

POL.

Fertilizing value of nitrophosphate, granulated precipitated phosphate, and granulated "thermo-phosphate". J. Boratyński, E. Malysowa, and Z. Turyna (Roczn. Nauk Roln. 1953, 67, A, [3]).
Uptake of plant material and uptake of P by the plant

maize Nitrophosphate was used better in powder than in granular form.

A. H. CORNELL

• fertilizing value of nitrophosphate, granulated precipitated phosphato, and granulated superthomaslao. K. Horatyński, B. Malysowa, and Z. Turyna (Wyższa Szkoła Rolnicza, Wrocław, Poland). *Rośliny Nauk Rolniczych* 67A, No. 3, 41-70 (1953).—Pot tests were carried out on a neutral sand base, i.e., slightly acid mixt. of neutral sand with an addn. of various quantities of acid soils, in which the fertilizing value of nitrophosphate (I) was compared with superphosphate (II). In addn., pot tests were conducted to det. the fertilizing value of granulated phosphorus fertilizers, and nitrophosphate as compared to the same fertilizers but in a nongranulated or powder form. The yields of grain and straw of oats, barley and flax in the sand cultures, and the yields of grain and straw of oats, flax, and corn harvested as green crop in the soil-sand pots were higher with II than with I. The yields of P in the harvested plants constituted in the case of I about $\frac{1}{4}$ to $\frac{1}{5}$ of the yield of P obtained from plants on II. Powd. I gave in sandy-soil markedly higher yields of grain and straw of oats, flax, mustard seed, millet, and corn when harvested as green crop, than granulated I. Granulated II on sandy soil gave only slightly lower yields of mustard seed, flax seed, lupine, and peas than nongranulated II. In expts. with granulated patd. phosphate, and granulated superthomaslao (Polish P fertilizer of the type of thermophosphate) considerably lower yields were obtained than in the case of the same nongranulated fertilizers.

Richard Sturich

2

Turyna Z.

✓ Manurial value of serpentine and magnesium thermophosphates as compared with superphosphate in pot tests. K. Boratyński, S. Roszykova and Z. Turyna (*Roczn. Nauk.* 1955, 70, A, 583—607).—The solubility in 2% citric acid of F in the thermophosphates is directly related to the fineness of grinding of the materials. Pot tests in sand and in soil confirm the relative availability of these fertilisers. A. G. POLLARD.

(2)

TORNA, LB

TURYNA, Zb.

POL.

The fertilizing value of ammonium and urea. K. Bortalski, E. Malysowa, and Zb. Turyna. *Roczniki Nauk Rolniczych Ser. A* 69, No. 1, 33-50 (1974). Ammonia was found to be a good source of N for mustard seeds in alluvial sandy clay rich in plant nutrients. Yields of straw and seed were equal to those obtained on NH_4NO_3 . Time of application (10 days before sowing and 7 days after seedling emergence) had no influence. The effect of NH_3 in parallel sand culture studies was markedly smaller. Yields were 10-30% lower than those obtained on NH_4NO_3 . The fertilizing value of NH_3 in sand cultures of oats was equiv. to NH_4NO_3 . Time of application was without effect. The utilization of N by oats was very great, and in the case of NH_3 even greater than that with NH_4NO_3 . Dividing the total dose of nitrogenous fertilizer in NH_3 solns. into 4 portions: (1) before sowing, (2) during tillering, (3) during initial development of stalks, (4) in the beginning of shooting forth, led to an increase in yield of oats as compared to the effect of the same dose given totally before sowing. Dividing the dose of N resulted in all cases in a distinct decrease of straw yields. The percentage N in the grain of oats proved to be distinctly higher when the total dose of all nitrogenous fertilizers was divided. When the N dosage was divided, its percentage in the straw and roots was distinctly lower in the case of NH_4NO_3 , slightly lower in the case of NH_3 solns., and higher in the case of urea. The N of urea and NH_3 was assimilated by young oat plants in greater quantities than that of NH_4NO_3 . This assimilation declined in later stages of plant development, and in ripe plants the amts. of N taken by the plants from NH_4NO_3 were greater than those taken from NH_3 and urea. Ernest G. Jaworski

BORATYNSKI, Kazimierz, dr.; TURYNA, Zbigniew, mgr., inz.

On the value of nitrogenous fertilizers. Results of vegetation experiments with nitrogenous fertilizers obtained from ammonia nitrate and waste parts resulting during the refinement of sulphur. Chemik 14 no. 10:378-380 0 '61.

1. Katedra Chemii Ogolnej, Wyzsza Szkola Rolnicza, Wroclaw.

TURYSHEV, A.V.

Study of the intensity of the development of karst using a
hydrochemical method. Trudy Inst.geol. UPAN SSSR no.62. ~~Geol.~~hidrogeol.
sbor. no.2:23-32 '62. (MIRA 1615)
(Karst) (Water, Underground--Analysis)

TURYSHV, A.V.

Underground drainage and discharge of karst-interstitial waters
in the northern part of the Ufa Plateau. Trudy Inst.geol. UFAN SSSR
no.62. Gidrogeol.sbor. no.2:131-141 '62. (MIRA 16'5)
(Ufa Plateau--Water, Underground) (Ufa Plateau--Karst)

LUKIN, V.S.; RYZHIKOV, D.V., kand. geol.-min. nauk; TURYSHEV,
A.V.; NORKIN, P.I., red.; SEREDKINA, N.F., tekhn.red.

[The Kungur ice cave]Kungurskaia ledianai peshchera.
Sverdlovsk, Akad. nauk SSSR. Ural'skii filial, 1961. 46 p.
(MIRA 15:8)

1. Nauchnyye sotrudniki Kungut'skogo statsionara Ural'skogo
filiala Akademii nauk SSSR (for Lukin, Ryzhikov, Turyshev).
(Kungur (Perm Province))—Caves

LUKIN, V.S.; RYZHIKOV, D.V., kand. geol.-miner. nauk, TURY SHEV,
A.V.; KOVALEV, V.F., doktor geol.-miner. nauk, otv. red.

[Kungur ice cave] Kungurskaia ledianaia peshchera.
Sverdlovsk, AN SSSR, Ural'skii filial, 1965. 44 p.
(MIRA 18:12)

TURYSHEV, A.V.

The Kungur Ice Cave. Okhr. prir. na Urale no.1:163-165 '60.

(MIRA 14:4)

(Kungur region--Ice caves)

TURYSHEV, A.V.; BURAKOV, A.D.

Karst sinkhole. Priroda 50 no.7:110 J1 '61.

