KONYUSHEVSKII, YE. I.

Cement. P. I. Bozhenov and E. J. Konyushevskii. U.S.S.R. 65,706, Jan. 31, 1946; abstracted in Chem. Zentr., 1948, I [½] 153.--The cement is made of 50% calcined gypsum, about 15% CaO, and 35% hydraulic additions. The constituents are either ground together or ground separately and then mixed.   M.Ha.

AUTHORS: Makogon, M. B., Panin, V. Ye., Sidorova, T. S., Konyushina,
             G. G., Landa, A. L., Shilina, G. V.

TITLE: The Effect of Conditions of Preliminary Cold Hardening on the
             Recovery of Cu and its Alloys as a Function of Temperature
             (Vliyaniye usloviy predvaritel'nogo naklepa na temperaturnuyu
             zavisimost' vozvrata medi i yeye splavov)

ABSTRACT: Investigations were performed in order to establish how tem-
             perature and rate of deformation (D) (the degree of D remaining
             constant) affect the progress of recrystallization curves of Cu
             and its alloys containing 10 atom-% Ni and Al. It was estab-
             lished that the increase in recrystallization temperature of Cu
             and its alloys is directly proportional to the degree of D; it is
             therefore assumed that for each temperature of D there is a
             corresponding field of D distortions, the temperature stability
Card 1/2   of which increases with increasing temperatures of D. It is

SOV/137-58-10-21531

, The Effect of Conditions of Preliminary Cold Hardening (cont.)

pointed out that the temperature stability of the cold-hardening of the Cu-base
solid solutions investigated is a function of the nature of the alloy.   Compared
with Al, the addition of which tends to reduce the strength of cohesive bonds,
introduction of Ni increases the cohesive forces in the Cu lattice and results
in a greater rate of increase in temperature stability of the work-hardened
regions.

Z. F.

1. Copper--Crystallization   2. Copper alloys--Crystallization
3. Copper--Temperature factors   4. Copper alloys--Temperature factors

Card 2/2

AUTHORS: Makogon, M. B. , Panin, V. Ye. , Konyushina, G. G. , Landa, A. L. ,
             Sidorova, T. S. , Shilina, G. V.

TITLE: Influence of the Strain Conditions During Compression on the State
             of Copper - Copper-alloy Solid Solutions (Vliyaniye usloviy
             deformirovaniya pri szhatii na sostoyaniye medi i yeye splavov -
             tverdykh rastvorov)

ABSTRACT: A comparison is offered of data on the variation in the hardness
             of strained alloys during anneal with the values of the rate coef-
             ficients of said alloys at various strain temperatures.
                                                      From the résumé

Card 1/1

KONYUSHKO, D.P.

Significance of gnathodynamometric investigation of the
physiologic tresholds of periodontal sensitivity to
masticatory pressure in application of bridges and
abutment prosthesis. Stomatologiia, Moskva no.2:46-47
1951.   (CIML 20:11)

1. Candidate Medical Sciences. 2. Of the Department of
Orthopedic Stomatology (Head -- M. A. Solomonov), Tomsk
Medical Institute imeni V.M. Molotov.

KONYUSHKO, E. P.

Teeth, Artificial

Clinical and physiological basis for the advisability and inadvisability of a prosthesis in partial defects of dental arches. Stomatologiia No. 3, 1952.

KONYUSHKO, D.P., dotsent

Using plastics for fixing permanent prosthesis on the supporting teeth. Stomatologiia 36 no.2:68-69 Mr-Ap '57.   (MLRA 10:6)

1. Iz kafedry ortopedicheskoy stomatologii (zav. - prof. V.Yu. Kurlyandskiy) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. - dotsent G.N.Beletskiy)
         (PLASTICS)   (DENTAL PROSTHESIS)

KONYUSHKO, D.P., dots., BENENSON, Ye.V. assistent.

Change in the sensitivity of the peridental tissues to pressure following
different methods for treating periodontoclasia. Stomatologiia 37
no.6:14-16 N-D '58   (MIRA 11:12)

1. Iz kafedry ortopedicheskoy stomatologii (zav. - prof. V.Yu.
Kurlyandskiy) i kafedry terapevticheskoy stomatologii (zav. -
prof. Ye.Ye. Platonov) Moskovskogo meditsinskogc stomatologicheskogo
instituta (dir. - dots. G.N. Beletskiy).
          (GUMS--DISEASES)

KONYUSHKO, D.P., dotsent

Some observations on the consolidation of movable teeth into blocs in the treatment of parodontosis. Stomatologiia 38 no.5:74-75 S-O '59.   (MIRA 13:3)

1. Iz kafedry ortopedicheskoy stomatologii (zaveduyushchiy - prof. V.Yu. Kurlyandskiy) Moskovskogo meditsinskogo stomatologicheskogo instituta (direktor - dotsent G.N. Beletskiy).
         (GUMS--DISEASES)   (DENTISTRY)

KONYUSHKO, D.P., dotsent

First Conference of Stomatoligists in Vologda Province.
Stomatologiia 41 no.5:107 S-O '62.   (MIRA 16:4)
                    (VOLOGDA PROVINCE—STOMATOLOGY)

KONYUSHKO, D.P., dotsent

Periodontodynamometer. Teor. i prak.stom. no.6:166-167 '63.
(MIRA 18:3)

YERMOLENKO, Nikolay Fedorovich, KONYUSHKO, Ivan Makarovich,; MUSHINSKIY,
M.I., red.; BELEN'KAYA, I.Ye., tekhn. red.

[Role of chemistry in agriculture; a popular lecture] Znachenie
khimii v sel'skom khoziaistve; populiarnaia lektsiia. Minsk,
Izd-vo Belgosuniv. im. V.I.Lenina, 1956. 47.   (MIRA 11:11)
                    (Agricultural chemistry)

BEL'KEVICH, P.I.; KOSYUSHKO, I.M.

Analysis of the composition of the adsorbed phase of montmorillonite
type clay. Uch.zap. BGU no.29:233-250 '56.   (MIRA 11:11)
        (Montmorillonite)   (Adsorption)

KONYUSHKO, I.M.

Composition of the adsorption phase of Glukhovsk kaolin.
Uch.zap. BGU no.29:282-294 '56.   (MIRA 11:11)
                    (Kaolin)

KONYUSHKO, I.M.

Adsorption of nonelectrolytes from aqueous solutions of aluminum hydroxide. Uch.zap.BGU no.42:259-270 ' 58.   (MIRA 12:1)
(Aluminum hydroxide) (Adsorption)

KONYUSHKO, Ivan Makarovich; GESB, N., red.; BELEN'KAYA, I., tekhn.
red.; DUBOVIK, A., tekhn. red.

