

Tarasova, E. N.

Content of Organic Matter in Seston.

AKADEMIYA NAUK SSSR. SIBIRSKOE OTDELENIE.

LIMNOLOGICHESKII INSTITUT. TRUDY, No 32,

pp 81-86, 1971.

NTC 73-10663-08H

may 73

Verbolov, V. I.

On Current and Water-temperature Variability.
AKADEMIYA NAUK SSSR. SIBIRSKOE OTDELENIE.
LIMNOLOGICHESKII INSTITUT. TRUDY, No 32,
pp 15-28, 1971.
NTC 73-10588-08H

may 73

Bekman, M. Yu.

Connection Between the Distribution of the
Benthos and Organic Matter in Sediments.
AKADEMIYA NAUK SSSR. SIBIRSKOE OTDELENIE.
LIMNOLOGICHESKII INSTITUT. TRUDY, No 32,
pp 127-132, 1971.
NTC 73-10402-08H

may 73

Eggert, M. B.

Plankton infusoria

AKADEMIYA NAUK SSSR. SIBIRSKOE OTDELENIE. LIMNOLOGICHE-
SKII INSTITUT. TRUDY, v. 12, 1971, pp/ 201-223.

NTC 73-12807-09H

MLL REC 7435

Smirnov, M.V.

Electrical Conductivity of Salt Melts in
a LiCl-BaCl_2 System

AN SSSR URAL'SKIY FINAL TRUDY INSTITUTA
ELEKTRKHINIY ISS 12, 1969, pp 33-36

ACSI-K-2416

FSTC-HT-23-2006-72

SAKHAYEVA, N.I.
//TR. INST. YAD. FIZ. AKAD. NAUK KAZ. SSSR//
--/--/1971,V----,N0012
Changes in Interdiffusion Parameters of Copper
and Nickel in Relation to the Degree of Preliminary
Plastic Deformation,
pp 65-69, *NTIS-TT-74-58020@@

RULEV, B. G.

//TRUDY AKADEMIYA NAUK SSSR VOPROSY INZHENERNOY
SEISMOLOGIY. INSTITUT FIZIKI ZEMLI//

---/---/1971, V---, N0014,

*Seismic waves from underground explosions of
concentrated charges, 21 pp,*

pp 179-192, AIR/FTD-MT-24-1604-74##

Mass-Production Model of Automatic RDV-1 Photo-
meter for Measuring and Recording Atmospheric
Transparency, By Goryshin, V. I.
AKTINOMETRIYA ATMOSFERNAYA OPTIKA I OZONOMETRI-
YA (GLAVNOYE UPRAVLENIYE GIDROMETEOROLOGICHES-
KOY SLUZHBY PRI SOVETE MINISTROV SSSR - ORDENA
TRUDOVOGO KRASNOGO ZNAMENI GLAVNAYA GEOFIZI-
CHESKAYA OBSERVATORIYA - TRUDY, No. 213, 1968,
pp. 48-58.

FSTC-HT-23-1062-72

SIDORENKO, G.I.

//TRUDY AKTUAL'NIYE VOPROSY GIGIYENY//

--/--/1970, V----, N----,

*Certain questions of hygienic standardisation
of atmospheric air pollution, 17 pp,*

pp 21-33, AIR/FTD-MT-24-1318-74##

VERTICAL STRUCTURE OF SUMMER FOGS IN THE DIKS
ON ISLAND AREA

VORONTSOV. P.. LANGUAGE-RU COUNTRY-UR

TRUD. ARKT. I ANARKT. NAUCH.-ISSLED. INST., 2
28. 81. 1959. 87-99

ESIC-HT-25-0363-74

USE OF KAZAKHSTAN NONFERROUS METALLURGICAL SL
AGS FOR THE PRODUCTION OF SLAG GLA

MORKONREKOV, Y LANGUAGE-RU COUNTRY-UR

TR. ALMA-AT. NAUCH.-ISSLED. PROERT. INST. STR
OIT.MATER. 1969 PP 311-18

FSTC-HT-23-1383-73

Ice Forecasting Techniques for Arctic Sea.
TRUDY OF THE ARCTIC AND ANTARTIC INSTITUTE
No.292, 1970, 220pp.
*NTIS TT 74-53003

Investigations of the Physical Nature of the Icing
of Vessels. Trudy of the Arctic and Antarctic, No.298
Trudy Arkticheskogo I Antarkticheskogo. 1972. 178pp.
*NTIS-TT-73-58014

Apr 73

Meteorological Conditions in the Arctic during the IGY
and IGC. Trudy of the Arctic and Antarctic, No.266.
Trudy Arkticheskogo I Antarkticheskogo, 1964. 164pp.
*NTIS-TT-73-58015

Apr 73

COMPARATIVE CHARACTERISTICS OF THE MAIN TYPES
OF CLIMATIC CLOTHING OF VOSTOK PE

MAKAROV, N. I. LANGUAGE-RU COUNTRY-UR

TRUDY L. ARKTICH. I ANTARKT. NAUCHNO-ISSLED.
INST., VOL 299, '71, 231-35

FSTC-HT-23-0764-74

MORETSKIY, V. N.