(MIRA 14:6)

1. Ural'skiy filial AN SSSR, Kungur.

(Orda District—Karst)

TURYSHV, B.F., kand. tekhn. nauk

Use of short-circuit to ground protection in 3-10 kv. power
distribution networks in strip mines. Bezop. truda v prom.
8 no.9:12-15 S '64 (MIRA 18:1)

1. Sverdlovskiy gornyy institut.

TURYSHV, Boris Fedorovich, kand. tekhn. nauk, dots.; PETROV,
I.P., kand. tekhn. nauk, dots., red.

[Substations and networks on mine surfaces; lecture course
for students studying "Electrical engineering for mines"]
Podstantsii i seti na poverkhnosti rudnikov; kurs lekttsii
dlia studentov spetsial'nosti "Gornaiia elektromekhanika."
Sverdlovsk, Sverdlovskoe knizhnoe izd-vo. Pt.1. 1961. 130 p.
(MIRA 18:5)

DEMIN, A.M., kand. tekhn. nauk; KOKH, P.I.; CHERIKOV, V.K.; VASIL'YEV, M.V., kand. tekhn. nauk; YEFIMOV, I.P.; KMITOVENKO, A.T., dots.; PRISEDSKIY, G.V., inzh.; DUNAYEVSKIY, Yu.N.; VOLOTKOVSKIY, S.A., doktor tekhn. nauk; KUR'YAN, A.I., kand. tekhn. nauk; MAYMIN, A.I.; MIROSHNIK, A.M.; PETROV, I.F.; TURYSHV, B.F.; SHISHKOV, A.I.; AVERBUKH, I.D., inzh.; VARSHAVSKIY, A.V.; KRYUKOV, D.K.; LUKAS, V.A.; MINEYEV, V.A.; SMIRNOV, A.A., otv. red.; LYUBIMOV, N.G., red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Handbook for the mechanic in a coal pit] Spravochnik mekhanika ugol'nogo kar'era. Moskva, Gosgortekhnizdat, 1961. 639 p.

(MIRA 15:12)

(Coal mining machinery--Handbooks, manuals, etc.)

AVERBUKH, I.D., starshiy prepodavatel'; PETROV, Yu.S., dotsent; TURYSHEV,
B.F., dotsent; TALALAYENKO, V.A., inzh.

Protection form electrocution when the excavator bucket touches
the contact wire. Izv. vys. ucheb. zav.; gor. zhur. 6 no.6:130-
137 '63. (MIRA 16:8)

1. Sverdlovskiy gornyy institut imeni V.V. Vakhrusheva.
Rekomendovana kafedroy gornoy elektrotekhniki.
(Excavating machinery—Safety appliances)

TROP, A.Ye., prof.; TURYSHEV, B.F., dotsent

Estimating the electric drive power of a scraper conveyer.
Izv.vys.ucheb.zav.; gor.zhur. no.6:75-79 '59.

(MIRA 13:4)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva. Rekomendovana kafedroy obshchey elektrotekhniki.
(Conveying machinery--Electric driving)
(Mining machinery--Electric driving)

10.11.1958, 10.11

94-3-13/26

AUTHOR: Turyshev, B.F., Candidate of Technical Sciences

TITLE: Determination of the Electrical Loads of Mining Undertakings
(Opredeleniye elektricheskikh nagruzok gornykh predpriyatiy)

PERIODICAL: Promyshlennaya Energetika, 1958, Vol.13, No.3,
pp. 24 - 27 (USSR)

ABSTRACT: Existing methods of calculating the electrical loading of mining undertakings are usually empirical and inexact. The demand factor is a widely-used criterion, but is not sufficient for all practical requirements; it gives an idea of heating of equipment, but not of voltage drop or power loss. Use of the load factor is apt to give calculated loads that are too high. The most accurate method of load determination is that based on analysis of load curves. Graphs of electrical loading can be derived from operating cycles of machines only in relatively simple cases and the method is hardly applicable to more difficult cases.

A simple and well-founded method of constructing load curves is based on the theory of probability. Any load curve can be reduced graphically to the form shown in Fig.1 if its ordinates are arranged in diminishing or increasing order. This rearranged diagram faithfully reflects the properties of the load curve shown in Fig.1a, which can be characterised by a mean

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Determination of the Electrical Loads of Mining Undertakings

load and form-factor. In practice, it is not necessary to construct the loading diagrams graphically if the mean load and the form-factor are known. The conclusion of G.M.Kayalov that the form-factor of electric load curves is stable if the output of the installation is unchanged is also valid for mining works. Mean values of the form-factors of loading diagrams of mine and quarry sub-stations derived experimentally by the author are tabulated. The principles of construction of load diagrams are also applicable to the output graphs of mines and quarries.

Summation of the maximum loads of a large number of electrical appliances leads to over-estimation of total load; it is best to summate the mean loads as determined by Watt-hour and reactive power integrating meters. Very reliable values of mean loading can be obtained from standards of electric power consumption per unit output. Such figures have been worked out for almost all branches of the mining industry. Given these figures, the apparent mean power for a shop or complete undertaking is easily determined by a formula, which is stated. A further formula is given for power-factor determination.

The effective current over a long period cannot be used to
Card2/3 calculate the cross-section of conductors (when this is based

94-3-13/26

Determination of the Electrical Loads of Mining Undertakings

on heating) or the size of transformers. This is because these components may heat up in a comparatively short time. The law of probable distribution can be used to determine the peak load given the mean load and the form-factor of the loading curve. A formula is quoted for current determination and the same can be done for kVA. The calculations are made for a time of thirty minutes peak load. If the peak load is of some other duration, the calculations may be based on the curves given in Fig.2.

There are 2 figures, 1 table and 5 Russian references.

ASSOCIATION: Sverdlovsk Mining Institute (Sverdlovskiy gornyy institut)

AVAILABLE: Library of Congress

Card 3/3

TURYSHV, B.F., kand. tekhn. nauk.