[Qualitative chemical analysis] Kachestvennyi khimicheskii
analiz. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo
i professional'nogo obrazovaniia BSSR, 1961.   488 p.
                                        (MIRA 15:2)

    (Chemistry, Analytical--Qualitative)

Theory of Mechanisms and Machines

Dissertation: "Problems of Dynamics and Kinematics of Agricultural Implements With Universal Couplers." Cand Tech Sci, Moscow Inst of Mechanization and Electrification of Agriculture, Moscow, 1953. (Referativnyy Zhurnal -- Mekhanika, Moscow, Mar 54)

SO: SUM 213, 20 Sep 1954

KONYUSHKO, V. A.

GOLIKOV, Aleksey Fedorovich; LITVINENKO, Aleksandr Nikolayevich;
    ANDREYEV, N.G., red.; KONYUSHKO, V.A., red.; POPRYADUKHIN, K.A.
    tekhn.red.

[Research in agricultural colleges] Nauchno-issledovatel'skaia
rabota v sel'skokhoziaistvennykh vuzakh. Moskva, Gos.izd-vo
"Sovetskaia nauka," 1957. 234 p.   (MIRA 10:12)
                    (Agricultural research)

SVIRSHCHEVSKIY, Bronislav Stanislavovich; ABEZKOV, M.S., red.; ANTONOVSKIY,
B.N., red.; BEDNYAKOVA, A.V., red.; GLAZKO, V.G., red.; GOROBETS,
P.Z., red.; DOKUCHAIEVA, A.P., red.; YELANIV, A.V., red.; KISELEV,
I.I., red.; KOGANOV, A.B., red.; KONDRAT'YEV, M.A., red.; KONYUSHKO,
L.A., red.; KURGANOV, A.I., red.; FUTYATIN, M.D., red.; PERL, F.F.,
red.; LITNEV, B.Ya., red.; MAKHOVA, N.N., tekhn. red.; GOR'KOVA,
Z.D., tekhn. red.

[Utilisation of tractors and machinery] Ekspluatatsiia mashinno-
traktornogo parka. Izd.3., perer. Moskva, Gos. izd-vo sel'khoz.
lit-ry, 1958. 660 p.   (MIRA 11:10)
                        (Agricultural machinery)

KONYUSHKO, V.S.; DUKSINA, S.G.

Extraction-photometric microdetermination of papverine as a triple complex with iron thiocyanate. Apt. delo 13 no.1:35-39 Ja-F '64.
(MIRA 17:4)

1. Vitebskiy meditsinskiy institut.

L 14524-65   AS(mp)-2/Pa-4
ACCESSION NR: AP5001429   S/0075/64/019/008/1012/1020

AUTHOR: Konyushko, V. S.

TITLE: New method of extraction-photometric analysis of mixtures of alkaloids

SOURCE: Zhurnal analiticheskoy khimii, v. 19, no. 8, 1964, 1012-1020

TOPIC TAGS: extraction photometry, chromatography, alkaloid, organic ion

Abstract: An extraction-photometric method of analyzing mixtures of alkaloids was developed on the basis of selective extraction of the organic ions with colored ions of opposite sign. The extraction of a large number of alkaloids with chloroform in the presence of 10 organic dyes of an acid character: bromocresol purple, bromocresol green, pure sky blue, phenol red, bromothymol blue, acid blue, cresol red, methyl orange, bromophenol blue, and dipicrylamine was studied as a function of the pH. Methods were proposed for analyzing mixtures of alkaloids, based on the selective separation of individual alkaloids and measurement of the optical density of the extracts. The method substantially accelerates the analysis, as opposed to the chromatographic method, and provides the possibility of performing determinations at con-

Card 1/2

KORYUSHKO. Z. M.

"Investigation of the Strength of Heat-Treated Tool Steels." Cand Tech Sci, Moscow Order of the Labor Red Banner Higher Technical School imeni N. E. Bauman, 22 Nov 54. (VM, 11 Nov 54)

Survey of Scientific and Technical Dissertions Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

KONYUSHKO, Z. M.

USSR/ Engineering - Structural tests

Card   1/1   Pub. 128 - 15/23

Authors   : Konyushko, Z. M.

Title   : Investigating the strength of a heat treated steel during its stress and compression

Periodical   : Vest. mash. 2, 67 - 69 and 73, Feb 1955

Abstract   : The editorial gives some information concerning the tensile strength, tensile yield point and proportional limit of the R18, R9, 9KhS, U12 and 40Kh steels at various degrees of stress and compression. Technical data are given on the chemical composition of the above mentioned steels, hardening temperatures, and cooling agents. Four USSR references (1946 - 1951). Graphs; drawings; tables.

Institution: •••••

Submitted: •••••

KONYUSHKO,Z.M.

On broach strength calculations. Stan.i instr.26 no.10:12-15
0'55.   (MIRA 9:1)
           (Broaching machines)

KONYUSHKO, Z.M.

Graphic-analytic limit load method for calculating beam strength
subjected to eccentric tension and compression. [Trudy] MVTU no.31:
173-177 '55.   (MIRA 8:5)
          (Girders) (Mechanical engineering)

KONYUSHKO, Z. M.

USSR.

8266   Investigation of Strength of Heat-Treated Tool Steel
Under Tensile and Compressive Stresses. Issledovanie proch-
nosti termicheski obrabotannoi instrumental'noi stali pri
rastiazhenii i szhatii. (Russian.) Z. M. Koniushko, Vestnik
Mashinostroeniia, v. 35, no. 2, Feb. 1955, p. 67-69, 73.
Test methods for investigating influence of heat-treatment con-
dition on the strength. Tables, diagrams, graphs. 1 ref.

KONYUSHKO, Z.M., kandidat tekhnicheskikh nauk.

Study of the mechanical properties of heat-treated tool steel.
Vest.mash. 35 no.12:47-57 '55.   (MLRA 9:5)
                (Tool steel--Heat treatment)

KONYUSHKO, Z.M., kandidat tekhnicheskikh nauk.

Investigation of the strength of heat-treated tool steels.
[Trudy] MVTU no.46:168-205 '55.   (MLRA 9:4)
(Tool steel--Testing)

Konyashko, Z. M.

24(0): 25(2)   PHASE I BOOK EXPLOITATION   SOV/2037

Moscow. Vyssheye tekhnicheskoye uchilishche imeni N.E. Baumana

Raschety na prochnost' v mashinostroyenii; [sbornik] Design for Strength in Mechanical Engineering; Collection of Articles) Moscow, Mashgiz, 1958. 244 p. (Series: Its: [Trudy] 89) 3,300 copies printed.

Ed.: G.A. Nikolayev, Doctor of Technical Sciences, Professor, Honored Worker in Science and Technology; Ed. of Publishing House: N.F. Cheruyaheva; Tech. Ed.: B.I. Model'; Managing Ed. for Literature on Heavy Machine Building (Mashgiz): S.Ya. Golovin, Engineer.

PURPOSE: This collection of articles is intended for engineering staffs in the machine-building industry and may be useful to scientific workers and senior students of mechanical engineering vtuzes.

