

BELA, Palify, dr.; PAVEL, Lorincz, dr.

A case of abdominal aortic aneurysm perforated into the duodenum.
Med. intern. 15 no.3:345-348 Mr '63.

1. Lucrare efectuata la Catedra de anatomie patologica a Institutului de medicina si farmacie din Tg. Mures (cond.: conf. dr. Gyergyay Francisc) si la Spitalul clinic de boli contagioase (cond.: prof. dr. Kelemen Ladislau).

(AORTIC ANEURYSM)
(HEMATEMESIS)

(AORTA, ABDOMINAL)
(MELENA)

(AORTIC RUPTURE)
(SHOCK, HEMORRHAGIC)

~~LUBOŠKA~~, Pavel, Lyubomir

AC
Soil humus problem. II. Amino-acid composition of the hydrolyzates of humic acids in different soil types. Lubomir Pavel, Jaroslav Koloušek and Václav Šmatlík (Vysoká škola zemědělská, Prague), Sborník Českoslo. Akad. Zvěstí. Ved. 27A, 207-12(1954); cf. C.A. 4b, 7829A.— The qual. amino-acid compn. of the acid hydrolyzates of humic acids isolated from different soil types (chernozem, brown, and podzolic soils) was detd. by paper partition chromatography. The amino acids found were: cysteic acid, aspartic acid, glutamic acid, dihydroxyphenylalanine, serine, glycine, threonine, α-alanine, lysine, arginine, proline, valine, and methionine, methionine-sulfone, tyrosine (trace) and 2 not identified substances. The org. S of humic acids was estd. to be a structural element of cysteic acid and methionine. There was no difference in qual. amino acids compn. in different soil types. The amino acids in the acid hydrolyzates of humic acids show the polypeptide chain structure. Jan Miska

(2)

PAVEL, M., ing.

Rationalization of the electric energy consumption and
improvement of the power factor at the Rumanian Filatura
Cotton Mills. Ind text Rum 14 no.9:413-416 S '63.

1477. M.

Topologic products.

P. 1073 (Academia Republicii Populare Romine. Comunicarile. Vol. 6, no. 9, Sept. 1958
Bucuresti, Rumania)

Monthly Index of East European Accessions (1958) LB. Vol. 7, no. 1,
February 1958

PAVEL, M.

Certain characteristics of linear retractions. p. 19.
(ANALELE. SERIA STIINTELOR NATURII. Rumania. Vol. 5, no. 10, 1956)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

ROMANIA

CONSTANTINESCU, D. Gr.; BOJBU, G.; MANUCHEAN-DRAGOMIRESCU, Maria;
PLATON, Florentina; PAVEL, Margareta; GRINTESCU, A.;
GEORGESCU, Viorica.

Institute for State Control of Medicines and Pharmaceutical
Research (Institutul pentru controlul de stat al medicamentelor
si cercetari farmaceutice) - (for all)

Bucharest, Farmacia, No 5, May 1968, pp 285-291

"Contributions to the Method of Obtaining Ergot of rye Selected
by Alkaloid Groups."

7

ROMANIA

STEER, Viorica, MD.; BERGER, Ladislau, MD.; PAVEL, maria, MD.

Bucharest, Viata Medicala, no 15, 1 Aug 63, pp 1053-1054

"Congenital Tuberculosis of the Newborn (Anatomical and
Clinical Description)."

PANAITIE, C., ing.; MARCU, Gh., ing.; IONESCU, Gh.; RADU, N.; PAVEL, I.
VASILESCU, I., ing.; ROSU, A., ing.; PAVEL, M., ing.; LUCI, S.;
MIHAI, Gh.; SANDULESCU, M., ing.; AVACHIAN, A., ing.; ANDREICOVICI, I.,
Gh., ing.; UNTERFINGER, I., ing.

New technology in combed cotton spinning for improving yarn
quality. Ind text Rum 14 no.10:448-450 S '63.

1. De la Filatura romineasca de burbac (for Panaitie, Marcu,
Ionescu, Radu, Pavel, I., Vasilescu, Rosu, Pavel, M., Lucu,
Mihai, Sandulescu).
2. De la Institutul de cercetari textile (for Avachian,
Andreicovici, Unterfinger).

Table, Mary, ing.

Substantive research by statistical methods. It is
applied to the study of the law.

RUMANIA

VINTAN, A., Dr, MOLDOVAN, M., Dr, and PAVEL, Maria, Dr, of the Faculty of Veterinary Medicine (Facultatea de Medicina Veterinara), Timisoara.

"Uterus Dynamics in Some Ovary Infections in Cows."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 8, Aug 63, pp 46-58.

Abstract [Authors' English summary modified]: Uterus dynamics show some characteristic aspects associated with diseases of the ovaries. In the case of old corpus luteus (so-called persistent corpus luteus) the curve shows small amplitude modulations with rounded tops and bottoms. Lutein cysts cause the curve to become a straight line, with some very small modulations caused primarily by abdominal organs near the uterus. Large isolated folliculin cysts cause a curve with few even modulations having pointed peaks and rounded bottoms. Microcysts result in numerous modulations with pointed peaks and bottoms accompanied by large variations in the tonus of the uterus muscle.

Includes 10 figures and 11 Rumanian references.

TEODOROVICI, Gr.; BALTEANU, Ecaterina; BERNESCU, Elisabeta; PENCEA, I.; PAVEL,
Mariana

Sensibility of some staphylococcal strains to oleandomycin-tetracycline
(sigmamicin). Microbiologia (Bucur) 6 no.1:59 Ja-F '61.

*

PAVEL, MONICA

✓ Pavel, Monica. Sur les produits topologiques. Com. Acad. R.P. Roumne 6 (1956), 1073-1077. (Romanian. Russian and French summaries)

In this note the author gives three theorems concerning the projection operators of a topological vector space (t.v.s.) and the extension of linear operators. The theorems are trivial, and evidently cannot be considered as being new. As an example, here is the first of them: If the subspace A_i ($i \in I$) of the t.v.s. E_i ($i \in I$) has a topological supplementary, then $\prod_{i \in I} A_i$, as subspace of $\prod_{i \in I} E_i$, has a topological supplementary. C. T. Ionescu Tulcea.

1-FW

2

111

Page 1, Konrad

Thermal transformation products of amino acids. I. Kert (1937) and Konrad Pavel. *Z. Naturforsch.* 12b, 97-101 (1957). Thermal treatment of 50 g. glycine (dried with 200 g. quartz sand) 70 min. at 250-300°C gave a residue (A) and volatile products (B) consisting of a sublimate (I) (traces of glycine and 2,5-dihydroxy-pyrazine), a condensate (II) of H₂O contg. NH₃, CO₂, and a trace of HCN, a fraction (III) contg. NH₃, and traces of HCN and MeNH₂, a fraction (IV) contg. HCN (detected as AgCN), a fraction (V) contg. CO₂, and fractions (VI) and (VII) which did not contain hydrocarbons, CO, or H₂. The total aggregate yields (g.) of volatile products were CO₂ 3.39, H₂O 15.11, NH₃ 2.63, and HCN 0.03. Treatment of 277 g. A with 2 l. 0.5N NaOH (N atm.) 2 hrs. at 75°C gave a volatile fraction, from which was obtained 0.2 g. NH₃Cl and a trace of MeNH₂, HCl, and a soln. which was filtered, the residue (sand) washed with H₂O and extd. on the H₂O bath with 80 ml. 2N NaOH; the combined alk. solns. and wash brought to pH 2 with 320 ml. 5N HCl, the black sludge soln. and by centrifuging, washed with H₂O, dissolved in 10% NH₄OH (pH 7), centrifuged to remove insol. material, the NH₄OH soln. treated with 20 ml. 5N HCl, the ppt. collected by centrifuging, washed with 0.01N HCl and H₂O, the ppt. dialyzed in 1 l. H₂O against 88 l. H₂O, and the dialyze dried at 35°/15 mm., giving 20.5 g. black "thermo-glycine-melanoid" (A 41). The dialyze and all the centrifugate supernatant solns. concd. in vacuo to incipient sepn. of NaCl, and the red-brown soln. brought to pH 4.5 with NH₄OH pptd. a red-brown sludge (A 41), purified by soln. in 50% EtOH and pptn. with NH₄OH. The soln. from the ppt. was concd., freed of NaCl, toned, again to a syrup, dild. somewhat with H₂O, and treated with EtOH (stirring) until a 50% EtOH soln. was obtained, and the red-brown oil (A 51) which remd. purified