Selecting feeding transformers for principal mine substations.
Izv. vys. ucheb. zav.; gor. zhur. no.1:129-137 '58. (MIRA 11:5)

1. Sverdlovskiy gornyy institut.
(Electricity in mining)

DEMIN, A.M., kand. tekhn. nauk; CHERTKOV, V.K.; VASIL'YEV, M.V.,
kand. tekhn. nauk; YEFIMOV, I.P.; KOKH, P.I.; KMITOVENKO, A.T.,
dots.; PRISEDSKIY, G.V., inzh.; DUNAYEVSKIY, Yu.N.; VOLOTKOVSKIY,
S.A., prof., doktor tekhn. nauk; KUR'YAN, A.I., kand. tekhn.
nauk; MAYMIN, S.R., kand. tekhn. nauk; MIROSHNIK, A.M., kand.
tekhn. nauk; PETROV, I.P., kand. tekhn. nauk; TURYSHV, B.F.,
kand. tekhn.nauk; SHISHKOV, A.I., kand. tekhn. nauk;
AVERBUKH, I.D., inzh.; VARSHAVSKIY, A.V.; KRYUKOV, D.K.; LUKAS,
V.A.; MINEYEV, V.A.; SMIRNOV, A.A., otv. red.; LYUBIMOV, N.G.,
red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Handbook for the operator and mechanic of open-pit mine equip-
ment] Spravochnik mekhanika ugol'nogo kar'era. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 639 p.
(MIRA 15:3)

(Strip mining--Equipment and supplies)
(Coal mining machinery) (Electricity in mining)

TURYSHV, B.F.

TURYSHV, B.F.: "Investigation and methods of calculating electric-power consumption in open-pit mine installations". Sverdlovsk, 1955. Min Higher Education USSR. Sverdlovsk Mining Inst imeni V.V. Vakhrushev. (Dissertations for the Degree of Candidate of Technical Sciences).

SO: Knizhnaya letopis' No 45, 5 November 1955. Moscow.

TURYSHEV, B.F., dotsent

Calculating the short-circuit currents in mine systems of less than 1000 volts. Izv. vys. ucheb. zav.; gor. zhur. no. 4:128-137 '60. (MIRA 14:4)

1. Sverdlovskiy gornyy institut imeni V.V. Yakhrusheva.
Rekomendovana kafedroy gornoy elektrotekhniki.
(Electricity in mining)

DEMIN, A.M., kand. tekhn. nauk; CHERTKOV, V.K.; VASIL'YEV, M.V.,
kand. tekhn. nauk; YEFIMOV, I.P.; KOKH, P.I.; KMITOVENKO, A.T.,
dots.; PRISEDESKIY, G.V., inzh.; DUNAYEVSKIY, Yu.N.; VOLOTKOVSKIY,
S.A., prof., doktor tekhn. nauk; KUR'YAN, A.I., kand. tekhn.
nauk; MAYMIN, S.R., kand. tekhn. nauk; MIROSHNIK, A.M., kand.
tekhn. nauk; PETROV, I.P., kand. tekhn. nauk; ~~TURYSHOV, B.F.~~,
kand. tekhn. nauk; SHISHKOV, A.I., kand. tekhn. nauk;
AVERBUKH, I.D., inzh.; VARSHAVSKIY, A.V.; KRYUKOV, D.K.; LUKAS,
V.A.; MINEYEV, V.A.; SMIRNOV, A.A., otv. red.; LYUBIMOV, N.G.,
red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Handbook for the operator and mechanic of open-pit mine equip-
ment] Spravochnik mekhanika ugol'nogo kar'era. Moskva, Gos.
nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 639 p.
(MIRA 15:3)

(Strip mining—Equipment and supplies)
(Coal mining machinery) (Electricity in mining)

TURYSHOV, I.K.

**Demonstration of technological uses of electrolysis. Fiz.v shkole no.6:60-
62 '53. (MLRA 6:10)**

- 1. Laboratoriya metodiki fiziki Leningradskogo pedinstituta imeni Gertsena.
(Electrolysis)**

7087340014

Category : USSR/General Problems - Problems of Teaching

A-3

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 84

Author : Turyshchev, I.K.

Title : Two Experiments in the Use of Current in Electrolytes.

Orig Pub : Fizika v shkole, 1955, No 3, 47-48

Abstract : No abstract

Card : 1/1

TURYSHV, I.K. (Leningrad)

Determination of the concept "electrolysis". Khim.v shkole 10 no.2:
65-66 Mr-Apr '55. (MLRA 8:7)
(Electrolysis)

TURYSHV, I.K.

Two experiments demonstrating the use of currents in electrolytes. Fiz. v shkole 15 no.3:47-48 My-Je '55. (MLRA 8:6)

1. Pedagogicheskiy institut (g. Borisoglebsk)
(Electrolytes)

TURYSHV, I.K. (Chita)

Generalization of Indian formulas. Mat.v shkole no.3:63-64
My-Je '56.

(Mathematics--Formulae)

(MLRA 9:8)

TURYSHV, I.K. (g.Chita)

Studying the theory of the electrolysis of aqueous solutions.
Khim. v shkole 11 no.1:24-28 Ja-F '56. (MIRA 9:2)
(Electrolysis)

TURYSHEV, I.K.

Problems on technical electrolysis. Fiz.v shkole 16 no.5:83
S-O '56. (MIRA 9:11)

1. Pedagogicheskiy institut, Chita.
(electrolysis--Problems, exercises, etc.)

TURYSHEV, I.K.(Chita)

Simple experiments on technical use of electrolysis. Khim. v shkole
12 no.1:55-57 Ja-F '57.
(Electrolysis) (MLRA 10:3)

TURYSHEV, I.K.

Demonstration of electrochemical staining of metals. Khim. v
shkole 17 no.3:61-62 My-Je '62. (MIRA 15:6)

1. Pedagogicheskiy institut, g. Vladimir.
(Electroplating)

TURYSHEV, I.K. (Vladimir); LUK'YANOV, Yu.I. (Vladimir)

Solution of problems on physics in the international unit system.
Fiz. v shkole 22 no.3:88-91 My-Je '62. (MIRA 15:7)
(Physics--Problems, exercises, etc.)

TURYSHV, I.K. (Sverdlovsk)

Questions and answers on electrolysis linked to practical
technology. Fiz. v shkole 21 no.1:82-89 Ja-F '61. (MIRA 14:9)
(Electrolysis)

TURYSHV, I.K.

Demonstrating the coloring of aluminum as an imitation of gold.
Khim. v shkole 16 no.4:86-87 J1-Ag '61. (MIRA 14:8)

1. Pedagogicheskiy institut, Sverdlovsk.
(Aluminum)

TULYSHOV, I.K.

Demonstration of experiments on the use of electrolysis in technology. Politekh. obuch. no.3:73-75 Mr '58. (MIRA 11:2)

1. Pedinstitut, g. Chita.
(Electrolysis)

TURYSHEV, I. K.

USSR/General Problems.

A-

Abs Jour : Ref Zhur - Khimiya, No 10, 1957, 33424

Author : Turyshev, I.K.

Inst :

Title : Simple Experiments on the Application of Electrolysis
in Practice.

Orig Pub : Khimiya v Shkole, 1957, No 1, 55-57.

