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O.A. Trans 367

*K. Kampfenkel*

Sci-Elec  
Feb 70

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~~KIRKHOFF~~ Kampherstein, 4 pp.

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Nov 56 CTS

NIH 10-35  
SLA TN 1368  
40, 314

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AEC Tr 1283 1292

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A4783

Jun 52 CBS

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See DRB Canada T226

CIA-217918

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AEC Tr 1293

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A-479

Jun 52 CTS

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A Case of Isolated Injury to the Cardiac  
Conduction System by Werner Kampmann,  
7 pp.  
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Jun 1955,  
Dept of Navy Tr 5170/NMS No 1182

62

*Werner Kampmann*

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Mar 67

320,357

63-10918

I. Kamprecht, W.

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THE OPTICAL ABSORPTION OF AMORPHOUS SELENIUM WITH ADDITIONS OF TELLURIUM, ARSENIC AND BISMUTH. [1963] 6p. 9 refs.  
Order from SLA \$1.10

63-10918

Trans. of Annalen der Physik (East Germany) 1962  
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DESCRIPTORS: \*Selenium, \*Tellurium, \*Arsenic,  
\*Bismuth, \*Absorption spectrum, Infrared radiation,  
Melting, Solids.

The infrared absorption spectrum of amorphous selenium was investigated and an exponential dependence of the absorption coefficient on the energy of the incident light was established at the band edge. In addition a band situated at 9.1 microns is confirmed. The homogeneous, mixed selenium-tellurium and selenium-  
(Physics--Solid State, TT, v. 10, no. 2) (over)

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*wise Vessels*, by J.K.D. Van der Klis and J. Ramps, 4p  
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WEur - Netherlands  
Economic - Transportation DEK

*no print* *A-4784*

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W. Lehmann.

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SLA TT-66-10251

*R M. Kampechulte*

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atics and Phylogenetics, n. p., n. d., p. 39-81.

- I. Paleocology--Indonesia
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- II. ATS-06L35G
- III. Associated Technical  
Services, Inc.,  
East Orange, N. J.

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(Earth Sciences--Geology, TT, v. 5, no. 3)

Causes of Seasonal and Annual Variations in the  
Density of Cod and Haddock Schools in the Barents  
Sea, by M. M. Kamshilov, N. V. Mironova, 5 pp.  
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PL-480

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by M. M. Kamshilov, et al, 310 pp.

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JPRS 5471

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*Zakonomenosti skoplennii i migratsii yasnnykh s/vykh ryb v priberezhschi zone Murmana,*

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SA 24 502 No. 362*

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*NLL 173476*

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Inter-Relationships Between Organisms and  
the Part They Play in Evolution, by M. M.  
Kanshilov.

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M. M. Kamshilov.

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AN SSSR, No 1, 1957, pp 84-89.

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**KANYANI, N.**

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Mixed Problem for a Parabolic Equation, by L. I.  
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Address-Modification Block in Programme PP-2, by  
S. S. Kamynin, 8 pp.

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pp 178-181.

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*170, 276*

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M. R. Shura-Bura, 43 pp.

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No 5, 1963, pp 1210-1213.

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Vol IV, No 3

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The Solution of the First Boundary Problem in the  
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The Stability of Parabolic Differences Equations  
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MLL M. 3540

Sci - Engr  
Jun 62

201, 036

(DC-6558)

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Atomic Icebreaker, by A. I. Burnazyan, S. M.  
Gorodinakiy, I. D. Nanyahenko, et al, 10 pp.

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pp 11-14.

JPRS 12183

Sci - Nuc Phys  
Feb 62

182,370

Kamyshnaya, M. S.

ON THE BIOLOGY OF THE HYBRID BETWEEN  
CHUM AND PINK SALMON: ONCORHYNCHUS KETA  
(WALBAUM), INFRAS. AUTUMNALIS BERG × O.  
GORBUSCHA (WALBAUM) --- FAMILY SALMONIDAE  
(O Biologii Gibrda Kety i Gorbushi Oncorhynchus keta  
(Walbaum), Infrasp. Autumnalis Berg × O. Gorbuscha  
(Walbaum) Sem. Salmonidae) tr. by R. E. Foerster.  
1962 [4]p. (fig. omitted) 3 refs. FRBC Trans. Series  
no. 403.

