TITLE: Stand for testing turbine starters

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 8, 1961, 40, abstract 8B247 ("Tr. Kuybyshevsk, aviats. in-t", 1959, no. 8, 5 - 9)

TEXT: A universal stand has been developed for dynamical tests of turbine starters. This stand makes it possible to observe conditions close to operational ones during the entire starting cycle and to measure instantaneous magnitudes of power at various revolutions of the outrigger shaft. The developed method of testing turbine starters makes it possible to automate the process of loading at a selected mode of speeding-up.

V. Borodin

[Abstracter's note: Complete translation]

Card 1/1

PIKUL', V.S., kand.tekh.nauk

Installing a reinforced concrete [illegible]
lowering of the level of rails in a tunnel. [illegible]
no.6:53-55 Je '64.

PIKUL', V.S., kandidat tekhnicheskikh nauk.

Unit for sinking mine shafts. Mekh. trud. rab. 11 no.4:36-38 Ap '57. (MLRA 10:6)

(Mining machinery)

PIKULEV, A.T.

The phosphatide component of osseocollagen. Ukr.biokhim. zhur. 31 no.1:22-30 '59. (MIRA 12:6)

1. Department of Biochemistry of the Stalingrad Medical Institute.
(PHOSPHORUS IN THE BODY) (OSSEIN)

L 32920-66 EWT(m)

ACC NR: AP6019752 SOURCE CODE: UR/0300/66/038/003/0258/0263

38
6

AUTHOR: Pikulev, A. T.; Konyayeva, M. P.

ORG: Belorussian State University im. V. I. Lenin (Belorusskiy gosudarstvennyy universitet); Institute of Physiology, Academy of Sciences Belorussian SSR, Minsk (Institut fiziologii Akademii nauk Belorusskoy SSR)

19

TITLE: Effect of neutron irradiation on aminotransferase activity of the central nervous system and skeletal muscle

SOURCE: Ukrayins'kyy biokhimichnyy zhurnal, v. 38, no. 3, 1966, 258-263

TOPIC TAGS: relative biological efficiency, gamma irradiation, biologic metabolism, central nervous system

ABSTRACT: Mature albino rats weighing 160—220 g were irradiated with 13-rad γ-ray doses filtered through 4.5 cm borium carbide and 50 cm iron. Reactor power was 1000 kv. Neutron energy ranged from 0.04 Mev to 1.35 Mev. Rats were kept in a plexiglass container and given a 13-rad dose for 60 min. Examinations were made on the 1st, 3d, 15th, and 30th day. The rats were decapitated, and their organs were removed, treated, and homogenized in the cold with pH 7.5 phosphate buffer. Activity of L-aspartate (2-oxoglutarate-aminotransferase, 2.6.1.1) and L-alaninketoacid aminotransferase systems was determined by the Umbreit method, except that the latter compound (a mixture

UDC: 577.391

Card 1/2

L 32920-66

ACC NR: AP6019752 0

of homogenate and substrate) was incubated 20 min. Activity was calculated in colorometric units/g of raw tissue and results were statistically analyzed. Enzyme activity was affected in the cerebral cortex, cerebellum, spinal cord, and musculus gastrocnemius; it was irregular and uncoordinated, and evident in the coefficient changes denoting the relation between the two systems. It was concluded that irradiation of albino rats with neutrons of intermediate energies in doses of 13 rad leads to changes in the activity of aspartate aminotransferase and alaninketoacid aminotransferase in the cerebral cortex, cerebellum, spinal cord, and skeletal muscle. These changes are characterized both by a rise and fall in the transaminizing enzymes and by the discoordination of the enzyme system. Orig. art. has: 3 tables and 2 figures. [14]

SUB CODE: 06/ SUBM DATE: 14Dec64/ ORIG REF: 003/ ATD PRESS: 5027

Card 2/2

PIKULEV, A.T.

Studying elastin as a lipoprotein of normal human aortas and the changes in its properties due to arteriosclerosis. Ukr. biokhim.zhur. 31 no.1:67-74 '59. (MIRA 12:6)

1. Department of Biochemistry of the Stalingrad Medical Institute.

(ELASTIN) (ARTERIOSCLEROSIS)

CHERKASOVA, L.S.; PIKULEV, A.T.