Abstract : School demonstration experiments are described.
The preparation of metals, chrome- plating, nickel-
plating, zink -plating, oxidation of Al and its alloys,
polishing of metals etching and corrosion anre discussed.

Card 1/1

USSR.

Determination of linalool by a dehydration method in a sealed ampul. A. E. Puzikov and N. A. Turyan. *Moskova Zhurn. Prikl. Khim.* 20, No. 3, 1967, 447-448. An improved method is described for determining linalool and preventing side reactions, namely, sulfonation and dehydration. Weigh 10-20 mg. of 50% H_2SO_4 soln. and 1-2 g. of oil into 10 mm. wide and 100 mm. long ampul, seal the ampul and heat gradually in an oil bath at $150-200^\circ C$ (15-20 min.), cool to about room temp., shaking vigorously during this time, and centrifuge for 2-3 min. Open the ampul and place inverted into a specially designed capillary tube trap. Centrifuge the ampul and the capillary tube trap together and measure the vol. of transferred and acid. water column in the trap. Compute the linalool content by means of the following equation $AM = 100 \cdot 18 \cdot S$, where M is the wt. of water formed in the trap, M , the mol. wt. of linalool (154), and S the wt. of the sample; $A = Vd - e$, where V is the vol. of H_2SO_4 water soln. in the trap at $20^\circ C$, d the d. of the soln., and e the wt. of H_2SO_4 used. V. N. K.

TURZA, P.

Heavy caliber.

P. 8 (Ceskoslovensky Vojak) Vol. 6, No 19, Sept. 1957, Czechoslovakia

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

TURZAK, Samuel, inz.

Foundation of depth tanks by using pumping needles. Inz stavby
10 no.9:336-340 S '62.

1. Hydrostav, pobocny zavod Sala.

DLUZNIEWSKA, Krystyna; OBTULOWICZ, Anna; TURZANSKA, Teresa

Vitamin C saturation level in women during delivery and in newborn babies. Roczn panstw zakl hig 14 no.5:443-452 '63.

1. First Clinic for Gynecology and Obstetrics, and Institute of Hygiene, Medical School, Krakow.

TURZANSKA, Teresa

Two successive tracheotomies in a premature infant. *Pediat. sci.*
39 no.10:1229-1230 0 '64

1. Z I Kliniki Położnictwa i Chorób Kobiecych Akademii Medycznej
w Krakowie (Kierownik: prof. dr. med. S. Schwarz).

Turzanski, Czeslaw

POLAND/Chemical Technology .. Chemical Products and Their
Application. Food Industry

I-28

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 14010

Author : Turzanski Czeslaw

Title : Freezing of Fish on a Base-Ship

Orig Pub : Techn. i gospod. morska, 1955, 5, No 9, 241-243

Abstract : Description of the technological process of freezing of fish by treatment with a solution of NaCl in a freezing unit of absorption type (300000 kcal/ hour), installed aboard the ship "Chopin". The sorted and washed fish is packed in layers into 50 kg capacity boxes and sprayed with the brine at - 20°, to cool it down within 2 hours to - 15°, glazed by sprinkling with cold salt water, packaged in boxes and stored at - 20°.

Card 1/1

- 428 -

AUTHORS: Talmud, S.L., Turzhetskaya, A.N. SOV/80-32-2-43/56

TITLE: A Comparative Study of the Effect of Trisodiumphosphate, Sodium Pyrophosphate and Sodium Hexametaphosphate on the Stability of the Systems Resin-Water and Resin-Sulfite Lye-Water (Sravnitel'noye izucheniye vliyaniya trinatriyfosfata, pirofosfata natriya i geksametafosfata natriya na stabil'nost' sistem smola-voda i smola-sul'fitnyy shchelok-voda)

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 2, pp 447-449 (USSR)

ABSTRACT: The three phosphates mentioned in the title are sensitizers for the system resin-sulfite lye-water. Trisodiumphosphate is the most efficient in this respect. The results of experiments are given in a table. They may be applied to emulsions and suspensions used in the paper production. There is 1 table and 7 references, 5 of which are Soviet, 1 American, and 1 Swedish.

Card 1/2

SOV/80-32-2-43/56

A Comparative Study of the Effect of Trisodiumphosphate, Sodium Pyrophosphate and Sodium Hexametaphosphate on the Stability of the Systems Resin-Water and Resin-Sulfite Lye-Water

ASSOCIATION: Kafedra fizicheskoy i kolloidnoy khimii Leningradskogo tekhnologicheskogo instituta (Chair of Physical and Colloidal Chemistry of the Leningrad Technological Institute)

SUBMITTED: December 3, 1957

Card 2/2

ТУРЖЕТСКАЯ, А.Н.

TALMUD, S.L.; TURZHETSKAYA, A.N.; KULESHOVA, A.A.

Fractional composition of short cellulose fibers. Koll. zhur. 19
no.1:118-120 Ja-F '57. (MLBA 10:4)

1. Leningradskiy tekhnologicheskii institut im. V.M. Molotova,
Kafedra fizicheskoy i kolloidnoy khimii.
(Cellulose) (Fibers)

TALMUD, S.L.; TURZHETSKAYA, A.N.; VOLKOV, V.A.; FEDOTOV, Yu.M.

Colloidal solubility of resin from sulfite pulp and resin. Zhur.
prikl.khim. 34 no.10:2306-2315 0 '61. (MIRA 14:11)

1. Leningradskiy tekhnologicheskii institut tsellyulozno-bumazhnoy
promyshlennosti.

(Gums and resins) (Solubility)

TURZHETSKAYA, L.K.

Preliminary data on the mineralogical composition recent
bottom sediments of the Chukchi Sea and the eastern part of
the East Siberian Sea. Inform.biul. NIIGA no.13:42-45
'59. (MIRA 13:5)
(Arctic regions--Sediments(Geology))

<i>TURZHELSKI</i> / <i>K. M. K.</i> 12 Formation of toxin by <i>Staphylococcus</i> in various food products. K. I. Turzhetskii. <i>Gigiena i Sanit.</i> 1949, No. 6, 31-35. Incubation at 37° for 24 hrs. causes the greatest multiplication of staphylococci on egg products, followed in descending order by ice cream, fish, milk, and meat. The hemolytic titers of the cultures were high (mostly over 1:1,000), the highest (1:20,000-1:5,000) being found in fish products (canned fish), the lowest in sausage products (1:120-1:40). Products infected by <i>B. subtilis</i> hemolyzed erythrocytes but rarely, while the exs. from colon bacillus cultures had no hemolytic activity. The hemolytic titer was shown to be proportional to the toxic effect of the culture on <i>per</i> administration to mice, showing a relation, at least in some strains, between the hemolytic and enterotoxic activities. G. M. K.																									
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																									
RECORD #1																									

TURZHETSKIY, K.I., doktor meditsinskikh nauk; **OLSEN'YEVA, Ye.I.**, nauchnyy
sotrudnik

Microorganisms as sanitary indicators of air pollution on closed
premises [with summary in English]. Gig. i san. 22 no.3:45-49
Mr '57. (MLRA 10:6)

1. Iz laboratorii sanitarnoy bakteriologii Leningradskogo nauchno-
issledovatel'skogo sanitarno-gigiyenicheskogo instituta.
(AIR, microbiol.
isolation of bact. from air in closed premises)

POLEND/Soil Science. Mineral Fertilizers

J-5

Abstr Jour : Ref Zhur - Biol., No 20, 1958, No 91456

Author : Boratynski K., ~~Turyna M.~~, Maygowa E .