HEYNS, KURT; PAVEL, KONRAD

by successive soln. in alc. and evapn.; the combined ppt. from the purification dild. with H₂O yielded a red-brown sludge (A 71), purified as was A 51. Treatment of the mother liquors and centrifuge supernatant soln. from A 71 with 70% EtOH several times gave a red-brown oil (A 81) and an EtOH soln. (A 82) which, (concd., filtered from NaCl, and treated with EtOH, gave an 80% soln. (A 91), settling to a slurry of glycine crystals. The mother liquor (A 81, from the glycine and the EtOH soln., A 91, combined (fraction a), dild. with H₂O to 150 ml., put on ion-exchange resin Lewatit S 100, H-form, the effluent concd. to 20 ml. *in vacuo*, extd. with H₂O, the ext. dried with anhyd. Na₂SO₄, the Et₂O dild., and the residue treated with satd. aq. NH₄OH gave (CO₂NH₂), the filtrate from which, acidified with H₂SO₄ and extd. with Et₂O gave (CH₃CO₂H). The ion-exchange resin S 100 eluted with 2N NaOH, the eluate concd. *in vacuo*, passed over ion-exchange resin Lewatit MI, OH-form, and the effluent brought to pH 4 gave a solid chocolate-brown substance (a 31); from the mother liquors of a 31 glycine was isolated. Workup of the mother liquors from the glycine (10-fold quantity of material) gave cryst. alanine and aspartic acid. Elution of the ion-exchange resin MI with HCl gave a slight quantity of a brown solid (a 34) and a red-brown sirup (a 35). The distillate, II, neutralized with NH₄OH after the detn. of volatile products, passed through Lewatit S 100, the effluent dild., the distillate neutralized with Na₂CO₃, dried, a little H₂O added, and the mixt. filtered from the NaCl, acidified with H₂SO₄, and extd. 24 h. with Et₂O gave AcOH [detected with La(NO₃)₃]. Workup of a 10-fold quantity of material gave 0.2 g. AcOH contg. 1.7% HCO₂H (detected as the benzylsulfonium salt). An Et₂O ext. of the residue (II 31) yielded (CH₃CO₂H), identified as the Pb salt, A₃ salt, and by paper chromatography; fumaric acid was also detected in the papergram. The ion-exchange resin S 100

4

4/3

15. KURT, PAVEL, KONRAD

cluted with 2N HCl, the eluate evapd. to dryness, the residue extd. with abs. EtOH, the NH₄Cl which sepd. removed, the EtOH evapd., and the residue extd. with hot BuOH gave an ext. in which glycine, glycyglycine, alanine, and possibly BICH(NH₂)CO₂H could be detected by paper chromatography. The thermal treatment of alanine, leucine, phenylalanine, tyrosine, and gelatin at 310-40° was also investigated but restricted to the distn. of H₂O, CO₂, N₂, and HCN (qualitatively). Whereas glycine and gelatin gave a mole N/mole CO₂ ratio of 2:1, the others a 1:1 ratio; only glycine, alanine, and gelatin gave HCN, and the black thermo-melanoid from alanine, leucine, phenylalanine, and tyrosine was at best slightly sol. in alkali. II. Thermo-glycine-melanoid. *Ibid.*, 109-1E. Thermo-glycine-melanoid (I) is obtained in 60% yield from glycine as a deep black, glaucous, friable, granular substance insol. in H₂O but sol. in dil. alkali to give red-brown solns. from which material of the original phys. appearance can be obtained by pptn. with acid. Many chem. and phys. properties of I are also shared by humic acid, "synthetic humic acid", and melanoidin, and I is thought not to be a completely homogeneous product, but a mixt. of "polymeric homologous thermo-melanoids." The mean mol. wt. of I is about 1000 (deterd. in molten urea). Stepwise hydrolysis of I in H₂O 2 hrs. at 40-50° (N atm.), in H₂O 12 hrs. at 120-30° (rotating autoclave), and in HCl (d. 1.19) 22 hrs. at 110° (glass autoclave), and work-up of the solid products and aq. exts. gave the same products as were obtained from the thermal treatment of glycine: CO₂, glycine, alanine, glycyglycine, aspartic, oxalic, succinic, fumaric, and α -aminobutyric acids. Paper chromatograms of both amino acids and organic acids contained spots of unknown origin. J.M.D.

4

3/6

PAVEL, Monica

~~Manuscript~~

3

1

Vector

Topology

Sm...

Pavel, Monica. Quelques observations sur l'inversion des applications linéaires et continues des espaces vectoriels topologiques. Com. Acad. R. P. Roumne 5 (1953), 1567-1572. (Romanian, Russian and French summaries)

Rephrasing of well-known results in terms of the author's notion of "linear retraction" (i.e., projection).
V. L. Klee (Los Angeles, Calif.)

PAVEL, D., prof. dr. ing.; PAVEL, M., ing.

The hydraulic turbotransformer for irrigation. Hidrotehnica 7 no.9:
294-302 S '62.

PAVEL, M., ing.

Present stage of developing the bulb-shaped turbine.
Hidrotehnica 8 no.11:408-417 N '63.

PAVEL, Monica

2
Pavel, Monica, Quelques propriétés des rétractés linéaires. An. Univ. "C. I. Parhon" București. Ser. Ști. Nat. 5 (1956), no. 10, 19-22. (Romanian. Russian and French summaries)

The topological concepts of retract and absolute retract have obvious analogues for ~~topological~~ vector spaces, all mappings involved being assumed linear. The resulting concepts are "linear retract" and "absolute linear retract", and the author establishes for these a number of analogues of results known for the purely topological case.

R. E. Edwards (Woking)

8/11

BLEJUSCA, V., ing.; PAVEL, V., ing.

Calculation and selection of ear-type travelers for worsted
ring spinning mills. Ind text Rum 15 no. 2:71-75 F '64.

PAVEL, YU. G. (USSR).

Transmission of Immunological Reactivity by Homologous Deoxyribonucleoproteins.

report presented at the 5th Int'l.
Biochemistry Congress, Moscow, 10-16 Aug. 1961

PAVELESCU, D.

"Instrumentation for engineering measurement" by R.H.Cerni,
L.E.Foster. Reviewed by D.Pavelescu. Studii cerc mec apl 14
no.3:738-739 '63.

PAVELESCU, Dan

On the measurement errors and their magnitude, in the case of
the study of wear with radioactive isotopes. Studii cerc mec
apl 14 no.3:621-640 '63.

PAVELESCU, D.

✓ 487. Pavelescu, D., and Pantelimon, I., Magnetic tape recording of mechanical quantities with slow variations (in French), Acad. Repub. Pop. Romane. Rev. Mecan. appl. 2, 2, 1957.