Change in the glutaminic and alaninic aminopherase in the central nervous system and skeletal muscles during X-ray irradiation. Dokl. AN BSSR 8 no.4:263-266 Ap '64.
(MIRA 17:6)

1. Belorusskiy gosudarstvennyy universitet imeni Lenina i Institut fiziologii AN BSSR. Predstavleno akademikom AN BSSR T.N. Godnevym.

PIKULEV, A.T.

Osseocollagen—a cholesterol-protein complex. A. T. Pikulev (Med. Inst., Stalingrad). *Ukrain. Biokhim. Zhur.* 27, 617–21(1955)(in Russian).—The material studied consisted of bovine hip bones, com. gelatin, and procollagen isolated from skin. The hip bones were freed from tendons, muscles, periostium, and particularly of bone marrow, then decalcified with HCl. They were then freed from traces of HCl, dried to const. wt., and extd. with Et_2O and $CHCl_3$. The com. gelatin was powd. and washed with H_2O. Procollagen was obtained from skin by the method of Orekhovich, *et al.* (*C.A.* 42, 7805*e*). All materials were then dried to const. wt. at 50–60°. With the aid of the digitonin method it was shown that the org. substance of bone contains 2.8–4.0 mg % cholesterol. The presence of cholesterol in procollagen was also demonstrated, but no detns. were made. The cholesterol content of osseocollagen corresponds very nearly to that found by Niki-Uskara (*C.A.* 48, 13757*e*) in myostroma. In osseocollagen cholesterol is present in the form of loose and firm protein complexes. B. S. Levine

L 28906-66 EWT(m)
ACC NR: AP6019163 (A,N) SOURCE CODE: UR/0325/66/000/001/0090/0093

AUTHOR: Pikulev, A. T.; Yakubovich, L. S. 21 B

ORG: Department of Biochemistry and Biophysics, Belorussian State University im. V. I. Lenin (Kafedra biokhimii i biofiziki Belorusskogo gosudarstvennogo universiteta)

TITLE: Variation in glutamic-alanine and glutamic-asparagine aminopherase in connection with x-rays 19

SOURCE: Nauchnyye doklady vysshey shkoly. Biologicheskiye nauki, no. 1, 1966, 90-93

TOPIC TAGS: enzyme, amino acid, rat, x ray irradiation, radiation biologic effect

ABSTRACT: The article presents results of an investigation of changes in the activity of alanine and aspartate transaminase in the liver, kidney, spleen and cardiac muscle of white rats after general exposure to x-rays in a dose of 100 r. Aminotransferase activity was determined 1, 2, and 24 hours after x-ray exposure. Two types of changes were noted. One was characterized by a lowering of the rate of transamination from L-alanine to alpha-ketoglutaric acid (liver, spleen). The other was characterized by phased changes after x-rays. Only in the spleen was there a positive correlation between the change in activity of alanine and aspartate aminotransferase at all periods after irradiation. The authors thank Doctor of Biological Sciences, Professor L. S. Cherkasovaya for her constant leadership in the work. Orig. art. has: 1 figure and 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 06May65 / ORIG REF: 005

Card 1/1 ee

PIKULEV, A.T.

Osseocollagen as a cholesterine-protein complex. Ukr. biokhim. zhur. 27 no.4:517-521 '55. (MLRA 9:3)