Inst : -

Title : Vegetal Test with Filippovic Tufa

Orig Pub : Roczn. nauk rolniczych, 1956, N73, No 4, 684-692

Abstract : The tufas used for the tests contained a total of 10.2
o/o K_2O , 5 o/o being soluble in a 10 o/o solution of HCl.
In sand cultures oats reacted poorly (the increase in grain
was 8-10 o/o), mustard, however, did well (increased by 28,
52 and 74 o/o, respectively, according to increased doses).
In soil cultures, flax considerably reduced its yield, while
white mustard gave an increase up to 20 o/o. The pH-value of
the soil changed negligibly under the influence of tufa.
-- Z.I. Khurbitskiy

Card : 1/1

SIEDLANOWSKA-BRZOSKO, Hanna; TURZEWSKI, Jerzy

Classes for hard of hearing children and for children with impaired hearing. Otolar.polska 14 no.4:465-475 '60.

1. Panstwowy Instytut Gluchoniemych i Ociemnialych w Warszawie
Dyrektor: L.Kostencki.
(DEAF educ)

TAIMUD, S.L.; TURZHETSKAYA, A.N.; VOLKOV, V.A.; IVASHKIN, G.P.; FEDOTOV, Yu.M.

Colloidal solubility of the resin from sulfite pulp and rosin. Koll.
zhur. 22 no.4:477-481 J1-Ag '60. (MIRA 13:9)

1. Leningradskiy tekhnologicheskii institut, Kafedra fizicheskoy i
kolloidnoy khimii.

(Gums and resins)

TOMSON, N.M., prof., red.; TURZHETSKIY, K.I., red.

[Problems in the hygiene of the atmosphere; collection of articles from the Institute of Radiation Hygiene] Voprosy gigieny atmosfery i vozdukh; sbornik trudov. Pod red. N.M.Tomsona. Leningrad, 1959. 86 p. (MIRA 14:3)

1. Leningrad. Institut radiatsionnoy gigieny. 2. Deystvitel'nyy chlen AN Estonskoy SSR (for Tomson). (AIR--POLLUTION)

~~TURZHETSKIY, K.I.~~, doktor med.nauk, red.; KATSNEL'SON, S.B., tekhn.red.

[Problems in sanitation microbiology] Voprosy sanitarnoi mikrobiologii; sbornik trudov. Pod red. K.I.Turzhetskogo. Leningrad, 1959. 94 p. (MIRA 14:2)

1. Leningrad. Institut radiatsionnoy gigiyeny.
(FOOD POISONING) (INTESTINES--MICROBIOLOGY)

USSR / Microbiology. Sanitary Microbiology. Sanitary F
Microbiology of the Air.

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5554.

Author : Turzhetskiy, K. I.; Olon'yeva, Ye. I.
Inst : Moscow Sci. Res. Institute of Sanitation and
Hygiene.
Title : Technique of Microbiological Investigation of
Atmospheric Air.

Orig Pub: Inform. byul. Mosk. n.-i. in-t sanitarii i
gigiyeny, 1957, No 9, 14-15.

Abstract: 179 simultaneous bacteriological investigations
of air were made by sedimentation and with the
Krotov apparatus. It was established that us-
ing the sedimentation method and the Omelyan-
skiy method of calculation, 3-20 times more
bacteria per m³ of air are determined than by

Card 1/3

USSR / Microbiology. Sanitary Microbiology. Sanitary F
Microbiology of the Air.

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5554.

Abstract: the Krotov apparatus. This is due to deposition by the wind of large soil particles mainly of soil origin onto the plates. The number of bacteria which are determined by the sedimentation method does not depend upon the bacterial content in the given volumes of air. The Krotov apparatus catches comparatively more chromogenic bacteria and molds, while the sedimentation method yields greater numbers of spore-forming bacteria. In studies of atmospheric air it is recommended that the seeding of 125 liters of air be carried out with the Krotov apparatus, or that plates be exposed for 20 min. In the summer, with a dry soil cover and strong

Card 2/3

USSR / Microbiology. Sanitary Microbiology. Sanitary F
Microbiology of the Air.

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5554.

Abstract: wind the air volume investigated and the exposure time of plates should be cut in half.
-- V. V. Vlodayovs.

Card 3/3

KADYKOVA, B.I., prof., red.; TURZHETSKIY, K.I., red.

[Problems in the hygiene and physiology of nutrition; collection of articles] Voprosy gigieny i fiziologii pitaniia; sbornik trudov.

Pod red. B.I.Kadykova. Leningrad, 1960. 114 p. (MIRA 14:7)

Leningrad. Institut radiatsionnoy gigieny.

(NUTRITION) (FOOD HANDLING—HYGIENIC ASPECTS)

GALANIN, N.F., prof., red.; TURZHETSKIY, K.I., red.

[Ultraviolet solar radiation and its use as a prophylactic and curative; transactions of the Conference on the Biological Effect of Ultraviolet Radiation] Ul'trafiol'tovoe izluchenie solntsa i ego ispol'zovanie dlia profilakticheskikh i lechebnykh tselei; trudy Konferentsii po biologicheskomu deystviyu ul'trafiol'tovogo izlucheniya, 1958 g. Sbornik chetvertyi pod red. N.F.Galanina. Leningrad, 1960. 99 p. (MIRA 14:7)

1. Konferentsiya po biologicheskomu deystviyu ul'trafiol'tovogo izlucheniya, 1958. 2. Chlen-korrespondent AMN SSSR, Institut radiatsionnoy gigiyeny Ministerstva zdravookhraneniya RSFSR (for Galanin)
(ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT)

TURZHETSKIY K.I.

