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JPRS 9648

EEur - Czechoslovakia

161,519

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How to Prepare the Track for High-Speed Traffic,
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OTS TT-64-16026

V. F. Kubikov

Sci/Engr
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Protective Screening of Light-Current Cables
Against Dangerous Interference From Effects of
110 Kv Cables, by V. H. Ivanov, V. V. Kubikov.
UNCL

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Bacteriostatically Active Derivatives of Rhodanine,
by Witold Wieniawski, Jan Swiderski, Piotr
Kubikowski, ~~IX~~ 14 pp.

POLISH, per, Roczniki Chemi, Vol XXXII, 1958,
pp ~~545~~ 545-552.

SIA 59-15378

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Bacteriostatically Active Derivatives of Rhodanine,
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pp 545-552.

SLA 59-15378

Sci - Chem
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Probabilistic Methods in the Theory of
Numbers, by J. Kubilius.
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Amer. Mat. Soc. LC No. 63-21549

J. Kubilius

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June 66

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by I. Kubilyus.

LITHUANIAN, bk, 1959, 164 pp.

*Amer Math Soc
memo dated 16 Mar 62

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Probabilistic Methods in the Theory of Numbers,
by I. P. Kubilyus.

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~~XXXX~~ No 2(68), 1956, pp 31-66.

Amer Math Soc

Sci-Math

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Kubilyus, I. P.

CONVOLUTIONS OF ARITHMETIC FUNCTIONS AND
LIMIT THEOREMS FOR SUMS OF INDEPENDENT
RANDOM VARIABLES [Svertki Arifmeticheskikh Funtsi
i Predel'nye Teoremy dlya Summ Nezavisimyykh
Sluchainyykh Velichin]. [1961] [8]p. 5 refs.
Order from OTS or SLA \$1.10

61-16546

Trans. of Leningrad U. Vestnik (USSR) 1959 [v. 14]
no. 1 [Seriya Matematiki, Mekhaniki i Astronomii,
no. 1] p. 30-33.

DESCRIPTORS: *Functional analysis, *Probability,
Statistical functions, Number theory, Sequences, Se-
ries.

It is shown that the distribution of the values for the
arithmetic function, obtained by means of the convolu-
tion of a large number of arithmetic functions, satis-
(Mathematics, TT, v. 6, no. 9) (over)

61-16546

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Office of Technical Services

(FDD 25860)

Changes in the Electrocardiogram in the Presence of
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RUSSIAN, no per Byul Eksper Biol i Med, Vol XXVIII,
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CIA/FDD/U-7844

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Sci - Medicine, toxic

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Czechoslovak Report on Role of Analog Computers
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Developing the Efficiency and Capacity of Railroad
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the Prospective Planning Period up to 1970, by
D. Gostenfeld, H. Mobius, R. Droschler and
G. Richter, 28 pp.
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pp 42-43, 44-45, 46-48, 53-54, inside rear cover
DIA LH 318-67-A

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(DC-5965/1)

The Manufacture of Ferroalloys in the Istebne
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Kubínek, M.--
A CONTRIBUTION TO THE PROBLEM OF RUNNING
NOISE PRODUCED BY ANTI-FRICTION OR ROLLER
BEARINGS. [1961] 17p.
Order from STT \$10.00 STT-145-291

Trans. of Strojirenstvi (Czechoslovakia) 1960, v. 10,
no. 12, p. 927-932.

DESCRIPTORS: *Roller bearings, Friction, *Noise,
Production, Bearings.

(Machinery--Machine Parts, TT, v. 7, no. 4)

62-12197

I. Kubínek, M.
II. STT-145-291
III. SCIENTECH, Scientific and
Technical Translations,
Cleveland, Ohio

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Kubínova, M., Vilím, O., and Svoboda, V.
DETERMINATION OF TRACES OF WATER IN
HYDROCARBONS. Jan 62 [6]p. 4 refs.
Order from SLA \$1.10 62-20119

Trans. of [Sborník Chechoslovenskýkh Khimickýkh
Rabot] 1961, v. 26, p. 1320-1324.

DESCRIPTORS: Determination, Water, *Hydrocarbons
*Microanalysis, Hydrolysis, Titanium compounds,
Chlorides, Test equipment.

A description is given of an analytical method for the
determination of very small concentrations of water in
hydrocarbons, amounting to up to 5×10^{-4} %, which is
based on the measurement of the turbidity appearing
in the hydrolysis of titanium (IV) chloride due to the
effect of water. A description is given of the used
devices and the measuring results are statistically
processed. The method takes only a short time and
does not require any special apparatus. (Author)

62-20119

I. Kubínova, M.
II. Vilím, O.
III. Svoboda, V.

..040081

(Chemistry--Analytical, TT,
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Isoprene Determination in Reaction Mixtures,
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Cost Reduction of Steel Alloy Elements by the Use
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H. Tauscher, 11 pp.