COVERAGE: The articles cover the graphoanalytical method of designing circular symmetrically loaded reinforced plates, methods of designing rotating heated disks for transverse bending, and calculation of preloaded belleville springs. Also discussed are differential equations for deformation of rubber-cord shells of rotation, the theory of flexure of rubber-cord hose, and stability problems of elastic cylindrical shells. Results of experimental investigations of strength and ductility of constructional steels and other materials are presented. Several articles are devoted to problems of vibrations in machinery. There are 78 references; 71 Soviet, 4 German, 2 English, and 1 French.

Konrashko, Z. M. Candidate of Technical Sciences, Docent. Construction of Stress-Strain Diagrams for Shear of Brittle Materials Based on Results of Tension and Compression Tests   197
A method is described for obtaining stress-strain diagrams for shear from stress-strain diagram for tension and compression of materials with different characteristics in tension and compression. Results of experiments are compared with theoretical conclusions.

Blinik, S.I., Candidate of Technical Sciences, Docent. Calculation of Free Vibrations in a Four-column Press   210
A method for determining the fundamental natural frequency of a four-column press, allowing for elasticity of the foundation is discussed. The formulas derived can also be used for cases of very rigid foundations by putting the coefficient of soil compressibility equal to zero.

Kolesnikov, K.S., Candidate of Technical Sciences, Docent. Deflections of Beams in the Case of Vibration of Their Supports   226
A method is presented for determining the deflection of variable cross-section beams subjected to forced vibrations arising from the periodic motion of supports.

Svetlitskiy, V.A., Engineer. Determination of Basic Premises for Forced Motion   234
The paper presents a method for checking whether the forced motion analyzed is in accordance with the initial assumptions used for the theoretical solution. The possibility of deviation of existing conditions from initial assumptions is discussed.

AVAILABLE: Library of Congress

GO/jar
8-23-59

Card 8/8

KOITUSHKO, S.M., kand.tekhn.nauk, dotsent

Plotting shear graphs for brittle materials based on results of tensile and compression tests. [Trudy] MVTU no.89:197-209 '59.
(MIRA 12:7)
(Shear (Mechanics)—Graphic methods)

KONYUSHKO, Zoya Maksimovna; dotsent, kand.tekhn.nauk; MALININ, N.N.,
prof., doktor tekhn.nauk, red.

[Designing structural elements for strength and rigidity with
consideration given to plastic deformations] Raschety na prochnost'
i zhestkost' elementov konstruktsii s uchetom plasticheskikh de-
formatsii. Pod red. N.N.Malinina. Moskva, Mosk.vysshee tekhn.
uchilishche, Kafedra soprotivleniia materialov, 1960. 175 p.
                                        (MIRA 14:4)
        (Strength of materials)

KONYUSHKOV, A.A.

Class S_1 functions. Usp. mat. nauk 18 no.6:209-215 '63.

(MIRA 17:3)

KONYUSHKOV, A.A.

One class of functions. Usp.mat.nauk 12 no.4:177-180 Jl-Ag '57.
(MIRA 10:10)

(Functions, Periodic)

AUTHOR   KONYUSHKOV A.A.
TITLE   On the LIPSCHITZ Classes.
                (O klassakh Lipshitsa.- Russian)
PERIODICAL   Izvestiia Akad. Nauk SSSR, Ser.Mat. 1957, Vol 21, Nr 3,
                pp 423-448 (USSR)

ABSTRACT   The author here investigates summatable periodic functions with
                the period 2π. Two types of subclasses $Lip(\alpha,p)$ and $lip(\alpha,p)$,
                $0 < \alpha \leqslant 1$, are separated from the classes $Lp(0,2\pi)$, $1 \leqslant p \leqslant \infty$.
                As is known, $f(x) \in Lip(\alpha,p)$ applies, if the condition

$$\| f(x+h) - f(x) \|_p = O(h^\alpha) \ (h \rightarrow + 0) \text{ is satisfied.}$$

                For $\| f(x+h) - f(x) \|_p = o(h^\alpha)$, however $f(x) \in lip(\alpha,p)$ applies.

                In the first chapter the characteristic of the LIPSCHITZ classes
                is discussed and the terminology of the FOURIER coefficients is
                used. One of the theorems of the first chapter concerns the
                subclass $Lip(\alpha,p)$ in the class $Lip(\alpha,p)$ and runs as follows:
                Be it assumed that $f(x) \in L(0,2\pi)$ and $f(x) \sim (\alpha_0/2) + \sum_{n=1}^{\infty} (\alpha_n \cos nx + b_n \sin nx)$

CARD 1/3

On the LIPSCHITZ Classes.

is the corresponding FOURIER series. The following is necessary
and sufficient in order that

$$f(x) \in lip(\alpha,p), \ 0 < \alpha < 1, 1 \leqslant p \leqslant \infty$$

may apply: Such a concave sequence

$$\{\Lambda_n\}$$

(with $\Delta^2 \Delta_n \leqslant 0, n = 0,1, ...$), must exist, in which

$\Lambda_n > 0, \Lambda_n \rightarrow \infty$ at $n \rightarrow \infty$ applies, so that the series

$$(\alpha_0 \Lambda_0/2) + \sum_{n=1}^{\infty} \Lambda_n (\alpha_n \cos nx + b_n \sin nx) \text{ is a FOURIER series}$$

of the function $f^*(x) \in Lip(\alpha,p)$.
In the second chapter a transformation of the FOURIER series
for the function of the LIPSCHITZ classes is investigated.
The third and last chapter deals with analogies to the
theorems by BELLMAN, HARDY, and LOO CHING-TSUN.
(No Illustrations)

CARD 2/3

KONYUSHKOV,A.A., Cand Phys-Math Sci--(diss' "Certain problems from the theory of/coefficients." Mos, 1958. 10 pp (Acad Sci USSR. Math Inst im V.A. Stoklov), 120 copies. Bibliography: p 10 (13 titles) (KL,26-58,105)

— II —

16(1)

AUTHOR: Konyushkov, A.A.   SOV/38-22-6-5/6

TITLE: On Some Function Classes I (O nekotorykh klassakh funktsiy)

PERIODICAL: Izvestiya Akademii nauk SSSR,Seriya matematicheskaya,1958,
                                  Vol 22,Nr 6, pp 841 - 870 (USSR)

ABSTRACT: The author considers classes of periodic functions with a
            certain behavior of the k-th difference norm, e.g. :
            $H_{\varphi,k,p}^{(M)}$ is the class of all functions $f \in L_p(0,2\pi)$, $1 \leqslant p < \infty$,
            and of all functions $f \in C_{2\pi}$, $p = \infty$ for which

            (1) $\dfrac{\left\| \triangle_t^{(k)} f(x) \right\|_{L_p}}{\varphi(t)} \leqslant M$, $0 < t \leqslant 2\pi$.

            Here $\varphi(t)$ is a positive function on $(0,2\pi)$ and

            (2) $\triangle_t^{(k)} f(x) = \sum\limits_{m=0}^{k} (-1)^m \binom{k}{m} f\left[x + (k-2m)t\right]$.