Authors deal with a new research method consisting of recording the variations of mechanical quantities on a magnetic tape. Method also allows for recording of other phenomena which may be transposed into variable electrical quantities. Results obtained and practical applications are discussed.

Staff, Revue de Mécanique Appliquée
Acad. Repub. Pop. Romane, Rumania

Da
1/

4
1

Distr: 4F1

Adp

PAVICEVIC, J.

Possibility of tractical use of atomic bombs. p. 59.

VOJNI GLASNIK. (Jugoslavenska narodna armija) Beograd, Jugoslavia
Vol. 9, no. 8, Aug. 1955

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959

Uncl.

PAVLAS, M.

A short story. p. 326.

ZELEZNICAR. (ministerstvo dopravy) Praha, Czechoslovakia
Vol. 2, no. 6, 1959.

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2
Feb. 1960.

Uncl.

PAVEL, MONICA

Pavel, Monica. Petites déformations des espaces fibrés.
Rev. Univ. "C. I. Parhon" Politehn. Bucuresci. Ser.
Ști. Nat. 2 (1953), no. 3, 34-36. (Romanian. Russian
and French summaries)

A metric space E is stable [Alexandroff and Hopf,
Topologie, Bd. I, Springer, Berlin 1935, p. 524] if, for
some $\epsilon > 0$, any deformation of E on itself with trajec-
tories of diameter less than ϵ has all of E as final image.
The author proves that if X is a stable compact metric
fibre space over B then B is also stable. J. M. Danskin.

1-FW

11

ell

Adp

PAVEL, M.

Theorems on extension in normated vectorial spaces. p. 1133.
COMUNICARILE. Bucuresti. Vol. 5, no. 8, Aug. 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 7, July 1956.

PAVEL, M.

Inversion of linear and continuous applications of vectorial topologic spaces. p. 1569. Academia Republicii Populare Romine. COMUNICATIILE. Bucuresti. Vol. 5, No. 11, Nov. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956.

PAVEL, MONICA

2
0
0
0

Pavel, Monica. Deux théorèmes sur les rétractes. Com.
Acad. R. P. Roumâne 2, 189-191 (1952). (Romanian.
Russian and French summaries)
If two absolute neighborhood retracts are quasi-homeomorphic, and one is an absolute retract, then so is the other one. If, for every position z , an absolute neighborhood retract has an absolute retract as an z -image, then it is also an absolute retract. If the intersection of a decreasing sequence of absolute retracts is an absolute neighborhood retract, it is an absolute retract.
R. H. Fox (Princeton, N.J.)

1 - F/R

+

[Handwritten signature]

Pavel, Monica.

"Doua Teoreme Asupra Retractorilor", by Monica Pavel.
(presented at the 21 December 1951 session of the
Institute of Mathematics given to S. Stoilov).
COMUNICATILE ACADEMIEI R. P. R., Tomul II, nr. 3-4,
1952.

Pavel, Monica.

"O Proprietate Locala A Spatiilor Fibratate", by Monica Pavel.
(presented at the 11 July 1952 session of the Institute of
Mathematics given to academician S. Stoilov). Academia
Republicii Populare Romine: COMUNICARILE ACADEMIEI, Tomul II,
nr. 9-10, 1952.

Pavel, Monica.

"Clasele De homotopie Ale Transformarilor Egal Continue", by
Monica Pavel. (presented at the 5 December 1952 session at
the Institute of Mathematics given to academician S. Stoilov).
Academia Republicii Populare romine: COMUNICARILE ACADEMIEI,
Tomul III, nr. 3-4, 1953.

PAVEL, MONICA

2/9

✓ Pavel, Monica. Théorèmes d'extension dans les espaces 1 - F/W
vectoriels normés. Com. Acad. R. P. Roum 5 (1955),
1137-1138. (Romanian. Russian and French sum-
maries)
Some elementary remarks, introducing the notions of
linear retract and solid linear space. (The first half of
the proof of Theorem 1 seems to be incorrect, but becomes
trivial upon taking $F^2 = E_1$ and the identity map on E_1 .)
V. L. Klee (Los Angeles, Calif.)

ROO
#512

PAVEL, N., prof. (Brasov)

Excursion and hikes in the Brasov region. Natura Geografie 15
no.3:62-67 My-Je '63.

DUMA, D.; KYMPIYANU, Ye. [Cimpeanu, E.]; POPOVICH, L. [Popovici, L.];
PAVEL, O. [Pavel, O.]; OPINKARU, A. [Opincaru, A.]; GREKU, P. [Greco, P.]

Heparin treatment in acute disorder of cerebral blood circulation
caused by thromboembolism. Nauch. trudy Inst. nevr. AMN SSSR
no.1:345-350 '60. (MIRA 15:7)

1. Klinika nervnykh bolezney Mediko-farmatsevticheskogo institut,
Kluzh.

(HEPARIN) (CEREBROVASCULAR DISEASE)
(EMBOLISM)

PAVL, O.

"The Vienna Prater in 1957."

p. 6 (Ceskoslovensky Vojak) Vol. 6, no. 25, Dec. 1957
Prague, Czechoslovakia

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

PAVEL, O.

"Youth is their coat of arms."

p. 28 (Ceskoslovensky Vojak) Vol. 6, no. 26, Dec. 1957
Prague, Czechoslovakia

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

PAVEL, O.

The decorations of Ota Cvrcek.

P. 28 (Ceskoslovensky Vojak) Vol. 6, No. 19, Sept. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (REMI) LC. - VOL. 7, NO. 1, JAN. 1958

PAVEL, Otto; KALOUSOVA, Vilma [Kalousova, Vilma]

Bacteriological findings in slaughtered swine irradiated with
lethal doses of ionizing radiations. *Cesk. otolaryng.* 12 no.6:
181-182 D'63.

1. Veterinarny issledovatel'skiy institut, Praga.

*

PAVSI, Parabolica

On a formula of quadrature. Studi Univ B-B. Vol. 17
no. 1:59-71 '65.

PAVEL PRIVU, M.

On some linear spaces. p. 27.

ANALELE SERIA STINTELOR NATURII. Bucuresti, Rumania. Vol. 7, no. 20, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 9, Sept. 1959.
Uncl.

PAVEL, St.

Investigations on a new pineal hormone with peptide structure.
Stud. cercet. endocr. 14 no.4/5/6:665-668 '63.

x

USSR/Diseases of Farm Animals - General Problems.

R-1

Abs Jour : Ref Zhur - Biol., No 4, 1958, 16902

Author : Pavel, U.

Inst : Estonian Agricultural Academy.

Title : The Study of the Antifermentative Effect of Certain Antizymotics Used in Veterinary Medicine.

Orig Pub : Eesti põllurajanduse Akad. teaduslike toode kogunik, Sb. nauchn. tr. Est. s.-kh. akad., 1956, 2, 219-224.

Abstract : The action of the following preparations was studied in vitro: diluted hydrochloric acid, vinegar, lactic acid, formalin, creolin, thymol, lysol, resorcin, ichthyol, beta-naphthol, methylene blue, furacillin, ethazol, and phenylmercury-nitrate. The therapeutic doses of these preparations were mixed with distilled water up to a volume of 1,000 ml., and the resulting solution was added to the gastric content under study, in the proportion 1:5 and

Card 1/2

REVISTA MEDICA Sec 6 Vol 13/8 Internal Med. Sup 50

4286. THE VALUE AND CLINICAL SIGNIFICANCE OF VARIATIONS IN THE NUMBER OF CIRCULATING EOSINOPHILS IN CARDIAC PATIENTS - Valoarea și semnificația clinică a variațiilor numărului eozinofilelor circulante la cardiaci - Pavel V., Czernik I. and Todan N. Lucrare Efectuată în Clin. a II-a Med. I. M. F., Timișoara --MED. INTERNA (București) 1958, 10/3 (367-370)

In 52 compensated and decompensated cardiac patients, and in a control group, a study was made of the number of circulating eosinophils. At the same time, certain circulatory and respiratory function tests were carried out. A certain parallelism was found between the degree of eosinopenia and the gravity of the decompensation. An increase in the eosinophil count in a heart patient points to a recovery from heart failure.