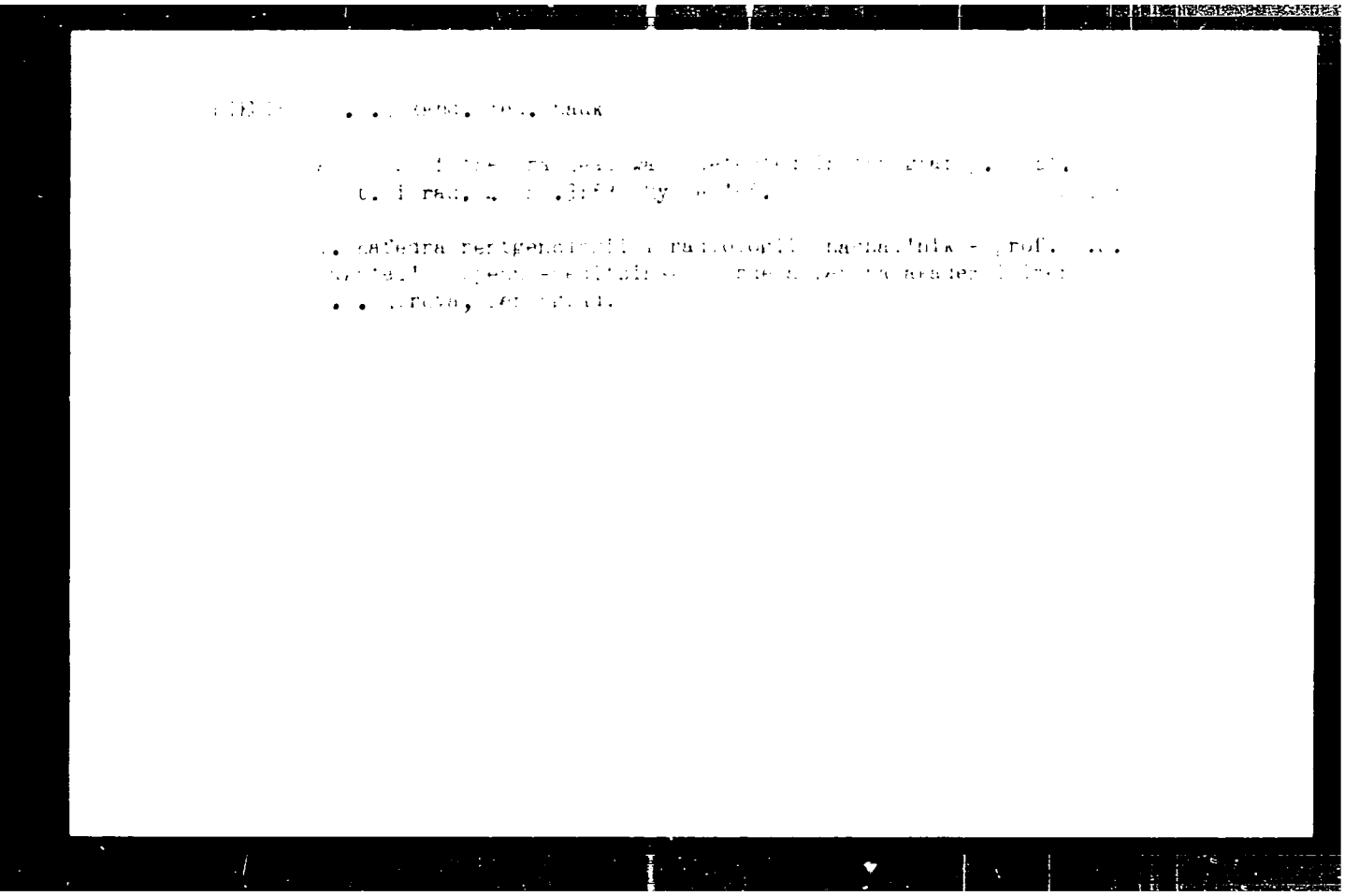
1. Kafedra biokhimii Stalingradskogo meditsinskogo ins'tituta.
(CHOLESTEROL) (COLLAGEN)

NIKULEV, I. F.

Technology

Masters of coal; essays, Moskva, Gosgeoltekhizdat, 1[illegible].

9. Monthly List of Russian Accessions, Library of Congress, June 1[illegible]. [illegible], Uncl.



PIKULEV, L.A. (Leningrad, Bol'shoy prospekt, d.104,kv.8)

Methodological characteristics of tomography of the skeleton, trunk, and extremities. Vest. rent. i rad. 36 no. 2:34-40 Mr-Ap '61. (MIRA 14:4)

1. Iz kafedry rentgenologii i radiologii Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(RADIOLOGY, MEDICAL)

PIKULEV, L.A.

Observation of free transposition of interlobar exudate. Vest.rent. i rad. 32 no.4:72-73 Jl-Ag '57. (MIRA 10:11)

1. Iz kafedry rentgenologii i radiologii (nach. - prof. Sh.I. Abramov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(EXUDATES AND TRANSUDATES
in interlobar pleurisy, x-ray observation of transposition)
(PLEURISY
interlobar, x-ray observation of transposition)

PIKULEV, L.A.; GHERENYUK, V.I.

Roentgenokymography of the diaphragm following suturing of the facial nerve with the phrenic nerve. Vest.rent.i rad. 35 no.1: 24-28 Ja-F '60. (MIRA 13:6)

1. Iz kafedry rentgenologii (nach. - chlen-korrespondent AMN SSSR prof. G.A. Zedgenidze) i kafedry neyrokhirurgii (nach.- dotsent B.A. Samotokin) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova. Adres avtora: Leningrad, 22, Bol'shoy prospekt, d.104, kv.8.