USSR/Microbiology - Microorganisms Pathogenic to Humans and
Animals.

F-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 9916

Author : Turzhetskiy, K.I.

Inst : -

Title : Method of Testing Staphylococci Enterotoxicity on Mice.

Orig Pub : V sb.: Uslovnopatogen. mikroby i ikh rol' v zabolevaniyakh
alimentarn. proiskhozhdeniya. L., Medgiz, 1956, 62-65

Abstract : A method is suggested which permits exact and rapid dosage
of given amounts of toxin. On an empty stomach, 1 ml of
toxin is given in the morning to mice weighing 10-15 gm
directly into the esophagus with the aid of a small cannu-
la bent at an angle of 135° attached to a syringe by a rub-
ber tube. The result is considered positive when intoxica-
tion appears in mice within 4-6 hours after toxin introduc-
tion or when they die in 24 hours. Enterotoxic action of
staphylococcus toxin depends on its hemolytic titer.

Card 1/2

USSR/Microbiology - Microorganisms Pathogenic to Humans and
Animals.

F-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 9916

Mice react on introduction of toxins which possess a hemolytic titer of 1:1000--1:5000. Tests were made with enterotoxic staphylococci toxins which caused food poisoning. Toxins were obtained on 0.75% agar from calf bouillon on cultivation in an atmosphere containing 20% CO₂, with subsequent centrifuging of extracts of agar cultures. Most of the toxins had a hemolytic titer of 1:5000. It was shown that mice are sensitive to enteric introduction of staphylococcus toxin when the method of introduction of suggested by the author was used.

Card 2/2

TURZHETSKIY, K.I., doktor med. nauk (Leningrad)

Recent findings in the field of staphylococcal food poisoning.
Gig. 1 san. 24 no.3:63-69 Mr '59. (MIRA 12:5)

(FOOD POISONING,
micrococcal, review (Rus))
(MICROCOCCAL INFECTIONS,
food pois., review (Rus))

TURZHETSKIY, K.I.

USSR / Microbiology. Microbes Pathogenic to Humans and Animals.

F-3

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 5252

Author : Turzhetskiy, K.I.

Inst : Not given

Title : Hemolytic Proteus Activity and Its Characteristics.

Orig Pub : V sb.: Uslovno-patogen. mikroby i ikh rol' v zaboлева-
niyakh alimentarn. proiskhozhdeniya. L., Medgiz, 1955,
26-30

Abstract : Twelve strains of proteus isolated from food toxins and
examined food products were studied. From their bioche-
mical properties, the strains belonged to the following
species: Proteus vulgaris (64), O. mirabilis (124), P.
rettgeri (3), and P. americanus (1). All the strains
were tested for their hemolytic activity (HA) by inocula-
tion on agar with 2, 3 and 5% rabbit and sheep blood.

Card : 1/3

USSR / Microbiology. Microbes Pathogenic to Humans and
Animals.

F-3

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 5252

Microbial bodies of different representatives of salmonella and the most hemolytic strains of staphylococci did not dissolve rabbit erythrocytes. It was shown that proteus Ha is not related either to its pathogenicity or to its biochemical properties.

Card : 3/3

TURZHETSKIY, K. I.

20069 TURZHETSKIY, K. I. Vyrabotka stafilokokkom toksina na pishchevykh produktakh. Gigiyena i sanitariya, 1949, No. 6, s. 34-38.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

1. TURZHETSKIY, K. I.
2. USSR (600)
4. Stomach--Diseases
7. Etiology of acute gastritis, Vop. pit., 12, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

IGNATOVICH, Z.A.; KRUPINA, A.P.; TURZHETSKIY, K.I.

"Instructions on conducting sanitary and bacteriological examinations of objects in the environment." Reviewed by Z.A.Ignatovich, A.P.Krupina, K.I.Turzhetskii. Gig.i san. 26 no.1:122-125 Ja '61.
(MIRA 14:6)

(BACTERIOLOGY)

1ST AND 2ND SUBS		PROCESSES AND PROPERTIES INDEX		1ST AND 2ND SUBS	
C4		12			
Canned fish as a source of staphylococcus food poisoning. K. I. Tuzhetskii. <i>Gigiena i Sanit.</i> 1949, No. 4, 31-4.—A no. of food-poisoning cases in which the infection was traced to staphylococcus contaminations of canned fish products are discussed. It is pointed out that the fish, canned in oil, usually is not subjected to as high a temp. during canning as might be expected, owing to poor heat cond. of oil, and comparative studies showed that the or even higher differentials may exist between the levels needed for destruction of bacteria in aq. or in oil media for this reason. G. M. Kosolapoff					
ASR-31A METALLURGICAL LITERATURE CLASSIFICATION					
ROOM SYMBOL		ROOM SYMBOL		ROOM SYMBOL	
1ST AND 2ND SUBS		1ST AND 2ND SUBS		1ST AND 2ND SUBS	

OSTROVSKIY, Ya.M. [Ostrovskiy, I.A.M.]; SERDYUKOV, I.I.; KATS, Yu.M.;
KOZACHUK, A.I.; TURZHANSKIY, Yu.V. [Turzhansk'iy, I.U.V.];
SNIGUR, I.I. [Snihur, I.I.]; KIRILLOVSKIY, G.S. [Kyrillova'kiy,
H.S.]; BRON, S.S.; PESIS, Ye.I. [Pesis, E.I.]; SHUL'GA, A.M.
[Shul'ha, A.M.]

Proposals of efficiency promoters. Leh.prom. no. 4:81-88
O-D '63. (MIRA 17:5)

1. Khar'kovskaya obuvnaya fabrika (for Ostrovskiy, Serdyukov,
Kats). 2. Zhitomirskaya obuvnaya fabrika (for Kozachuk,
Turzhanskiy, Snigur). 3. Kiyevskaya obuvnaya fabrika No. 6
(for Kirillovskiy, Bron, Pesis, Shul'ga).

TURZHOVA, M. P.