Nicolaescu - Bucharest (XVIII, 6)

EXCERPTA MEDICA Sec 6 Vol 13/2 Internal Med. Feb 59

701. EFFECTS OF OXYGEN AND NITROGLYCERIN ON POST-INSULINIC ECG CHANGES - Cercetări cu privire la acțiunea oxigenului și a nitroglicerinei asupra modificărilor electrocardiografice post-insulinice - Pavel V., Chiriac P. and Fălcoianu A. Clin. a II-a Med. I. M. F., Timișoara - MED. INTERN. (București) 1957, 9/11 (1683-1693) Graphs 1 Tables 1

In a large number of subjects, a study was made of the effects of 20 U. insulin s.c. on the ECG. Such pathological signs as were already present became more pronounced, and certain latent modifications became manifest. Administration of glycerol trinitrate simultaneously with the insulin to those patients in whom the latter substance had caused ECG alterations did not inhibit the unfavourable effects of insulin, but oxygen inhalation caused their attenuation. Insulin may be used for the detection of latent forms of myocardial affection. Nicolaeenco - Bucharest

PAVEL, V.; CHIRITA, P.; FALCOIANU, A.

Studies of the effect of oxygen and nitroglycerin on post-insulin
ECG changes. Med. int., Bucur. 9 no.11:1683-1693 Nov 57.

1. Incrare facuta in Clinica a II-a medicala I.M.F., Timisoara.
(ELECTROCARDIOGRAPHY, eff. of drugs on
insulin, alone & with oxygen & nitroglycerin)
(INSULIN, effects
on ECG, alone & with oxygen & nitroglycerin)
(OXYGEN, effects
on ECG after insulin admin.)
(NITRITES, effects
nitroglycerin, on ECG after insulin admin.)

PAVEL, V. Dr.; CZERNIK, I., Dr.; TODAN, N. Dr.

Value and clinical significance of variations in the circulating eosinophil count in cardiac patients. Med. int., Bucur. 10 no.3: 367-370 Mar 58.

1. Lucrare efectuata in Clinica, a II-a medicala I.M.F., Timisoana, (Director prof. Paunescu-Podeanu).

(HEART DISEASE, blood in eosinophil count, value & clin. significance of variations)

(EOSINOPHIL COUNT, in various dis. heart dis., value & clin. significance of variations)

PAVEL, V., Dr.; BIKSZ-WEISS, A., dr.; CHIRITA, P., dr.; DINU, I., dr.;
CZERNIK, I., dr.

Study of the effect of mercurial diuretics on cardiac
decompensation. Med. int., Bucur. 4 no.8:1220 1225 Dec 56.

1. Lucrare efectuata la Clinica a II-a medicala (Dir.: prof.
A. Paunescu-Podeanu) I.M.F. - Timisoara.

(CONGESTIVE HEART FAILURE, therapy
mercurial diuretics, mechanism of action, side-effects
& resist.)

(DIURETICS, MERCURIAL, ther. use
congestive heart failure, mechanism of action, side-
effects & resist.)

1971, ...

1971, ... "The situation of the economy ...
and ... in view of the ...
effect of certain ...
local ...
than ...
partly, ...
this ...

SO: ...

KREJCI, Milos; HUBAN, Josef; KWANKL, Frantisek. PAVLA, Vera

Polyesterification of polyethylene terephthalate. It. . .
prum 14 no.7:372-372 11 1964.

1. Sion National Enterprise, Research and Development Laboratory
Piana nad Lučnou.

KUDRNA, Miloslav; PAVELCOVA, Vera

Preparation of dimethyl terephthalate by reesterification
of β, β' -bis-hydroxyethyl terephthalate by methanol. Chem
prum 14 no. 1:12-16 Ja '64.

1. Silon, n.p. Plana nad Luznici.

ROSCA, Al.; PAVELCU, V.

Fifteenth International Congress on Applied Psychology; Ijoutijans.
Rev psihologie 10 no.4:353-358 '64.

PAVELE, M.; SKOLIS, J.; RUNCE, R., red.; SILINS, V., tekhn. red.

Riga. Riga, Latvijas Valsts izdevnieciba, 1961. 15 p.
— [Text in three languages] 35 p. (MIRA 15:2)
(Riga--Views)

PAVLEK, I. (aka.)

~~_____~~
second international conference on the role of the state in international trade
1970-1971-1972 (1971) (1971)
system of international trade, of realistic-- exhibition

PAVLAK, R.

A safety needle for cerebrospinal fluid examination. *Leak. Res. J.*
18 no.1:56-58 Ja '65

RUMANIA/Human and Animal Physiology - Blood, Blood Coagulation. 7-3

Abs Jour : Ref Zhur - Biol., No 18, 1958, 34077

Author : Tudoran, Gh., Pavelescu, C., Niculescu, M., Herescu, I.,
Marculescu, Gr.

Inst : -

Title : New Discoveries in the Field of Study of Factors Accelerating Blood Coagulation.

Orig Pub : Med. Intern., 1956, 8, No 2, 189-192.

Abstract : No abstract.

Card 1/1

PAVELESCU, D.; PANTELICAN, CH.

Magnetic-tape recording of some mechanical magnitudes with slow variations.
p. 1973

Academia Republicii Populare Romine. Institutul de Mecanica Aplicata.
STUDII SI CERCETARI DE MECANICA APLICATA. Bucuresti, Romania. Vol. 8, no. 4,
1957.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

R/008/60/000/001/007/009
A125/A026

AUTHOR:

Pavelescu, D.

TITLE:

Efficiency of Radioactive and Semiconductor Measuring Methods
in Function of Transducers and the Field of Investigation

PERIODICAL:

Studii și Cercetări de Mecanică Aplicată, 1960, Nr. 1, pp. 283-290

TEXT:

isotope
gations.

The author presents various possibilities of using radioactive isotopes and semiconductors for measurements in different fields of investigation. The use of radioactive isotopes for this purpose has been improved considerably in 1955-1958, between the two Conferences for the Peaceful Application of Nuclear Power in Geneva. A great number of electric transducers are known in the transducer element. The most important factor of such a measurement is the electronic measurements. Photoelectric cells with gas ionizing chambers and Geiger-Müller counters are also transducers. The author analyses the results obtained by the use of transducers in case of radioactive measurements and compares them with the efficiency of transducers with semiconductors. Radioactive methods are depending on the density and homogeneity of the measured media. The known transducers have been improved by the introduction of

APPROVED FOR RELEASE: 06/15/2000

Card 1/3

R/008/60/000/001/007/000
A:25/A026

Efficiency of Radioactive and Semiconductor Measuring Methods in Function of Transducers and the Field of Investigation

scintillation counters. The author briefly mentions fields where radioactive methods can be employed, i.e., thin layers, friction and wear, mechanism of structures, geophysics, metallurgy and chemistry, etc. Some difficulties arise in the field of liquids, the flow of gases, distribution of speeds and pressures, etc. The Institute of Automation and Telemechanics of the Soviet Academy of Sciences conducted research on the establishment of a method regarding the termination of the delivery and speed of flow of a gas in a pipe. Based on the ionization of the gas by local external irradiation with active β sources, the All-Union Scientific Research Institute for Design of Thermal Power Devices produced a laboratory apparatus for the gas consumption. Semiconductors are more efficient in the field of fluid mechanics. Their use depends on the character of the parameters to be measured, on the conditions of the respective agent, and on the characteristics of the elements with semiconducting properties. Mentioned are: a) Resistive semiconducting transducers used for measuring motion, b) Thermostable semiconducting transducers for thermal measurements (bolometers and micro-electric thermometers); c) Photosensitive semiconducting transducers

Card 2/3

R/008/60/000/001/007/009
A125/A026

Efficiency of Radioactive and Semiconductor Measuring Methods in Function of
Transducers and the Field of Investigation

which are sensitive to infrared, X, γ and ultraviolet radiations. They can be used especially in automation. The USSR developed a series of photoelectric cells with a sensitiveness of up to 8,000 μ amp. Radioactive methods are more efficient in the determination of the thickness of metals, wear, etc. Semiconductors are more efficient in gaseous agents, automation of industrial processes, etc. Thus, none of these two methods is efficient in every field. There are 11 references: 8 Rumanian, 2 Soviet and 1 French.