(FACIAL PARALYSIS surg.)
(PHRENIC NERVE surg.)
(DIAPHRAGM radiogr.)

PIKULEV, L.A.

X-ray diagnosis of aortic aneurysm with perforation into the esophagus. Vest. rent. i rad. no.5:93-94 S-O '55. (MLRA 9:1)

1. Iz kafedry rentgenologii (nach.--prof. Sh.I.Abramov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.

(AORTIC ANEURYSM, compl.rupture into esophagus. x-ray diag.)

(ESOPHAGUS, dis. rupt. of aortic aneurysm into esophagus, x-ray diag.)

YELASHOV, Yu.G.; KISHKOVSKIY, A.N. (Leningrad,K-9,Lesnoy prospekt,d.4,kv.11)
LINDENBRATEN, L.D.; PIKULEV, L.A.

Roentgenography with direct enlargement of the image. Vest. rent. i rad. 36 no. 2:25-28 Mr-Ap '61. (MIRA 14:4)
(RADIOLOGY, MEDICAL)

PIKULEV, N.

Attachment for the "Druzhba" gasoline saw. Sel'. stroi. 16 no.10:25-26 O '61. (MIRA 14:11)

1. Predsedatel' Yurlinskoy mezhkolkhoznoy stroitel'noy organizatsii Permskoy oblasti.
(Drilling and boring machinery)

PIKULEV, N.A.

Portable frequency meter for measuring mechanical quantities. (MIRA 17:2)
Priborostroenie no.1:30 Ja '64.

[illegible], N. [illegible].

Summation devices base[illegible] [illegible] [illegible] [illegible]entimeters. Priborostroenie no.[illegible] [illegible] (MIRA 1[illegible]:11)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012408

PIKULEV, N.A., kand.tekhn.nauk

Use of electric models of the process of passing through the resonance by a foundation or a machine with antivibration mountings. (MIRA 15:4)
Trudy TSNIISK no.1:104-115 '61.
(Vibration) (Electromechanical analogies)

PIKULEV, N.A., kand.tekhn.nauk

Determining stress in round reinforcement. Bet.i zhel.-bet. no.6: 266-268 Je '61. (MIRA 14:7)
(Concrete reinforcement)

PIKULEV, N.A., kand.tekhn.nauk

Device for controlling the strain of reinforcement of reinforced concrete elements. Prom. stroi. 39 no.9:51-52 '61. (MIRA 14:10)
(Concrete reinforcement)

9(6) SOV/119-59-10-16/19

AUTHOR: Pikulev, N. A., Engineer

TITLE: Improvements in the Oscillograph MPO-2

PERIODICAL: Priborostroyeniye, 1959, Nr 10, p 30 (USSR)

ABSTRACT: The improvement consists of a shaft provided in the oscillograph for the selection of the capacity, which turns synchronously with the tape-transport mechanism. This synchronous drive is very useful for the recording of a frequency characteristic or some other dependence of mechanical or electrical systems. The clutch between shaft and transport mechanism is operated by push-button. There is 1 figure.

Card 1/1

[illegible]
S/119/62/000/003/[illegible]
D201/D303

9.6190

AUTHOR: Likulev, [illegible]

TITLE: An electrodynamic integration vibrational pick-up

PERIODICAL: Priborostroyeniye, no. 3, 1962, 9 - [illegible]

TEXT: The author describes a new electrodynamic pick-up, [illegible] coil is not fixed to an inertial mass, but is [illegible] on a [illegible] link K. Owing to this the amplitude of the voltage generated by its winding is proportional, (within a wide frequency range) to the amplitude of displacement y only and is independent of frequency. [illegible] the system is an integrating one. Analysis of the solution of the instrument system of equation shows that for $u \rightarrow \infty$ (where $u = k_2/k_1$, k_1 being the rigidity of support and k_2 - that of the elastic link between the inertial mass and the coil), which corresponds to a rigid mounting of the coil, the amplitude of voltage outside the resonance band is proportional to frequency in the same way as in a velocity pick-up. For $\rho = 0$ ($\rho = m_2/m_1$, m_1 being the inertial-

Card 1/2