Order from NRCC

NRCC C-4446

Trans. of Nauchnye Doklady Vysshei Shkoly. Biologi-  
cheskie Nauki (USSR) 1961, no. 4, p. 29-33.

DESCRIPTORS: \*Salmonidae, \*Fishes, \*Growth,  
\*Anatomy, Morphology.

(Biological Sciences--Zoology, TT, v. 10, no. 6)

63-17853

- I. Kamyshnaya, M. S.
- II. FRBC Trans-403
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444661

Office of Technical Services



Salt Dome Uplifts of the Southeast Kara-Kum and Age  
of the Sediments Composing Them, by N. E. Aysberg,  
N. N. Karyshev.

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1960.

REQ

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Jan 62

232,934

(DC-4303)

Republic Conference ~~SM~~ of Health Workers, by  
~~XXXXXXXXXXXX~~ G. Klebanov, S. Kamyshnikov, 13 pp.

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Vol VI, No 6, 1960, pp 17-26.

JPRS 6517

Sci - Med

Jan 61

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Kamyshko, I. A.

A TWO-SIDED EVALUATION OF CRITICAL FORCES  
(O Dvustoronnei Otsenke Kriticheskikh Sil) tr. by  
J. W. Palmer. Dec 60 [11p] Brefs RAE Library  
Trans. no. 925; AD-251 065.  
Order from OTS, SLA, or ETC \$1.60 TT-63-24315

Trans. of Inzhenerno-Stroitel'nyi Institut, Leningrad.  
Nauch[nye] Tr[udy] (USSR) 1956, v. 23, p. 183-189.  
(Abstract available)

DESCRIPTORS: \*Beams (Structural), Mathematical  
analysis, Structures, Green's function, \*Loading  
(Mechanics), Vibration, Rods, Integral equations,  
Differential equations,

Starting from the well-known fact that the Rayleigh-  
Ritz and Galerkin methods of estimating the critical  
end load of a strut overestimate the load, and the  
(Mechanics, TT, v. 11, no. 5) (over)

TT-63-24315

I. Kamyshko, I. A.  
II. RAE Trans-925  
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Establishment (Gt. Brit.)

Office of Technical Services

Two-Sided Evaluation of Critical Forces, by  
I. A. Hamyshko,

RUSSIAN, per, Nauchnye Trudy Leningrad Inzhenerno-  
Stroitel Inst, No 23, 1956, pp 183-189.

ERDL, Ft Belvoir  
T-1262

Sci  
Jun 61

RAE 925 157, 991

On the Biology of Chums and Pink Salmon  
Hybrids, by M.S. Kamyakova.

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Biolog Nauki, No 4, pp 29-33. 1961

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Nanaimo, B. C.  
Tr No 403

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Feb 63

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S-224/60

(DC-3623).

The Second Congress of Therapists of the Belorussian  
SSR, by S. Kamyshnikov, G. Klebanov, M. Piletskiy,  
13 pp.

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No 1, 1960, pp 62-68.

JPRS 3490

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Jul 60

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of Ammonia Catalysts, by V. P. Kamzolkin and  
V. D. Livshits, 18 pp.

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Sci

Aug 58

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Composition of Alcohols Formed by Liquid  
Phase Oxidation of n-Paraffinic Hydrocarbons,  
BY A. N. Beshkrov, V. V. Kamzolkin, 4 pp.

RUSSIAN, *pub*, Dok Ak Nauk SSSR, Vol CXIX  
No 4, 1958, pp 705-707.

ATS-7494R

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Vol IV, No 11  
Jun 62

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Kamyshnikov, S., Klebanov, G., and Piletskiy, M.  
CONGRESS OF THERAPISTS OF THE BELO-  
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JPRS: 3490.

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- I. Kamyshnikov, S.
- II. Klebanov, G.
- III. Piletskiy, M.
- IV. JPRS-3490
- V. Joint Publications Research  
Service, Washington,  
D. C.