SUBMITTED: September 15, 1959

Card 3/3

PAVELSCU, D.

Radioactive methods for the study of wear and lubrication. p.252

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industrii Metelurgice si Constructiilor de Masini si Asoc atia Stiintifica a Inginerilor si Technicienilor din Romania) Bucuresti, Rumania
Vol.11, no.10 Oct.1959

Monthly list of East European Accessions (EPAI) LC, Vol.9, no.2, Feb.1960

Uncl.

PAVELESCU, D.; Olaru, D.

Determination of some parameters of auxiliary rockets. p. 23.
(STUDII SI CERCETARI DE MECANICA APLICATA. Vol. 8, no. 1, Jan/Mar. 1957,
Bucuresti, Rumania)

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

9.7910

26095

R/008/60/000/006/007/008
A231/A126 X

AUTHORS: Cleja, V.; Pavelescu, D.

TITLE: On the errors in the magnetic tape recordings of parameters with slow variation

PERIODICAL: Studii și cercetări de mecanică aplicată, no. 6, 1960, 1.587 --1.597

TEXT: The article presents a series of theoretical consideration on the errors of the magnetic tape recording of slow variation (0 - 10 cps), as well as on the eliminating and compensating methods. The authors have established the following errors of the magnetic tape recordings: 1) The output voltage of the sound head is: $e = K \frac{dB}{dt}$ (1), or in case of stationary oscillations: $e = K\omega B$, (2) where B is the remanence induction of the magnetic carrier, ω the pulsation of the recorded oscillation, and K the proportionally coefficient of the magnetic head. 2) At present it is not possible to produce magnetic tapes with an absolute uniform sensitivity of the magnetic layer. 3) Since the frequency of the reproduced signal is proportional to the moving velocity of the magnetic carrier, the level of the reproduced signal is also proportional to the moving velocity. 4) Due to mechanical forces, there are mechanical distortions of the magnetic

Card 1/3

26095

R/008/60/000/000/007/008

On the errors in the magnetic tape recordings of...

A231/A126

tape. 5) Due to various causes, e.g., the non-uniformity of the tape thickness, there appears a variation of the distance between the magnetic carrier and the slot of the magnetic head, leading to a reduction of the reproduced signal level: $A \approx 54.6 \frac{d}{\lambda}$ (3), where A is the level reduction in db, d the distance between carrier and slot, and λ the wave length of the recorded oscillation. 6) The disturbing signals generated by the above-mentioned errors are modifying the useful signal by being multiplied with it and not by being added to it. - Methods of eliminating the errors: 1) The differentiating effects are compensated by selecting the frequency characteristics of the recording. 2) In case a signal which has a spectrum ranging between $F_1 - F_2$ is recorded at a tape velocity V , and is reproduced with a $V' = n \cdot V$ velocity, the spectrum of the reproduced signal will range between $n \cdot F_1$ and $n \cdot F_2$. This method can be used only in special cases. 3) The frequency spectrum can be transformed and simultaneously moved on the frequency scale by using a modulation system, by which a reproduction of variations becomes possible. The authors continue by explaining the methods for modulations: amplitude modulations; amplitude modulation without carriers; frequency and phase modulation; code impulse modulation. The error compensation can be accomplished in three ways: 1) Superposition in counterphase of the correcting signal with the signal coming from the useful channel. 2) Another method consists in driving

Card 2/3

26095

R/018/60/000/006/007/008
A231/A125

X

On the errors in the magnetic tape recording system

the parameters of an amplifier by the compensating signal in such a way that the amplification coefficient should drop if the signal level increases and vice versa. 3) A third method consists in referring the distorted signal to the correcting signal. This method can be accomplished by relatively simple means. Considerations: 1. The common modulation methods amplify the disturbance of the magnetic recording of slow variation parameters. 2. The amplitude modulation without carrier does not amplify these disturbances, but requires an additional channel. The code impulse modulation seems to be the only adequate method. The common methods can be applied by using an additional channel in order to compensate the errors. There are 5 figures and 6 references: 5 Soviet ones and 1 non-Soviet one. The reference to the English language publication reads as follows: H.D. Scott: A multiple channel F.M. recording system. Electronic Engineering, June (1959).

ASSOCIATION: Institutul de cercetari electrotehnice (Electrotechnical Research Institute), Bucharest.

SUBMITTED: July 14, 1960

Card 3/3

PAVELESCU, D.

Study of the wear of cutting tools, irradiated, in order to determine the best parameters for metal cutting. p. 265.
(STUDII SI CERCETARI DE MECANICA APLICATA. Vol. 8, no. 1, Jan/Mar. 1957, Bucuresti, Rumania)

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

PAVELESCU, D.; ILIUC, I.; BARBUI, S.; PROCFVICE, E.; NASTASE, M.;
~~CONSTANTINESCU, V.~~

A method of studying wear of bearings with radionuclides.
Studii cerc mecat 11 no.6:1397-1410 '60.

CLEJA, V.; PAVELESCU, D.

Errors in the magnetic recording of parameters with slow variations. Studii cerc mec apl 11 no.6:1587-1597 '60.

1. Institutul de cercetari electrotehnice (Bucuresti) (for Cleja)

PAVELESCU, D.; ILIUC, I.

Some methods of measuring thickness of the lubricant film in journal bearings. Studii cerc mec apl 12 no. 5:1117-1131 '61.

PAVELESCU, D.; ILIUC, I.

On the evolution of wear and temperature of some radioactive
bronze-steel friction pairs. Rev mec appl 8 no.3:433-439 '63.

PAVELESCU, D.; ILIUC, I.

Methods for measuring the thickness of the oil layer.
Metalurgia constr mas 14 no.6:553-559 Je '62.

1. Institutul de mecanica aplicata Traian Vuia al Academiei
R.P.R.

PAVELESCU, D.

"Vocabulary of mechanics in five languages." Reviewed by D. Pavelescu. Studii cerc mec apl 13 no.5:1342-1343 '62.

PAVELESCU, Dan; ILIUC, Ivan

Aspects of the evolution of wear and temperature of some radioactive
bronze-steel couples. Studii cerc mec apl 14 no.1:95-101 '63.

PAVELESCU, D.; ILIUC, I.; BARBUL, S.

A radioactive method for the evaluation of lubricating qualities
in compound oils by using the wear of surfaces. II. Studii cerc
mec apl 13 no.1:193-203 '62.

PAVELESCU, Dan

On the measurement errors and their magnitude in the case of
the examination of wear with radioactive isotopes. Rev
mec appl 8 no. 4: 655-673 '63.