            If $p = \infty$, then in (1) the norm is not to be taken in L_p

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On Some Function Classes I

but in $C_{2\pi}$. $H_{\varphi,k,p}$ is the class of all functions f in L_p or $C_{2\pi}$ (as mentioned above) for which

(3) $\overline{\lim\limits_{t \to +0}} \dfrac{\| \Delta_t^{(k)} f(x) \|_{L_p}}{\varphi(t)} < \infty$.

Furthermore :

$H_{\varphi,k,p}^{\infty} = L_p(0,2\pi) \backslash H_{\varphi,k,p}$, $1 \leqslant p < \infty$ and $H_{\varphi,k,\infty}^{\infty} = C_{2\pi} \backslash H_{\varphi,k,\infty}$.
The author investigates the category and the Borel type of the introduced function sets. Five longer theorems are proved, e.g. : Theorem 1: In order that the set $H_{\varphi,k,p}^{\infty}$ be non-empty, it is necessary and sufficient that

(4) $\underline{\lim\limits_{t \to +0}} \varphi(t) = 0$

Then $H_{\varphi,k,p}^{\infty}$ is residual in L_p and $C_{2\pi}$ respectively. In order that $H_{\varphi,k,p}$ does not only consist of functions equivalent to

Card 2/ 4

On Some Function Classes I

a constant, it is necessary and sufficient that

(5) $\overline{\lim_{t \to +o}} \dfrac{t^k}{\varphi(t)} < \infty$.

The set $H_{\varphi,k,p}$ is either identical with L_p or $C_{2\pi}$ (if (4) is not satisfied) or it is a subset of the first category in L_p or $C_{2\pi}$; it is a closed subset, if (5) is not satisfied, and a subset of the type F_{σ}, but not G_{δ}, if (5) is satisfied. The second theorem brings similar statements for

$H_{\varphi,k,p} \cap H^{\infty}_{\varphi_1,k,p}$, where φ_1 is also positive in $(0,2\pi]$.

Theorem 3 : Let $\dfrac{t^k}{\varphi(t)} \to 0$ hold for $t \to +0$; in order that for an arbitrary trigonometric polynomial T it holds

Card 3/4 $\inf_T \overline{\lim_{t \to +o}} \dfrac{\left\| \Delta_t^{(k)}(f-T)(x) \right\|_{L_p}}{\varphi(t)} = 0$,

On Some Function Classes I   SOV/38-22-6-5/6

it is necessary that $\|\Delta_t^k f(x)\|_{L_p} \cdot (\varphi(t))^{-1} \to 0$ $(t \to + 0)$

holds. The two last theorems present statements of analogous
kind for two further (similar) function classes. The present
paper is similar in many points to investigations of
Tarnovski [Ref 1,2,5,6], however, the suppositions of the
author seem to be somewhat weaker.
There are 25 references, 8 of which are Soviet, 10 Polish,
3 German, 1 Hungarian, 1 Swedish, 1 English, and 1 Italian.

PRESENTED: by M.A. Lavrent'yev, Academician
SUBMITTED: October 7, 1957

Card 4/4

KONYUSHKOV, A.A. (g. Novogireyevo Moskovskoy oblasti).

Best approximations by trigonometric polynomials and Fourier coefficients. Mat. sbor. 44 no.1:53-84 Ja '58.   (MIRA 11:2)
(Approximate computation) (Polynomials)
(Fourier series)

16(1)

AUTHOR: Konyushkov,A.A.

SOV/42-14-1-14/27

TITLE: On the Convergence of Some Series of Fourier Coefficients (O skhodimosti nekotorykh ryadov iz koeffitsiyentov Fur'ye)

PERIODICAL: Uspekhi matematicheskikh nauk,1959,Vol 14,Nr 1,pp 189-196(USSR)

ABSTRACT: Let $f(x) \in \mathcal{L}_p(0,2\pi)$, $1 \leq p \leq \infty$ be a 2π-periodic function and

$$(1) \qquad f(x) \sim \frac{a_0}{2} + \sum_{n=1}^{\infty} (a_n \cos nx + b_n \sin nx)$$

its Fourier series. Let $E_n(f)_{\mathcal{L}_p}$ ($n=0,1,\ldots$) be the best approximation of f in the metric of the $\mathcal{L}_p$ by trigonometric polynomials of at most n-th order; let $\omega_k(\delta,f)_{\mathcal{L}_p}$ be the modulus of continuity of k-th order of f. Let $\{\varphi_n\}$ be a positive sequence. Let $\mathfrak{M}_{\{\varphi_n\}}^{(p)}$ be the class of all f for which $E_n(f)_{\mathcal{L}_p} = O(\varphi_n)$. Let $\mathfrak{M}_{\varphi(\delta)}^{(p,k)}$ be the class of all f for which

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On the Convergence of Some Series of Fourier   SOV/42-14-1-14/27
Coefficients

$$\omega_k(\delta, f)_{x_p} = 0\left[\varphi(\delta)\right].$$

Theorem: For the convergence of the series

(2) $\displaystyle\sum_{n=1}^{\infty} n^{\gamma}(|a_n|^{\beta} + |b_n|^{\beta}), \quad 1 \geq \beta > 0, \quad -1 \leq \gamma < \infty$

for arbitrary $f \in \mathfrak{M}_{\{\varphi_n\}}^{(p)}$ it is necessary and sufficient that

$$\sum_{n=1}^{\infty} n^{\gamma - \frac{\beta}{p'}}\left[\varphi_n^*\right]^{\beta} < \infty, \text{ if } 1 \leq p \leq 2, \quad \gamma - \frac{\beta}{p'} > -1, \quad \frac{1}{p} + \frac{1}{p'} = 1$$

and

$$\sum_{n=1}^{\infty} n^{\gamma - \frac{\beta}{2}}\left[\varphi_n^*\right]^{\beta} < \infty, \text{ if } p = \infty, \quad \gamma - \frac{\beta}{2} > -1 \ .$$

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On the Convergence of Some Series of Fourier   SOV/42-14-1-14/27
Coefficients

Here $\varphi_n^* = \min_{1 \leq m \leq n} \varphi_m$.

Theorem: Let $\varphi(\delta)$, $0 < \delta \leq \pi$ be a positive function. For the convergence of the series (2) for arbitrary f it is necessary and sufficient that

$$\sum_{n=1}^{\infty} n^{\gamma - \frac{\beta}{p'}} \left[\varphi_k^{**}(n^{-1}) \right]^\beta < \infty \quad \text{if } 1 \leq p \leq 2, \ 0 < \beta \leq 1, \ \gamma - \frac{\beta}{p'} > -1,$$

$\gamma - \frac{\beta}{p'} - k\beta < -1$

and $$\sum_{n=1}^{\infty} n^{\gamma - \frac{\beta}{2}} \left[\varphi_k^{**}(n^{-1}) \right]^\beta < \infty \quad \text{if } p = \infty, \ 0 < \beta \leq 1, \ \gamma - \frac{\beta}{2} > -1,$$

$\gamma - \frac{\beta}{2} - k\beta < -1$.