USSR 0

Determination of the time of pruning of grapevines taking into account the assimilative activity of the leaves. A. A. Borsan'ko and M. P. Turzhova. *Vineyard and Viticulture* USSR, 13, 1953, 27-31 (1953).—The max. assimilative activity of grapevine leaves is not reached at the time of grape ripening or harvesting; it is reached at the end of October: the aunts. of total carbohydrates (hydrolyzable by 2% HCl) and starch on October 15 and November 6 were 23.50-29.37 and 23.92-32.17, and 5.30-6.70 and 10.15-12.95% of abs. dry substance of the leaves, resp. The increase of dry substance/hr./100 sq. cm. leaves was higher in October than in June (6.4-8.8 and 5.4-7.23 mg., resp.). The photosynthetic activity of leaves on October 4 at av. daily temp. of 6.7° was as high as on September 22 at av. daily temp. of 11°. The accumulation of the photosynthetic products in the grapevine plants increases their resistance against frost. Therefore, the time of pruning of the plants in autumn has to be postponed as far as possible. B. Wierbicki

С

Determination of the total content of hydrogen sulfide and dissolved oxygen in waters. S. A. Durov and M. P. Turzhova, *Gidrokhim. Materialy (Hydrochem. Materials)* 13, 109-19(1947).--When there is a large excess of H_2S in waters the detn. of free O by Winkler's method may be carried out according to the described modification of the I test. It was found that free O may coexist in aq. soln. with free H_2S for 2-3 hrs. Gladys S. Macy

CA

17

Determination of the total content of hydrogen sulhide and dissolved oxygen in waters. S. A. Durov and M. P. Furzhova. *Gidrobiol. Materialy (Hydrobiol. Materials)* 19:1047. When there is a large excess of H₂S in waters the detn. of free O by Winkler's method may be carried out according to the described modification of the I test. It was found that free O may coexist in aq. soln with free H₂S for 2-3 hrs. Gladys S. Miley

TURZIK, J.

"Effect of slow cooling of rails on their cold brittleness"
by N.S. Artemenko. Reviewed by J. Turzik. Hut listy 19
no.1:58-60 Ja'64.

TURZO, Laszlo

After the 20th Congress of Hungarian Trade Unions; the activity of the Trade Union of Workers of the Leather Industry to raise the production. Munka 13 no.8:1-2 Ag '63.

1. Boripari Dolgozok Szakszervezete titkara.

TURZO, V.

Ten years of oncology in Czechoslovakia. Vop.onk. 1 no.2:88-90
'55. (MLRA 8:10)

1. Chlen-korrespondent Slovatskoy AN. 2. Iz Nauchno-issledova-
tel'skogo onkologicheskogo instituta v Bratislave (dir. V. Turzo)
(NEOPLASMS,
oncol. in Czech.)

HORVATH, Eva, dr.; TUSA, Adam, dr.; ORLIK, Jozsef, dr.; MONOKI, Istvan, dr.;
WIENER, Ferenc, dr.

Data on the dermatomyositis syndrome. Orv.hetil. 101 no.3:
83-86 Ja '60.

1. A marosvásárhelyi II. Belgyógyászati Klinika es Borgyógyászati
Klinika.

(DERMATOMYOSITIS diag.)

RUMANIA/Plant Diseases - Diseases of Cultivated Plants.

0-3

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30207

Author : Rafaila, C., Tusa, C.

Inst : -

Title : The Effect of Treating Corn Seeds with Micronutrients for Infections Caused by *Ustilago zeae* (Beckn.) Ung. and *Sorospodium holgi-sorghii* f. *zeae* (Pass.) Savulescu.

Orig Pub : Commun. Acad. RFR, 1957, 7, No 3, 383-388

Abstract : Seeds were treated with micronutrients and insectofungicides. Zn helped to upset the balance of parasite to plant and boosted the yield. There was also an increased harvest with the use of Na. Of the insecto-fungicides, the most effective were Thiurad and mercuran, showing active disinfectant and stimulating properties.
G.A. D'yakova.

Card 1/1

BALIC, Ch.; BRATU, Mona; TUSA, Corina

Resistance of some varieties and hybrids of maize to the action of the herbicides applied during the vegetation period. Studii cerc biol veget 14 no. 1:47-52 '62.

1. Comunicare prezentata de Alice Savulescu, membru corespondent al Academiei R.P.R.

BALIC, Ch.; ERATU, Nona; TUSA, Corina

Resistance of some varieties and hybrids of maize to the action of the herbicides applied during the vegetation period. Studii cerc biol veget 14 no.1:47-52. '62.

1. Comunicare prezentata de Alice Savulescu, membru corespondent al Academiei R.P.R.

TUSA, G.

RUMANIA / General and Specialized Zoology. Insects. Insect and P
Mite Pests.

Abs Jour : Ro Zhur - Biol., No 10, 1958, No 44822

Author : Manolache, F.; Tusa, G.

Inst : Experiments in the Control of the Bollworm.

Orig Pub : Bul. stiint Acad. RPR, Sect. biol. si stiinta agric., 1956,
8, No. 3, 631-641.

Abstract : A preliminary report on the results of two year experiments.
Cotton was least infested by the bollworm when a double treat-
ment with DDT (5 percent dust, 0.15 percent suspension) .
percent DDT dust were administered. HCHH dusts and emulsions
in various concentrations were less effective than DDT dusts
and emulsions. The greatest effectiveness in the treatment
of the cotton plant against the first generation was obtained
during egg-laying and generation of the larvae. 3 to 4 treat-
ments were necessary against the second and third hatchings.--
From the author's summary.

Card 1/1

* 0.2 percent emulsion), and with a mixture of 3 percent HCHH
dust with 5 percent DDT dust...

Country : ROMANIA

M

Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 11, 1958, No 48917

Author : Ionescu, A.I.; Costache, I.; Tusa Gh.

Inst : Scientific Res. Inst. of Agronomy

Title : On the Problems of Agricultural Technique for Soys
and Chick-Pea.

Orig Pub: An Inst. cercetari agron., 1957, 24, No 5, 99-119

Abstract: This article gives the data of the Scientific
Research Institute of Agronomy (1951-1953) on the
study of the periods, methods and the sowing rates
of soybeans and chick-peas. The most favorable
sowing period for soybean is the second half of
April, and for the chick-pea, early sowing in the
beginning of spring. The two-strip sowing (60 x 15 cm)

Card : 1/2

M-50

Country : ROMANIA

M

Category: Cultivated Plants. Grains.

Is Jour: RZMol., No 11, 1958, No 48917

method is the one most recommended for soybeans and chick-peas. On very weedy sections, one-strip sowing is permissible with a space between rows of 50 cm and sowing rate of 50 seeds per 1 m² for soybeans and 35 seeds for the chick-pea. In Bucharest zone, chick-pea replaces other grain and legume crops in dry years. A.F. Khlystova

Card : 2/2

TUSA, Gh.; MOSCALU, T., candidat in stiinte agricole; TINTAREANU, D.

Problems of fertilizer utilization in agriculture. Probleme
econ 17 no.12:33-47 D '64.