NEUMANN, Retta, dr.; ANGELESCU, C., dr.; PAVELESCU, Elena, chimist

The use of coagulation tests in the investigation of liver function.
Med. intern. 15 no.2:163-172 F '63.

1. Lucrare efectuata in Spitalul de Stat nr. 12, Bucuresti.
(LIVER FUNCTION TESTS) (BLOOD COAGULATION TESTS)
(FACTOR V) (FACTOR VII) (PROTHROMBIN TIME)

PAVELESCU, I.

AGRICULTURE

Periodicals: REVISTA ROMANA. Vol. 23, no. 11, Nov. 1955

PAVELESCU, I. Possibilities of using windlass-mounted tractors for gathering beech logs. p. 1-5

Monthly List of East European Agriculture. WEA 10, Vol. 1, No. 1,
February 1955, Unclass.

PAVELESCU, I.

achievements and aspects of industrial operation of forests. p. 40.
(REVISTA PADURILOR. ROMANIA. Vol 71 (i. e. 72), no. 1, Jan. 1957.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

PAVELESCU, I.

Some data on losses of foliage-tree wood arranged in steres.

p. 582 (Revista Padurilor) Vol. 71, no. 9, Sept. 1957, Bucuresti, Rumania

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

RUMANIA / Chemical Technology. Chemical Products and H-24
Their Application. Chemical Wood Products.
Industrial Hydrolysis.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 2604.

Author : Pavelescu, I. M., Marisov, N.

Inst : --

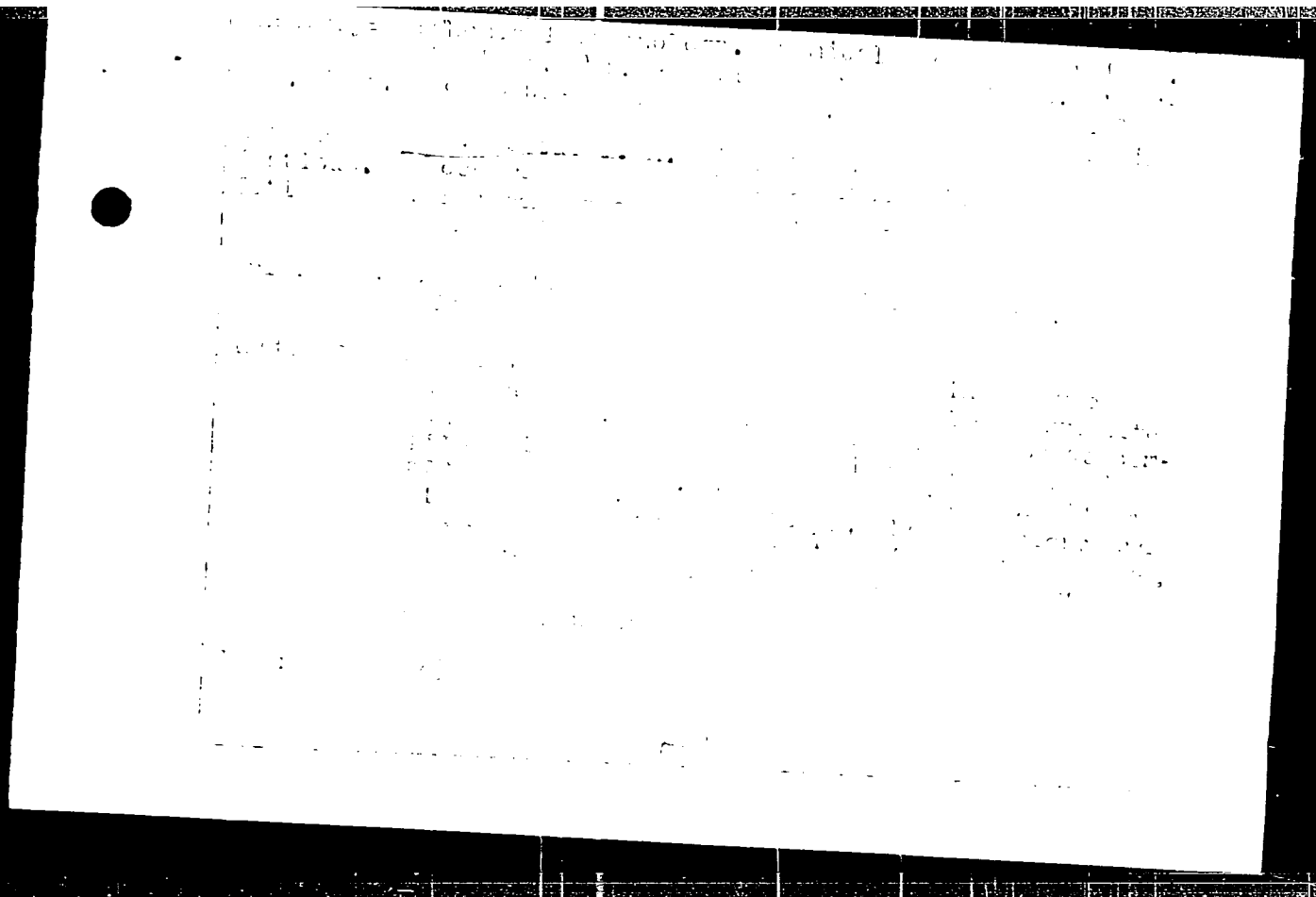
Title : The Testing of Various Methods Used in Tapping
Spruce.

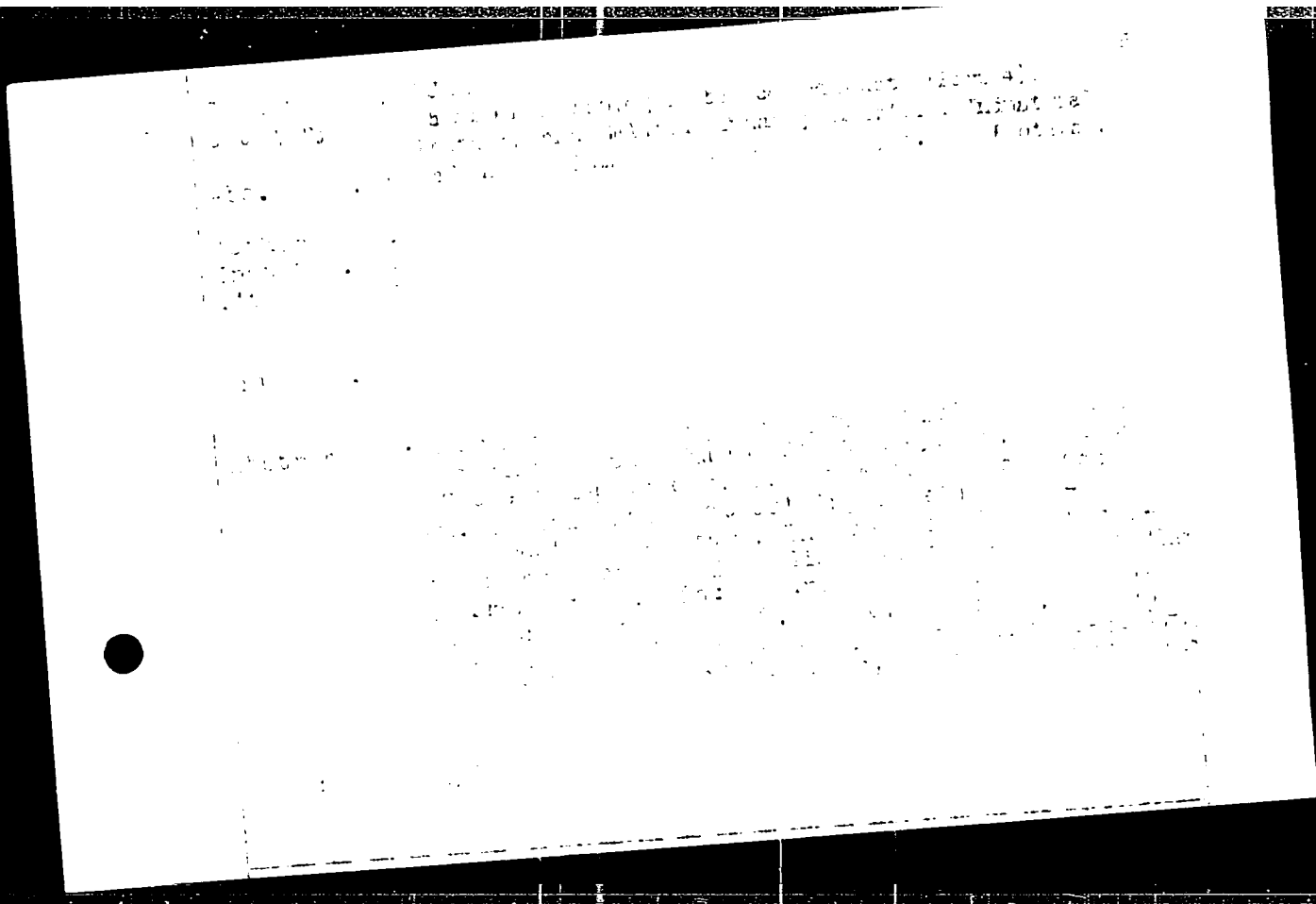
Orig Pub: AN Inst. cercetari si experim. ind. leam. si
hirt., 1953, No 13, 171-194.