Here $\psi_k^{**}(\delta)$ is the improved majorant of the modulus of

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On the Convergence of Some Series of Fourier   SOV/42-14-1-14/27
Coefficients

continuity according to Stechkin $\lfloor$Ref 2$\rfloor$, i.e.

$$\varphi_k^{**}(\delta) = \delta^k \inf_{0<\eta\leq\delta} \left\{ \eta^{-k} \inf_{\eta\leq\xi\leq\pi} \varphi(\xi) \right\}.$$

There are 8 references, 5 of which are Soviet, 1 Polish, and 2 American.

SUBMITTED: February 20, 1957

Card 4/4

KONYUSHKOV, A.A.

Certain classes of functions. Part 2. Izv. AN SSSR. Ser. mat.
23 no.1:135-155 Ja-F '59.   (MIRA 12:1)

1. Predstavleno akademikom M.A. Lavrent'yevym.
          (Functional analysis)

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S/038/60/024/004/007/010XX
C 111/ C 333

AUTHOR: Konyushkov, A. A.

TITLE: On Differences of Higher Order for Continuous Functions

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya matematicheskaya, 1960, Vol. 24, No. 4, pp. 549-566

TEXT: Let $C([0,2\pi])$ be the Banach space of all real continuous functions f defined on $[0,2\pi]$ with the norm

$$\|f\| = \max_{0 \leq x \leq 2\pi} f(x) \quad \text{and} \quad \Delta^k_t f(x) = \sum_{j=0}^{k} (-1)^{k-j} \binom{k}{j} f(x+jt),$$

where $x + jt \in [0,2\pi]$, $j = 0,1,\ldots, k$. A set M of the space P is called residual in P, if the complement $P\setminus M$ is a set of first category in P. Let $C^2([0,2\pi]) = C([0,2\pi]) \times C([0,2\pi])$ be the space of the pairs of functions f, g, where f and g belong to C.

Theorem 1: Let $\varphi(t)$ be a positive function on $(0,2\pi]$, $\lim_{t \to 0+} \varphi(t) = 0$ and $k > 1$ natural number. Then the set $H^\infty_{\varphi,k}$ of all f $\in$ C for which it holds simultaneously

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On Differences of Higher Order for Continuous Functions

(1.2) $\lim\limits_{t \to 0+} \dfrac{\Delta_t^k f(x)}{\varphi(t)} = +\infty$,

(1.3) $\lim\limits_{t \to 0+} \dfrac{\Delta_t^k f(x)}{\varphi(t)} = -\infty$

for every $x \in [0, 2\pi)$, is residual in C.

Corollary 1: Let $\varphi(t)$ be a positive continuous function on $(0, 2\pi]$, $\lim\limits_{t \to 0+} \varphi(t) = 0$, $k > 1$ natural number. Then every function f of the residual set $\mathcal{Y}_{\varphi, k}$ of theorem 1 has the property: for arbitrary given numbers x and a, $0 \leq x < 2\pi$, $-\infty \leq a \leq +\infty$ there exists a sequence $\{t_n\}$ $(n \geq 1)$, such that $t_n > 0$, $t_n \to 0$

$\dfrac{\Delta_{t_n}^k f(x)}{\varphi(t_n)} \to a \ (n \to \infty)$.

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Corollary 2: Let $\varphi(t)$ be a positive function on $(0, 2\pi]$, $\lim\limits_{t \to 0+} \varphi(t) = 0$, $k \geq 1$ natural number. $\mathcal{M}_{\varphi,\kappa}$ denotes the set of all $f \in C$, for which for a certain $x_0 = x_0(f) \in [0, 2\pi]$ there exists the finite or infinite limit value

$\lim\limits_{t \to 0+} \dfrac{|\Delta_t^{\kappa} f(x_0)|}{\varphi(t)}$. For $k > 1$ then $\mathcal{M}_{\varphi,\kappa}$ is a set of first category in the space C.

Theorem 2: Let $\varphi(t)$ be a positive function on $(0, 2\pi]$, $\lim\limits_{t \to 0+} \varphi(t) = 0$ and $k > 1$ natural number. Then the set R of all pairs $[f, g] \in C^2$ with the following property is residual in C: To every $x \in [0, 2\pi)$ there exist four sequences $\{t_n^{(i)}\}$ $(i = 1, 2, 3, 4;\ n = 1, 2, \ldots.)$ such that $t_n^{(i)} > 0$, $t_n^{(i)} \to 0 (u \to \infty)$

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$$\frac{\Delta^k_{t^{(1)}_n}f(x)}{\varphi(t^{(1)}_n)} \to +\infty, \qquad \frac{\Delta^k_{t^{(1)}_n}g(x)}{\varphi(t^{(1)}_n)} \to +\infty, \qquad (2.1)$$

$$\frac{\Delta^k_{t^{(2)}_n}f(x)}{\varphi(t^{(2)}_n)} \to -\infty, \qquad \frac{\Delta^k_{t^{(2)}_n}g(x)}{\varphi(t^{(2)}_n)} \to -\infty, \qquad (2.2)$$

$$\frac{\Delta^k_{t^{(3)}_n}f(x)}{\varphi(t^{(3)}_n)} \to +\infty, \qquad \frac{\Delta^k_{t^{(3)}_n}g(x)}{\varphi(t^{(3)}_n)} \to -\infty, \qquad (2.3)$$

$$\frac{\Delta^k_{t^{(4)}_n}f(x)}{\varphi(t^{(4)}_n)} \to -\infty, \qquad \frac{\Delta^k_{t^{(4)}_n}g(x)}{\varphi(t^{(4)}_n)} \to +\infty. \qquad (2.4)$$

Theorem 3: The positive function $\varphi(t)$ on $(0, 2\pi]$ is assumed to be so that the finite limit value

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On Differences of Higher Order for Continuous Functions

$\lim\limits_{t \to 0+} \dfrac{t^k}{\varphi(t)} = c$ exists, where $k > 1$ is a given natural number,
where in the case $c = 0$ it is assumed that $\varphi(t)$ does not decrease,
is continuous and $\lim\limits_{t \to 0+} \varphi(t) = 0$. Then the set $\mathcal{M}$ of all pairs
$[f,g] \in c^2$ with the following property is residual in c^2 : To
arbitrary x,a and b, $0 \leqq x < 2\pi$, $-\infty \leqq a \leqq +\infty$, $-\infty \leqq b \leqq +\infty$
there exists a sequence $\{t_n\}$ $(n \leqq 1)$, such that $t_n > 0$, $t_n \to \infty$
and

$$\dfrac{\Delta^k_{t_n} f(x)}{\varphi(t_n)} \to a, \qquad \dfrac{\Delta^k_{t_n} g(x)}{\varphi(t_n)} \to b \qquad (n \to \infty) \qquad (2.6) .$$

There are 8 references: 2 Soviet, 5 Polish and 1 Czech.

PRESENTED: by A. N. Kolmogorov, Academician

SUBMITTED: June 10,1959

Card 5/5

KONYUSHKOV, A.A. (Moskva)

Transformation of trigonometric series by means of monotonous,
convex and concave sequences of factors. Mat. sbor. 51 no.1:27-72
My '60.   (MIRA 13:8)
                    (Fourier's series)

KONYUSHKOV, A.A.