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A Comparison of Acid and Basic Arc-Furnaces, by
Z. Kubista, Z. Euzek.

CZECH, per, Sbornik Vedeckych Praci Vysoke Skoly
Banske v Ostrave, Vol VII, No 7, 1961, pp 799-803.

BISI 2959

Sci - Engr

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Determination of Calcium in Aluminium and Aluminium
Alloys (Silumins) by Means of a Flame Photometer,
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Metabolism of Parathion in Mammals and Therapeutic Possibilities of Intoxications, by J. Kubistova and Dr. J. Teisinger, 16 pp.

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JPRS GUD 2095

Kubistova J.

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Device for Registration of Three Independent
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T. Kubisz, L. Kobylinska, 7 pp.

POLISH, per, Acta Physiologica Polonica,
Vol XIV, No 3, 1963.

OTS 63-11407/3
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No 2657 -- Promotions of Army Officers, by
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ID 2051788

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of 4 Dec 1956,
Decree No 40,491/- Regulation Establishing Air Base
Organization, by Juscelino Kubitschek, Henrique
Fleiss, 53 pp.

PORTUGUESE, per, Diario Oficial, 13 Dec 1957,
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AF 1100655

LA - ~~Exotic~~ Brazil
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May 57

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Decree No 41,186 -- The Organization of the
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Reading of Hard p.v.a. Sheets With Clipboard
and Pencilboard, by C. Edinsky.
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Calculation of Strength of Roofs of Open-Hearth
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(no number given)

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Scientific - Engineering, Cements

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Solution of the Eigenvalue Problem for an
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RUSSIAN, per, Trudy Matemat Institute Steklov,
Vol LXVI, 1962, pp 113-135.

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Application of the Triangular Power Method and of
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Computational Methods for the Solution of a
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Complex Automation of Parts of the Oil Industry, by
L. B. Kublanovskiy.

RUSSIAN, rpt, Kublanovskiy's Automation and Remote
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Sci-Tech Press, 1958, pp 198-202.

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Remote Control in Oil Production; Moscow, State
Sci-Tech Press, 1958.

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On Some Algorithms for the Solution of the Whole
Problem of Eigenvalues, by V. N. Kublanovskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 1,
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Kublanovskaya, V. N. and Smirnova, T. N.
 ZERES OF HANKEL FUNCTIONS AND SOME RE-
 LATED FUNCTIONS, tr. by Morris D. Friedman.
 Oct 60 [6]p. AFRL-TN-60-1124; K-221.
 Order from LC or SLA m\$1.80, ph\$1.80 61-15073

Trans. of [Akademiya Nauk SSSR]. Mat[ematicheskiy]
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9090274

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- V. Contract AF 19(604)5969
- VI. Air Force Cambridge
 Research Labs., Bedford,
 Mass.
- VII. Friedman, Morris D.,
 Inc., West Newton, Mass.

Office of Technical Services

(Mathematics, TT, v. 5, no. 2)

Klystron Generator, Pulse Instrument UIP-4k for the
Determination of the Homogeneity of the Surge
Impedence in a Coaxial Cable, by Ya. S. Kublanovskiy,
G. V. Dem'yanchenko, 16 pp.

RUSSIAN, bk, Peredovoy Nauchno-~~Tek~~ Tekhnicheskii i
Proizvodstvennyi Opyt, Tema 36, No P-58-36/9,
pp 3-15.

OTS 60-51106
PL-480

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PST 408

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Kubler, Hans.
SHRINKAGE AND SWELLING OF WOOD BY COLD-
NESS (Schwinden und Quellen des Holzes durch Kalte).
[1963] 15p 14refs
Order from SLA \$1.60

63-18523

Trans. of Holz als Roh- und Werkstoff (West Germany)
1962, v. 20, no. 9, p. 364-368.

DESCRIPTORS: *Wood, Deformation, Water, Freezing,
Hysteresis, Ice, Crystals.

Small beechwood samples (*Fagus silvatica*) of different
moisture content were cooled down and heated again to
get information about corresponding dimensional
changes in wood below the freezing-point of water.
Apart from small thermal contractions and expansions,
considerable length changes occurred. They were ap-
parently caused by water freezing out of the cell walls
to ice crystals in the cell cavities. Coldness shrinkage
(Materials--Wood, TT, v. 10, no. 11) (over)

63-18523

1. Title: Beech
1. Kubler, H.

0000076

Office of Technical Services

Studies on the Movement of Moisture Through
Wood, by H. Kubler.