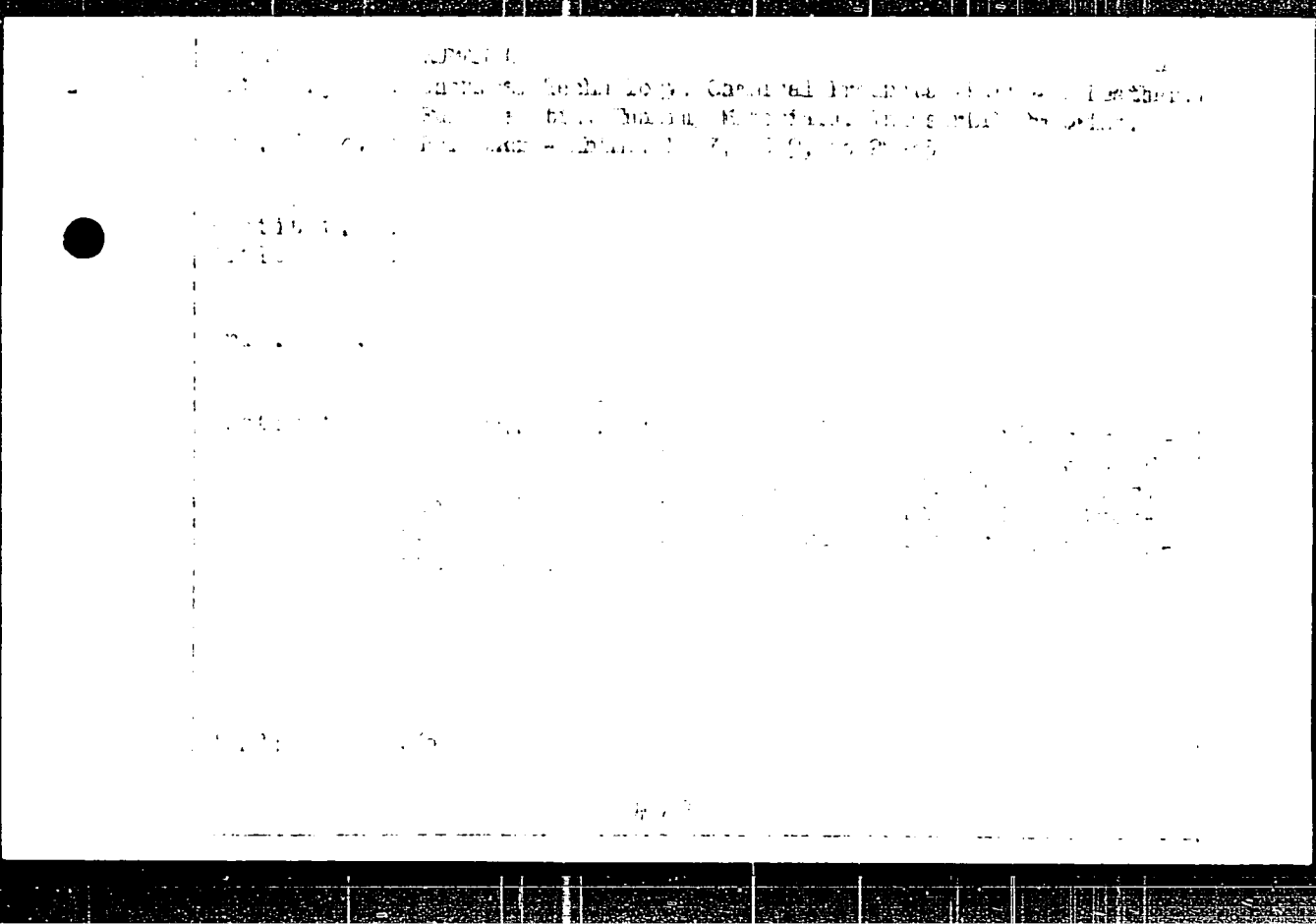
Abstract: A comparison testing during the course of one
season on various methods for tapping spruce plan-
ting demonstrated that the method of strips in a
zigzag is more effective as compared with tapping
by means of lengthwise strips, simple zigzag and
"fishbone" cuts.

Card 1/1

68







Country: USSR
 Date: 1971
 Author: [illegible]
 Institution: [illegible]
 Title: [illegible]
 Summary: [illegible]
 Abstract: [illegible]
 Notes: [illegible]

PAVELESCU, I.M., dr. ing.; VACARCIUC, T., ing.; GHINEA, I.; DUMITRESCU, Marilena, ing.

Influence of the main defects of beechwood on the conversion to technical veneers. Ind lemnului 15 no.6/7:205-209 Jo-J1 '64.

1. Forest Research Institute, Blaj Branch (for Vacarciuc, Ghinea).
2. Forest Research Institute, Tg. Jiu Branch (for Dumitrescu).

PAVELESCU L.

RUMANIA / Physical Chemistry. Thermodynamics. Thermo-chemistry. Equilibria. Phase Transitions. Physico-Chemical Analysis. B

Abs Jour: Ref Zhur-Khimiya, No 20, 1959, 76734.

Author : Pavelescu, L.; Dimitrescu, R.

Inst : Academy of Geology RPR.

Title : Mineralogical Investigation of Metallurgical Slags in the Industrial Plant of Calan.

Orig Pub: Studii si cercetari geol. Acad. RPR, 1958, 3, No 121, 207-214.

Abstract: In the mineralogical research of some specimens of old blast-furnace slags, the following mineralogical parageneses were identified: melilitite slags (melilitite, melilitite plus pseudowollastonite, melilitite plus forsterite), diopside slags (diopside plus melilitite, diopside plus wollastonite), rankinite slags (rankinite), wollastonite slags (iron-containing wollastonite,

Card 1/2

RUMANIA / Physical Chemistry. Thermodynamics. Thermo-
chemistry. Equilibria. Phase Transitions. B
Physico-Chemical Analysis.