10

CA

Some derivatives of 3,5-dibromo-1-ethoxy-2-amino-
benzene and 4,6-dibromo-1-ethoxy-2-aminobenzene. K.
Burr and B. Tamaroff. *Compt. Rendus. Librarian's*
14, 1-14(1934).—3,5-Dibromo-1-ethoxy-2-aminobenzene
(I), m. 57°, was prepd. by bromination of *o*-phenylenedine
in glacial AcOH. Derivs. of I prepd. were: HCl salt;
sulfate, m. 145°; di-Ac deriv., m. 108°; Bz
deriv., m. 151°; *N*-Et deriv., b. 182°. 3,5-Dibromo-1-
ethoxybenzene (II), b. 200°. Derivs. of II: 4-nitro, m.
128°; 2-HO; 2-Cl; 3-Br, m. 71°; 2-I, m. 62°. The
bromination of *o*-acetophenamide, in glacial AcOH, leads
to 4,6-dibromo-1-ethoxy-2-acetamidobenzene, m. 141°,
which on sapon. gave 4,6-dibromo-1-ethoxy-2-amino-
benzene (III), m. 66°. Derivs. of III prepd. were:
HCl salt; di-Ac deriv., m. 151°; Bz deriv. m. 159°;

1ST AND 2ND ORDERS										PROCESSES AND PROPERTIES INDEX										10									
CA di-Me deriv. Derivs. of 4,6-dibromo-1-ethoxybenzene: 2-HO; 2-Cl, m. 61°; 2-Br, m. 73°; 2-I, m. 69°. William J. Husa																													
ASS-51A METALLURGICAL LITERATURE CLASSIFICATION																													

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
10 Some derivatives of 3,5-dibromo-1-ethoxy-2-amino- benzene and 4,6-dibromo-1-ethoxy-2-amino- benzene. I. Burel and B. Tamasova. <i>Comptes Rendus. Libération</i> 16, 1-14(1934).—3,5-Dibromo-1-ethoxy-2-amino- benzene (I), m. 87°, was prepd. by bromination of <i>o</i>-phenetidine in glacial AcOH. Derivs. of I prepd. were: HCl salt; sulfate; picrate, m. 145°; di-Ac deriv., m. 108°; Et deriv., m. 151°; <i>N</i>-Et deriv., b. 150°. 3,5-Dibromo-1- ethoxybenzene (II), b. 200°. Derivs. of II: 4-nitro, m. 120°; 2-HO; 2-Cl; 2-Br, m. 72°; 2-I, m. 82°. The bromination of <i>o</i>-acetophenamide, in glacial AcOH, leads to 4,6-dibromo-1-ethoxy-2-acetamidebenzene, m. 141°, which on sapon. gave 4,6-dibromo-1-ethoxy-2-amino- benzene (III), m. 66°. Derivs. of III prepd. were: HCl salt; di-Ac deriv., m. 151°; Et deriv. m. 150°; di-Me deriv. Derivs. of 4,6-dibromo-1-ethoxybenzene: 2-HO; 2-Cl, m. 61°; 2-Br, m. 73°; 2-I, m. 80°. William J. Huns																			
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION																			
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									

TUSCANY, P.

Chromosome count distribution and morphological variability
of bone marrow cells in healthy persons. Folia morph. (Praha)
23 no.4:384-393 '65.

1. Institute of Radiation Hygiene, Prague.

TUSCANY, Richard; KLENER, Vladimir; KUDRNA, Jan.

Use of transparent index cards for computing documents in health work and practice. Prac. lek. 16 no.2:79-82 Mr'64

1. Ustav hygieny prace a chorob z povolani v Praze (reditel: prof. dr. J. Teisinger, DrSc) a Oddeleni hygieny prace HES NV [Hygienicko-epidemiologicka stanice narodni vybor], Praha (vedouci: MUDr. A. Grunvald).

TUSCANY, Richard

Characteristics of the chromosome set in the somatic cells of the guinea pig (*Cavia cobaya*). *Cesk. morf.* 11 no.2:124-130 '63.

1. Z Ustavu hygieny prace a chorob z povolani v Praze, reditel prof.
dr. J. Teisinger, ScDr.
(CHROMOSOMES) (BONE MARROW EXAMINATION) (HISTOLOGY)

1ST AND 2ND CODES		PROCESSING AND PROPERTY MODES		3RD AND 4TH CODES	
Antitoxic action of "hormantoxone" [detoxifying hormones of liver]. I. G. NICHITA and N. TUSCHAK. II. G. NICHITA and J. SAGHETI (Bull. Acad. Med. Roumania, 1940, 9, 2-14, 15-33).— I. White mice and rats, poisoned with lethal doses of NH_4Cl, survived after previous treatment with the drug (a liver extract of unstated composition). II. Varying results have been obtained in rabbits. M. K.					
ASR-SLA METALLURGICAL LITERATURE CLASSIFICATION					
1ST AND 2ND CODES		3RD AND 4TH CODES		5TH AND 6TH CODES	
1ST AND 2ND CODES		3RD AND 4TH CODES		5TH AND 6TH CODES	

TUSCHAK, Robert, a muszaki tudományok kandidátusa

Short-circuit impedance of the starter squirrel-cage of
salient-pole synchronous motors. Elektrotechnika 52
no.8/9/337-358 '59.

1. Klement Gottwald Villamossági Gyar.

TUSCHAK, R.

TUSCHAK, R.

Current displacement in the round massive bars embedded in the slots of electric machines.

P. 25 (ELEKTROTECHNIKA) Budapest, Hungary Vol. 50, No. 1/2, Jan./Feb. 1957.

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11 November 1957.

TUSCHAK, R.

Transient phenomena in the solid rotors of synchronous machines. In English, p. 457, ACTA TECHNICA, (Magyar Tudomanyos Akademia) Budapest, Vol. 10, No. 3/4, 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955

TUSCHAK, R.

HUNG.

621.313.32.043.3
2219. Transient phenomena in the solid rotors of
synchronous machines. R. TUSCHAK. *Acta tech.*
[Hungar.] 10, No. 3-4, 457-54 (1955).

A mathematical article to determine the magnetic fields and eddy currents in a solid rotor of infinite length without exciting coil, when the primary current is varied. The operational impedance of the rotor is computed and the differential equations which describe the switching-on are solved. It is shown that the a.c. component of the a.c. current may be developed into the sum of an infinite number of exponentially-damped factors, so that splitting it into a transient and sub-transient current is only an approximation. A numerical example is given. A bibliography is added.

R. G. JAKEMAN

OK 12/11

TUCCHAK, R.

"Load limits of asynchronous motors connected with asymmetrical three-phase network" p. 18, (ELECTROTEKHNIKA, Vol. 46, no. 1, Jan. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.