Office of Technical Services

The Poisoning Action of Water Vapor on  
Iron Catalysts for the Synthesis of Am-  
monia, by V. B. Kamsolkin and V. D. Liv-  
shits, 12 pp.

RUSSIAN, per, Zhur Khim Prom, Vol XIV, 1937,  
pp 244-249.

SLA R-2419

Sci

Aug 58

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Poisoning of Ammonia Catalysts by Hydrogen Sulfide  
and Phosphine, by V. P. Kamzolkin, A. V.  
Avdeev.

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32-35.

SLA R-3018

Sci

Jul 59

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THE POISONING ACTION OF OIL ON THE ACTIVITY  
OF AMMONIA CATALYSTS. [1963] 13p (figs  
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Trans. of [Khimicheskaya Promyshlennost'] (USSR)  
1937, v. 14, no. 17/18, p. 1225-1229.  
Another trans. in Dutch is available from OTS or ETC  
\$1.85 as TT-61-17947, MTWL-311, 17p.

(Chemistry--Physical, TT, v. 11, no. 11)

TT-64-10739

I. Kamzolkin, V. P.  
II. Livshits, V. D.

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TT-64-10740

Kamzolkin, V. P., Livshits, V. D., and  
Kozhenov, K. T.  
ON THE REDUCTION OF A CATALYST FOR THE  
SYNTHESIS OF AMMONIA: EXPERIMENT IN OP-  
ERATING TOWER NO. 5 AT THE BAREZNIKOVSKY  
CHEMICAL COMBINE. [1963] 6p (figs omitted)  
Order from OTS, SLA, or ETC \$1.10 TT-64-10740

Trans. of [Khimicheskaya Promyshlennost'] (USSR)  
1935 [v. 12] no. 7, p. 687-690.

I. Kamzolkin, V. P.  
II. Livshits, V. D.  
III. Kozhenov, K. T.  
IV. Title: Experiment...

85348

(Chemistry--Physical, TT, v. 11, no. 11)

Office of Technical Services

Obtaining Ammonium Sulfate from Phosphogypsum, by  
S. I. Volynovich, V. P. Kazalkin, A. Sokolovskiy,  
60 pp.

RUSSIAN, per, Trans Sci Inst Fertilizers Moscow, No  
64. 1922, pp 5-61.

SLA R-2859

Sci

Jul 59

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TT-64-10786

Kamzolkin, V. V., Raahkirov, A. N., Sokova, K. M.  
and others.

CONVERSIONS OF HIGHER ALIPHATIC ALCOHOLS  
IN THEIR LIQUID-PHASE OXIDATION. [1963] 14p  
29 refs

Order from OTS, SLA, or ETC \$1.60 TT-64-10786

Trans. of Neftekhimiya (USSR) 1961, v. 1 [no. 5]  
p. 675-682. (Abstract available)

DESCRIPTORS: \*Alcohols, \*Oxidation, Molecular  
structure, \*Esters, \*Ketones, Synthesis (Chemistry),

It was established that during liquid-phase oxidation of  
higher n-aliphatic alcohols oxidation reactions occur  
also in the alkyl-part of molecule with formation of  
bifunctional compounds, the portion of which in reac-  
tion products varies as function of OH-group position in  
the molecule. This portion drops with OH-group dis-  
placement from end of chain toward middle of chain.  
(Chemistry--Organic, TT, v. 11, no. 9) (over)

I. Kamzolkin, V. V.  
II. Raahkirov, A. N.  
III. Sokova, K. M.

Office of Technical Services

Synthesis of Higher Ketones by Liquid-Phase Oxidation  
of Secondary Alcohols, by A. N. Bashkirov, M. M.  
Potarin, V. V. Kamzolkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 1,  
pp 93-96.

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Sci  
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Synthesis of Higher Ketones by Oxidation of Paraffinic Hydrocarbons, by V. V. Kemsolkin, A. N. Bashkurov, M. M. Potarin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 6, 1959, pp 1286-1288.