Category and Borel type of certain sets of functions deter-
mined by the behavior of conjugate series. Izv. AN SSSR.
Ser. mat. 25 no.5:645-670 S-O '61.   (MIRA 14:10)
                    (Functions)

16. 4№0

AUTHOR: Konyushkov, A. A.

TITLE: Optimum approximations for transformations of the Fourier coefficients by the method of arithmetical means and Fourier series with non-negative coefficients

PERIODICAL: Sibirskiy matematicheskiy zhurnal, v. 3, no. 1, 1962, 56 - 78

TEXT: In the first section of the paper, the author investigates the connection between functions $f \in L_p$ with the Fourier series $\sum_{n=1} (a_n \cos nx + b_n \sin nx)$ and their transforms $\overline{H}f$ with the Fourier series $\sum_{n=1} \left[(n^{-1} \sum_{m=1}^{n} a_m) \cos nx + (n^{-1} \sum_{m=1}^{n} b_m) \sin nx \right]$. If there is a non-increasing sequence of positive numbers φ_n $(n = 1, 2, \ldots)$ which satisfy the condition $\sum_{m=1}^{n} m^{(1/p)-1} \varphi_m = 0(n^{1/p} \varphi_n)$, then $E_n(f)_{L_p} = 0(\varphi_n)$ implies $E_n(\overline{H}f)_{L_p} = 0(\varphi_n)$. $E_n(f)_{L_p}$ is the optimum approximation of f by trigonometric polynomials of

Card 1/2

KONYUSHKOV, A.A.

Best approximations attainable in the transformation of
Fourier coefficients by the method of the arithmetic mean,
and Fourier series with nonnegative coefficients. Sib. mat.
zhur. 3 no.1:56-78 Ja-F '62.   (MIRA 15:3)
          (Fourier transformations) (Fourier series)
                  (Approximate computation)

KONYUSHKOV, A.A.

Certain sets of sequences and functions determinable by the
behavior of Fourier series. Izv.AN SSSR.Ser.mat. 26 no.4:531-
548 Jl-Ag '62.   (MIRA 15:8)
          (Sequences (Mathematics)) (Functions, Continuous)
                        (Fourier series)

KONIUSHKOV, A.M.

SHIRIN, P.K., kandidat tekhnicheskikh nauk; KONYUSHKOV, A.M., kandidat
tekhnicheskikh nauk, redaktor; VORONIN, K.P., tekhnicheskiy redaktor

[Steel mains; organisation and laying] Magistral'nye stal'nye trubo-
provody; organisatsiia i proizvodstvo rabot. Izd. 2-oe, dop. i perer.
Moskva, Gos.izd-vo lit-ry po stroit. i arkhit., 1951. 207 p.
        (Pipelines)   (MLRA 10:9)

KARELIN, Ya.A.; ABRAMOV, V.V., inzhener, retsenzent; TOLOCHKO, M.M.,
    inzhener, retsenzent; KONYUSHKOV, A.M., redaktor

[Purifying industrial sewage of the petroleum industry] Ochistka
proizvodstvennykh stochnykh vod predpriiatii neftianoi promysh-
lennosti. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-
toplivnoi lit-ry, 1953. 295 p.   (MLRA 7:8)
        (Petroleum industry)   (Waste products)

KONYUSHKOV, A.M.

Porous plate drainage for filters. Vod. i san.tekh. no.3:37-
39 Mr '59. (MIRA 12:2)
(United States--Filters and filtration)

TUBK, V.I., dotsent, kandidat tekhnicheskikh nauk; ZANEVSKIY, M.S.,
dotsent, retsenzent; KONYUSHKOV, A.M., kandidat tekhnicheskikh
nauk, redaktor.

[Pumps and pumping stations] Nasosy i nasosnye stantsii. Moskva,
Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1953. 384 p.
    (Pumping machinery) (Pumping stations)   (MIRA 7:7)

1. KONYUSHKOV, A. M.

2. USSR (600)

4. Dams

7. Modern dam structures. Biul.stroi.tekh., 10, no. 1, 1953.

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

KONYUSHKOV, A. M.

Moscow
New research and projected solutions in the realm of water supply. Moskva, Gos.
izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 46 p. (55-15489)

TD345.M75

ZHUKOV, F.F., inzhener; KONYUSHKOV, A.M., kandidat tekhnicheskikh nauk, redaktor.

[Results of chemical cleaning and asphalt insulation of steel pipes in pilot plants] Opyt khimicheskoi ochistki i bitumnoi izoliatsii stal'nykh trub v poluzavodskikh usloviiakh. Moskva, Gos. izd-vo lit-ry po stroi-tel'stvu i arkhitekture, 1954. 59 p.   (MLRA 7:6)
        (Corrosion and anticorrosives) (Pipe, Steel)

KROTOV, I.N.; KONYUSHKOV, A.M., kandidat tekhnicheskikh nauk nauchnyy
    redaktor; GOLUBENKOVA, L.A., redaktor; TOKER, A.M., tekhnicheskiy
    redaktor

[Precision methods of calculation for water supply lines] Priemy
utochnennogo rascheta vodoprovodnykh setei. Moskva, Gos. izd-vo
lit-ry po stroitel'stvu i arkhit. 1954. 103 p.   (MLRA 8:4)
        (Water supply engineering)

KEYMAKH, L.I., inzhener; KONYUSHKOV, A.M., kandidat tekhnicheskikh nauk; nauchnyy redaktor; GOLOBKOVA, L.A., redaktor; SMOL'YAKOVA, M.V., tekhnicheskiy redaktor.

[Rapid assembly-line method of laying steel pipelines] Potochno-skorostnoe stroitel'stvo stal'nykh truboprovodov. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 170 p.(MLRA 7:11)
(Pipelines)

KARPINSKIY,A.A., kandidat tekhnicheskikh nauk; YAKOVLEV, S.V. kandidat
tekhnicheskikh nauk; KONYUSHKOV, A.M., redaktor; KONYASHINA, A.
tekhnicheskiy redaktor.

[Hydraulic calculations for a sewer system] Gidravlicheskii ras-
chet kanalizatsionnoi seti. Moskva, Izd-vo Ministerstva kommu-
nal'nogo khoziaistva RSFSR, 1955. 19 p.   (MLRA 8:8)
        (Sewer design)

KONYUSHKOV A.M.

DUBROVSKIY, V.V., redaktor; KONYUSHKOV, A.M., redaktor; BELITSKIY, A.S., redaktor; BOGOLYUBOVA, B.P., redaktor; DUBROVSKIY, V.V., redaktor; ZHUKOV, A.I., redaktor; KORPICHNIKOV, A.A., redaktor; KONYUSHOV, A.M., redaktor; KULICHIKHIN, N.I., redaktor; SIMENOV, M.P., redaktor; TURK, V.I., redaktor; TURCHINOV, V.T., redaktor; ROSSOVA,S.M., redaktor; GUROVA, O.A., tekhnicheskiy redaktor.