Abs Jour: Ref Zhur-Khimiya, No 20, 1959, 70734.

Abstract: manganese-containing wollastonite, manganese-
containing wollastonite plus diopside) and
spurrite slags (spurrite plus wollastonite .
The investigated parageneses are included in
the system $\text{SiO}_2 - \text{CaO} - \text{MgO}$. -- From the auth-
ors' summary.

Card 2/2

MANOLIU, N., dr.; ANGELESCU, C., dr.; DANCU, I., dr.; SALZBERG, N., dr.;
MUSTATA, N., dr.; Cu colaborarea tehnica a Laboratorului de
biochimie chim. KROMALNIC, B.; PAVLESCU, I.; SCHEIN, E.

The study of sideremia, serum transaminase activity and BSP
tests in the positive and differential diagnosis of epidemic
hepatitis. Med. intern. (Bucur.) 16 no.12:1511-1521 D '64

1. Lucrare efectuata in Spitalul de Stat nr. 12, Bucuresti.

RUMANIA/Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour: Ref Zhur-Khin., No 24, 1958, 81042.

Author : Paveslescu L.

Inst :

Title : Geology of Southern Carpathians.

Orig Pub: An. Rom.-Sov. Ser. geol.-geogr., 1958, 12, No 2,
5-25.

Abstract: No abstract.

Card : 1/1

PAVELESCU, L.; PAVELESCU, M.

Geologic and petrographic studies in the Closani-Oslea
Mountain region. Dari seama sed 48'153-175 '60/61
[publ. '62].

Geologic and petrographic research in the Tismana-
Bistrita Valley region. 177-196

Pavelescu, L.; Dimitrescu, R.

A contribution to the mineralogical study of metallurgic slag in
Calan. p. 207.

STUDII SI CERCETARI DE GEOLOGIE. Bucuresti, Romania. Vol. 3, No. 3/4, 1957.

Monthly List of East European Accessions (SERIALS) LC, Vol. 9, No. 1, Jan. 1968.

Uncl.

PAVELESCU, L.; MAIER, O.; KRAUTNER, H.; MURESAN, M.; KRAUTNER, Fl.

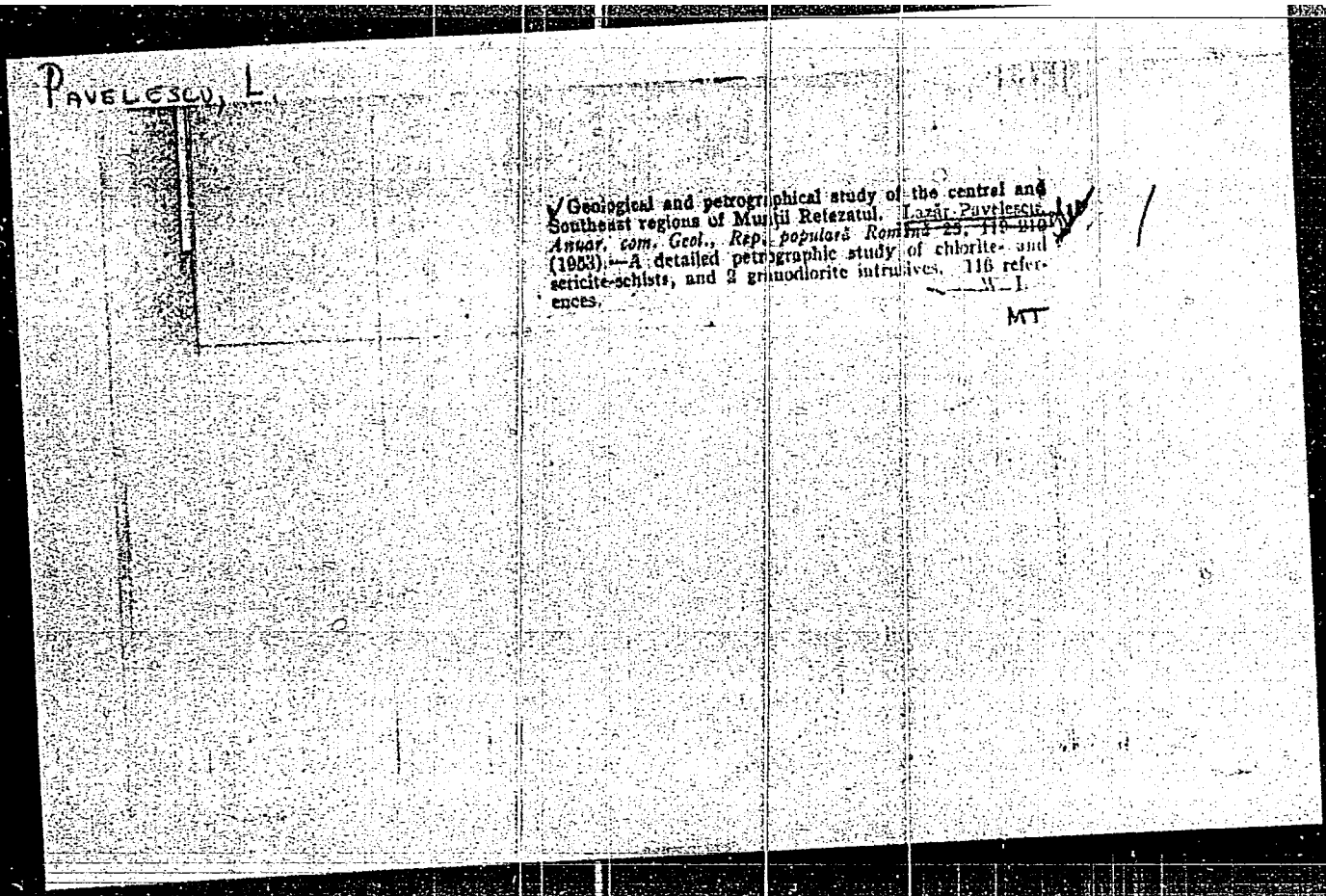
Structure and stratigraphy of the crystalline schists in the
Ruschita region (Poiana Rusca). Anuarul Comit geol 34 pt. 1:
115-147 '64.

1. Submitted January 1964.

PAVELSCU, I. ; HUSSE, D.

Contributions to the study of the granite masses of Bucovina. . . .
(COMMUNICATIE. Romania. Vol. 6, no. 1, Mar. 1959)

SC: Monthly List of East European references (TUL) 10, Vol. 6, no. 1, July 1959. Uncl.



PAVELESCU, L.; PAVELESCU, M.

Geologic and petrographic studies in the Closani-Oslea
Mountain region. Dari seama sed 48'153-175 '60/61
[publ. '62].

Geologic and petrographic research in the Tismana-
Bistrita Valley region. 177-196

LEONESCU, M.; PAVELESCU, M.; in colaborare cu GRUIA, Mignon;
BRANESCU, Lucia; COPELSCU, Yolanda

The role of ECHO virus 19 in the etiology of several epidemic
outbreaks of an acute respiratory nature. Stud. cercet. infra-
microbiol. 16 no.3:221-226 1975.

PAVELESCU, M.

Nuclear reactors with organic fluids. St si Teh Buc 15 no.5:11
My '63

1. Institute of Atomic Physics, Comuna Magurele.

PAVELESCU, M.

Method of solving the neutron transport equation in the
fram of the Sn approximation. Studii cerc fiz 16 no. 6:
625.633 '64.

1. Institute of Nuclear Physics, P.O.Box 35, Bucharest.

PAVELESCU, T., ing.

Mechanized band for continuous execution of technical overhauling of motor vehicles. Rev transport 9 no.9:370-373 S '62.