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On the Composition of the Ketones Formed During  
the Liquid-Phase Oxidation of n-Paraffinic Hydro-  
carbons, by V. V. Kamzolkin, A. N. Bashkirov, K. M.  
Sokova, T. P. Andreyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 5, 1959, pp 956-959.

CB

Sci - Chem  
Sep 60

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63-20215

Kamzolkin, V. V., Bashkurov, A. N., and Lodzik,  
S. A.  
COMPOSITION OF THE ALCOHOLS PRODUCED BY  
DIRECT OXIDATION OF PARAFFIN HYDROCARBONS  
UNDER INDUSTRIAL CONDITIONS. [1963] [12p]  
6refs  
Order from OTS or SLA \$1.60 63-20215

I. Kamzolkin, V. V.  
II. Bashkurov, A. N.  
III. Lodzik, S. A.

Trans. of Neftekhimiya (USSR) 1961, v. 1 [no. 2]  
p. 260-266.

000004

DESCRIPTORS: \*Hydrocarbons, Oxidation, \*Alcohols,  
Acetates, Glycols, Separation, Chromatographic analy-  
sis, Ketones, Industrial research.

It was shown, that alcohols and their acetates can be  
separated from glycols and their acetates by the method  
of chromatography on silica-gel. Application of the  
method to the investigation or composition of the in-  
dustrial alcohols, industrially produced by direct oxida-  
(Engineering--Chemical, TT, v. 10, no. 11) (over)

Office of Technical Services

Contribution to the Problem of the Liquid-Phase  
Oxidation of Paraffinic Hydrocarbons, by A. N.  
Bashkirov, V. V. Kamzolkin, K. M. Sokova, T. P.  
Andreyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,  
Number 1, 1958, pp 149-.

Consultants Bureau

Sci - Chem

Jun 59

88,660

Synthesis of Ethanol From Carbon Dioxide and Hydrogen, by A. N. Bashkirov, V. V. Kamzolkin, 4 pp.

RUSSIAN, per, Dok, Ak Nauk SSSR, Vol CIVIII, No 2, 1958, pp 293-296.

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Sci - Chem

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The Catalytic Activity of Some Natural Siliceous Minerals and Particularly of Kieselguhr, Used as a Catalyst in the Synthesis of Hydrocarbons From Carbon Monoxide and Hydrogen, by A. N. Bashkirov, F. I. Novak, S. M. Loktev, V. V. Kanzolkin, 6 pp.

RUSSIAN, no per, Khim i Tekh Topliva, No 3, 1956, pp 38-43, Encl to IR-1906-56, AFOIII-1A1.

AF 1068459 43, 44, 6

Sci - Fuels  
Feb 1957 CTS/dex

In the Role of Oxygen-Containing Compounds in the  
Synthesis of Hydrocarbons From Carbon Monoxide and  
Hydrogen, by Yu. B. Kagan, Y. B. Kryukov, D. V.  
Kamszolkyina, A. N. Bashkyrov, 28 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 4, 1952, pp 4 649-657.

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Some Features of the Decomposition Reaction of  
Carbon Monoxide Into C and CO<sub>2</sub> in the Presence  
of Fused-Iron ~~Enzymes~~ Catalysts, by A. N.  
Bashkirtov, E. V. Kamzolkina, Yu. B. Kagen, 24 pp.

RUSSIAN, per, Trudy Inst Neft, Ak Nauk SSSR,  
No 12, 1958, pp 213-227. 9097053

AEC NP Tr-832

Sci - Chem  
Apr 62

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The Activation of Fused Iron Fischer-Tropsch Catalysts Under the Influence of the Reaction Mixture, by Yu. B. Kagan, A. H. Bashkurov, E. V. Kamzolkina, et al, 7 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I, No 3, 1960, pp 393-400.

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Sci  
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Reaction Kinetics of Carbon Monoxide in the Presence  
of Iron Catalysts, by Yu. B. Kagan, A. N. Bashkirov,  
E. V. Kamzolkina, A. Ya. Rozovskiy, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 12,  
1959, pp 2706-2711.

Cleaver-Hume Press

Sci

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