GERMAN, per, Holz als Roh- und Werkstoff,
Vol XV, No 11, 1957, pp 453-468.

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Apr 62

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Origin of Growth Stresses and Stresses in Transverse
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Wachstumsspannungen und die Spannungen quer zur
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North Carolina State College

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Wood Drying in Hot Tar Oil and the Determination
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Drying, by R. Keylwerth, H. Kubler.

GERMAN

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Scientific - Physics .

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Longitudinal Stresses, by Hans Kubler, 35 pp.

GERMAN, per, Holz als Roh und Werkstoff,
Vol XVII, No 2, 1959, pp 44-54.

OTS 60-16493

Sci

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30 Mar 62

61-20488

Kübler, Hans.
ORIGIN OF GROWTH STRESSES AND STRESSES IN
TRANSVERSE DIRECTION [PT. 1] (Die Ursache der
Wachstumsspannungen und die Spannungen Quer zur
Faserrichtung). [1961] [30]p. (refs. 11 figs. omitted).
Order from SLA \$2.60 61-20488

I. Kübler, H.

Trans. of Holz als Roh- und Werkstoff (West Germany)
1959, v. 17 [no. 1] p. 1-9.
Another trans. is available from SLA mi\$2.70, ph\$4.80
as 60-16492 [1960] [26]p.

DESCRIPTORS: *Trees, Growth, Stresses, History,
Deformation, Tensile properties.

A theoretical transverse stress state in tree stems is
mathematically derived by the assumption that the cir-
cumferential stress of the growing young wood is con-
stant; measured strains agree nearly with the theoret-
ical equations. (Author)

184276

(Materials--Wood, TT, v. 7, no
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Infrared Investigations of Isotopic Nitro-
gen Compounds, Part I. The Location of
the Valence Frequency of the -N-N Double
Bond, by R. Kubler, W. Luttke, et al,
17 pp.

GERMAN, per, Z. fuer Elektrochemie, Vol
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AEC Tr-5283

Sci - Phys
Oct 62

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Separation of Anions on Alumina, by H. Kubli.
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1947, pp 453-463.
NAC

110

H. Kubli

Sci - Nuclear Science
Jun 67

Sintered Filters From Refractory Compounds, by 39
V. M. Sleptsov, S. A. Kubli.
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No 6, 1963, pp 54-56.
HB 6257

Sci - Mat/Met
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Care and Maintenance of Roads, by Anoldin,
Kublitskiy, Garf, 28 pp.

RUSSIAN, bks, Arkticheskiye Navigatsii, 1941;
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Economic - Transportation - Road, Arctic,
Frozen ground
Scientific - Engineering 30,721

The Effect of Surface-Active Substances on Cement
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A. V. Satalkin, M. V. Kublyanova, 8 pp.

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Mitani, Hiroshi Kubo, et al, 44 pp.

JAPANESE, per, Kaku Yugo Kenkyu, No 9, 1962,
pp 267-304. 9203652

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Apparatus for the Automatic and Continuous
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4 pp.

JAPANESE, Patent 10,579, 30 Jan 1957 filed,
Pub 11 Dec 1958.

SLA 60-14702

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Considerations sur le Retrecissement Au Frittage,
(Considerations on Contraction in Fritting), by
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Reverse trans
CEA tr X-147

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Squid Treponemiasis, by S. Kubo. 61
JAPANESE, per, Memoirs of the Faculty of
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Displacement of Lattice Interplanar Distances of
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28 pp.

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Report on Some Recent Progress in the Field of
Magnetic Investigation in Tokyo, by Ryogo Kubo, 7 pp.

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Studies on the Automatic Color Printer, by
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JAPANESE, per, Nihon Shashin Gakkai Kaishi,
Vol XXI, No 1, 1958, pp 20-23.

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Streptomyces, by Y. Harada, S. Kubo, 22 pp.

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Peculiarity of Population of Chum Salmon in the
Shirouchi River, 14 pp, by T. Kubo,

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Univ, Vol VI, No 4, 1956, pp 266-270.

SLA Tr 57-830

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Vol LV,
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Feb 1952, pp 49-51.

SIA Tr 2050

Sci - Chem

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Reactions of BaO-TiO₂ System in the Solid State,
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Sci - Chem

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1951, pp 358-361.

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The Use of a Continuous Line of Mouse Embryo Cells
(MEC-1A) for performing the colour test, by
V. I. Gavrilov, L. N. Kuborina, 6X pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 5,
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Experimental Ornithosis in Monkeys, by L. N. Kibortina,
I. I. Farskiikh, 4 pp.

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Jan 61

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A Study of a Vaccine Against Ornithosis-Psittacosis
in Experiments, by L. N. Kuborina, 5 pp.

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