[Sinking, equipping and operating wells for the rural water supply; proceedings of the conference of May 18-22, 1954] Soorushenie, oborudovanie i ekspluatatsiia skvazhin dlia sel'skogo vodosnabzheniia; trudy Soveshchaniia 18-22 maia, 1954.goda. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.1955. 220 p.   (MLRA 8:11)

1. Soveshchanie po voprosam soorusheniya i oborudovaniya burovykh skvazhin dlya sel'skogo khozyaystva, 1954.
       (Wells)   (Water supply, Rural)

KON YUSHKOV, N. M.

KOZHINOV, V.F.; POPKOVICH, G.S.; KARLINSKAYA, M.I.; KUBLANOVSKIY, L.B.,
kandidat tekhnicheskikh nauk, retsenzent; KONYUSHKOV,A.M.,
kandidat tekhnicheskikh nauk, redaktor; SMIRNOV,A.P., redaktor;
PERSON, M.N., tekhnicheskiy redaktor.

[Automation in the work of water supply and sewage disposal
installations] Avtomatizatsiia raboty vodoprovodno-kanalizatsion-
nykh sooruzhenii. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i
arkhitekture, 1955. 257 p.   (MLRA 9:1)
     (Automation--Water-supply engineering)
     (Sewage--Purification)

Kenyushkel Andaly Maksimovich

KONYUSHKOV, Andrey Maksimovich; YAKOVLEV, Sergey Vasil'yevich; ABRAMOV,
N.N., doktor tekhnicheskikh nauk, professor, retsenzent; KARELIN,
Ya.A., kandidat tekhnicheskikh nauk, dotsent, retsenzent; ZANEVSKIY,
M.S., dotsent, redaktor; SMIRNOVA, A.P., redaktor; MEDVEDEV, L.Ya.,
tekhnicheskiy redaktor.

[Water supply and sewer systems]Vodosnabzhenie i kanalizatsiia.
Moskva, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955.
526 p.   (MLRA 8:12)
        (Water-supply engineering) (Sewerage)

SHABALIN, Aleksandr Federovich, kandidat tekhnicheskikh nauk; KONYUSHKOV,
A.M., redakter; NEPOMNYASHCHIY, N.Y., redakter; BEKKER, O.G., tekh-
nicheskiy redakter.

[Water supply and water removal in steel industry] Vodosnabzhenie i
vodootvedenie na predpriiatiiakh chernoi metallurgii. Moskva, Gos.
nauchno-tekh. izd-ve lit-ry po chernoi i tsvetnoi metallurgii, 1955.
611 p.   (MIRA 9:5)
      (Water supply) (Metallurgical plants)

KONYUSHKOV, A.M.

Intarnational congress on water-supply engineering. Vod. i san.tekh.
no.3:36 Je '55..   (MIRA 8:12)

1. TsIIES
        (London--Water supply engineering--Congresses)

KONYUSHKOV,A,M.

New water pumping stations in New York.   Vod. i san. tekh. no.4:
34-35 Jl'55.   (MIRA 8:12)

1.Ts IIES

(New York--Pumping stations)

KONYUSHKOV, A.M.

Pumping stations for removing water from heavy rainfall in Florida.
Ved. i san. tekh. no.5:31-32 Ag '55.   (MLRA 9:2)

1.TSentral'nyy issledovatel'skiy institut nasosnykh stantsiy.
          (Florida--Pumping stations)

KONYUSHKOV, A.M., kand. tekhn. nauk.

Certain types of water intake installations used in the United
States. Biul. stroi. tekh. 12 no.5:37-40 My '55.   (MIRA 11:12)
           (United States--Water-supply engineering)

KONYUSHKOV, A.M., kandidat tekhnicheskikh nauk, starshiy nauchnyy sotrudnik;
SOKOLINSKAYA, L.B., inzhener, redaktor; MUNITS, A.P., redaktor
izdatel'stva; GUSEVA, S.S., tekhnicheskiy redaktor

[Equipment used in western Europe to purify waste water] Soorusheniia
dlia ochistki stochnykh vod v stranakh zapadnoi Evropy. Moskva, Gos.
izd-vo lit-ry po stroit. i arkhitekture, 1956. 80 p.   (MLRA 9:9)

1. Moscow. TSentral'nyy institut informatsii po stroitel'stvu.
2. TSentral'nyy institut informatsii po stroitel'stvu (for Konyushkin)
        (Europe,Western--Sewage--Purification)

KONYUSHKOV, A.M., kandidat tekhnicheskikh nauk; SOKOLINSKAYA, L.B., inzhener, redakter; GOLUBENKOVA, L.A., redakter; TOKER, A.M., tekhnicheskiy redakter; GUSEVA, S.S., tekhnicheskiy redakter.

[Water supply for cities and towns in foreign countries] Vedosnabzhenie naselennykh punktov v zarubezhnykh stranakh. Moskva, Ges.izd-ve lit-ry po streit. i arkhitekture, 1956. 87 p.   (MLRA 9:6)

1.Moscow. Tsentral'nyy institut informatsii po streitel'stvu. 2.Star-shiy nauchnyy sotrudnik TsIINS (for Konyushkov).
                    (Water supply)

KONYUSHKOV, A.M.

New water treatment plant in Egypt [From "Water and Water Engineering" v.58, no.700, 1954]. Vod.i san.tekh. no.1:33-36 Ja '56.
(MLRA 9:5)

1. TSentral'nyy issledovatel'skiy institut nasosnoy stantsii.
(Mahalla El Kubra, El, Egypt--Water--Purification)

KONYUSHKOV, A.M.

Removing iron and manganese from water in an experimental rapid
filter in the city of Poznan. Vod. i san. tekh. no.2:36-39 F
'56.   (MIRA 9:6)

1.TsIIMS.
        (Poznan, Poland--Water--Purification)

KONYUSHKOV, A.M.

New district filtration station in Chicago. Vod.i san.tekh. no.4:
36-38 Ap '56.   (MLRA 9:8)

1. TSentral'nyy issledovatel'skiy institut nasosovoy stantsii.
              (Chicago--Water--Purification)

KONYUSHKOV, A.M.

Types of filter drains used in the U.S.A. (From "Journal of the
American Water Worker Association" no. 5, 1954). Vod.i san.
tekh. no.6:34-36 Je '56.   (MLRA 9:8)

1. TSentral'nyy institut informatsii po stroitel'stvu.
            (United States--Sewer pipe)

KONYUSHKOV, A.M.

New designs for water purification stations. Vod. i san. tekh.
no.7:1-3 Jl '56.   (MLRA 9:10)

1. TSentral'nyy institut informatsii po stroitel'stvu.
                    (Water--Purification)

KONYUSHKOV, A.M.

Reinforced concrete 108-kilometer-long pipeline in Israel.
Ved.i san.tekh.no.9:35-37 S '56.   (MIRA 9:10)

1.TSentral'nyy institut informatsii po stroitel'stvu.
          (Israel--Pipelines)

KONYUSHKOV, A.M.

Plumbing equipment for children's institutuins in the German Federal Republic. Ved. i san.tekhn. no.11:35-38 N '56.   (MIRA 10:3)

1. TSentral'nyy institut informatsii po stroitel'stvu.
          (Germany, West--Plumbing--Equipment and supplies)

KONYUSHKOV, A.M., kandidat tekhnicheskikh nauk.

Water reservoir with earthquake-proof bottom made of precast
concrete elements (From "Beton and Stahlbetonbau" no.6, 1955).
Biul.stroi.tekh. 13 no.4:31 Ap '56.   (MLRA 9:8)

1. TsIIMS.
            (California--Reservoirs)

KONYUSHKOV, A.M.

Water well equipment. Biul.strei.tekh. 13 no.7:39-44 Jl '56.
(MLRA 9:9)

1.TSentral'nyy institut informatsii po streitel'stvu.
(Wells) (Pumping machinery)

NOVIKOV, I.I., kand.iskusstvovedeniya arkh.; MANDRIKOV, A.P., kand.tekhn. nauk; SEDOV, A.P., kand.arkhitektury; KONYUSHKOV, A.M., kand.tekhn. nauk; SOKOLOV, Ye.B., kand.arkhitektury; SHATSKIY, Ye.Z., kand. tekhn.nauk; KRICHEVSKAYA, Ye.I., kand.tekhn.nauk; SHLEINA, L.A., kand.tekhn.nauk; KOVEL'MAN, I.A., kand.tekhn.nauk; AGASYAN, A.A., kand.tekhn.nauk; USENKO, V.M., kand.tekhn.nauk, nauchnyy red.; BARSKOV, I.M., izuh., nauchnyy red.; YUDINA, L.A., red.izd-va; PECHKOVSKAYA, T.V., tekhn.red.

[Building practices in the peoples' democracies. Based on reports by delegations of Soviet biulders] Opyt stroitel'stva za rubezhom; v stranakh narodnoi demokratii. Po materialam ochetov delegatsii sovetskikh spetsialistov-stroitelei. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1957. 253 p.   (MIRA 11:4)

1. Sotrudniki TSentral'nogo instituta nauchnoy informatsii po stroitel'stvu i arkhitekture Akademii stroitel'stva i arkhitektury SSSR (for Novikov, Mandrikov, Sedov, Konyushkov, Sokolov, Shatskiy, Krichevskaya, Shleina, Kovel'man, Agasyan)
        (Building)

KONYUSHKOV, A.M.

Water consumption in the United States. Vod. i san. tekh.
no.8:37-39 Ag '58.   (MIRA 11:9)
            (United States--Water consumption)

KONYUSHKOV, A.M., kand.tekhn.nauk

Precast reinforced concrete water supply and sewer structures.
Opyt stroi. no.17:3-48 '58.   (MIRA 11:12)
          (Sewerage) (Water-supply engineering)
          (Precast concrete construction)

KONYUSHKOV, A.M., kand.tekhn.nauk

Reinforced concrete pressure pipes. Opyt stroi. no.17:94-113
'58.
(MIRA 11:12)
(Water pipes)

KARELIN, Yakov Aleksandrovich; KONYUSHKOV, A.M., red.; L'VOVA, L.A.,
     vedushchiy red.; POLOSINA, A.S., tekhn.red.

     [Purification of waste waters from oil fields and petroleum
     refineries] Ochistka stochnykh vod neftianykh promyslov i
     zavodov. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-
     toplivnoi lit-ry, 1959. 343 p.   (MIRA 11:11)
                         (Petroleum waste)

KONYUSHKOV, A.M.

Precast reinforced concrete water towers in the Rumanian People's
Republic. Vod. 1 san. tekh. no.11:38-40 N '59.

(MIRA 13:3)

(Rumania—Water towers) (Precast concrete construction)

KONYUSHKOV, A.M., kand.tekhn.nauk

Modern methods of water purification for industrial and drinking
purposes. Opyt stroi. no.24:3-7 '59.   (MIRA 13:4)
          (Water—Purification)

KONYUSHKOV, A.M., kand.tekhn.nauk

Plastic pipes and sanitary engineering fittings. Opyt stroi.
no.24:8-27 '59.   (MIRA 13:5)
          (Pipe, Plastic)
          (Sanitary engineering--Equipment and supplies)

KONYUSHKOV, Andrey Maksimovich, kand.tekhn.nauk; YAKOVLEV, Sergey
Vasil'yevich, doktor tekhn.nauk. Prinimal uchastiye FEDOROVSKIY,
N.A., inzh. ABRAMOV, M.M., prof., doktor tekhn.nauk, retsenzent;
KARELIN, Ya.A., dotsent, kand.tekhn.nauk, retsenzent; ZAHEVSKIY,
M.S., dotsent, nauchnyy red.; SMIRNOVA, A.P., red.izd-va;
IL'KINA, B.M., tekhn.red.

[Water-supply and sewerage] Vodosnabzhenie i kanalizatsiia. Izd.2.,
ispr. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. ma-
terialam, 1960. 534 p.   (MIRA 13:12)
    (Water-supply engineering)   (Sewerage)

KONYUSHKOV, A.M.

      Water supply of populated places in Holland. Vod.i san.tekh.
      no.4:35-37 Ap '60.   (MIRA 13:6)
          (Netherlands--Water-supply engineering)

KONYUSHKOV, A.M.

Tunnel for pipelines under the bed of the Seine River. Vod. 1
san. tekh. no.11:36-37 N '60.   (MIRA 13:11)
          (Seine River—Tunnels)

KOZHINOV, Valer'yan Fedorovich; KONYUSHKOV, A.M., red.; KOROGODIN, A.S.,
red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Ozonization of drinking water] Ozonirovanie pit'evoi vody. Moskva,
Izd-vo M-va kommun. khoz. RSFSR, 1961. 85 p.   (MIRA 14:11)
(Water—Ozonization)

KONYUSHKOV, A.M.

Use of sewage from enterprises of the food industry in the
irrigation of farm lands. Vod. i san. tekh. no.6:38-40 Je '61.
(MIRA 14:6)

(Sewage irrigation)

KONYUSHKOV, A.M., kand.tekhn.nauk

The Priere filtration station at Geneva. Vod. i san. tekh. no.2:
34-40 F '62.   (MIRA 15:2)
                        (Geneva- Water supply)

KONYUSHKOV, A.M.

Precast tanks at the Altona water-pressure station. Vod. i san.
tekh. no.8:38-39 Ag '61.   (MIRA 14:9)
               (Altona, Germany--Tanks)
          (Precast concrete construction)

KONYUSHKOV, A.M., kand.tekhn.nauk

     The Spandau water works in West Berlin (from "Bauingeneur," no.3,
.1960). Vod.i san.tekhn. no.10:36-38 O '62.   (MIRA 15:12)
           (Berlin, West—Water—Purification)