//TRUDY ARKTICHESKII I ANTARKTICHESKII NAUCHNO-
ISSLEDOVATELSKII INSTITUT//

--/--/1972, V0306, N-----, pp 0024-0029

On pressure variability in the northern
hemisphere and its connection with processes
in the ocean

NTC 74-13751-04A

##

BELYAZO, V. A.
//TRUDY ARKTICHESKII I ANTARKTICHESKII
NAUCHNO-ISSLEDOVATELSKII INSTITUT//
--/--/1972, V0313, N----, pp 0209-0224
Sub-annual frequency of forms of atmospheric
circulation and the fluctuation in mean monthly
pressure with the phases of the 22-year cycle
NTC 74-13750-04A
#

Byatnenkov, B. A.

Effect of albedo on incoming total radiation
in the arctic.

ARKTICHESKII I ANTARKTICHESKII NAUCHNO-
ISSLEDOVATELSKII INSTITUT. LENINGRAD. TRUDY.

Vol. 217, 1959, p.157-173

NRC C-11390

Geneidi, G.S.

Some Biochemical Properties of Cultivars
and Hybrids of Onion (*Allium cepa*L.) in
Connection with Heterosis. Sborn.

TRUDY ASPIRANT. MOLOD. NAUCH. SOTRUD. VSES.

AKAD. SEL'SKHOZ. REC. WK. GRAD. JUN. SCI.

ALL-UN. Lenin Acad. Agric. Sci., Vol.16,
pp.417-425, 1970.

*NTIS TT 74-53379

Vishnevetskii, F.E.

1961
Pathomorphology of fishes poisoned with phenol and water-soluble components of crude oil, coal tar and mazut (An experimental study) (Patomorfologiya otravleniia ryb fenolom i vodnorastvorimymi komponentami syroi nefti, kamennol'noi smoly i mazuta (Eksperimental'noe issledovanie) Trudy Astrakhanskogo gosudarstvennogo zapovednika, 5. Astrakhan', 394p.: 350-352. In Russian.

Transl. by IPST for NMFS, Aug. 1973, 3p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. MR

Livshits, G. Sh.

Scattering of Light in the Atmosphere, Part 1
206 pp

TRUDY ASTROFIZICHESKOGO INSTITUTA
KAZAKHISTAN SSR ACADEMY OF SCIENCES Vol 6, 1965

FSTC-IIT-23-230-73

SCATTERING AND ABSORPTION OF LIGHT IN THE ATMOSPHERE

SEE ARTICLES LANGUAGE-RU COUNTRY-UR

RASSEYANIYE I POGLOSHCHENIYE SVETA V ATMOSFERE

TRUDY ASTROFIZ. INST. NO 18 1971 AKAD. NAUK KAZAKHISKOGO SSR

FSTC-HT-23-1283-73

Gavrilov, I.V.

On the Position of the Center of Mass in the
Body of the Moon

TRUDY 18-y ASTROMETRICHESKOY KONFERENTSII SSSR,
PULKOVO, 1969 pp 287-292

*DMAAC - 14 Feb 74

Polyakhova, Ye. N.

*Determination of the perturbing moments due to solar
radiation pressure forces acting on a body of
revolution. 17 pp.*

*TR. ASTRON. OBSERV. (LENINGRAD), Vol 29, 1973,
pp 152-163*

NASA TT F 15072

Timoshkova, Ye. I.

Perturbation of a nearly-circular orbit. 19 pp.

TR. ASTRON. OBSERV. (LENINGRAD), Vol 29, 1973,

pp 163-176

NASA TT F 15073

Gromov, S. V.

On the problem of photogrammetric refraction. 13 pp
TR. ASTRON. OBSERV. (LENINGRAD), Vol 29, 1973,
pp 207-214
NASA TT F 15074

Skorniakov, V.I.

Fish of the sparidae family and prospects of fishing
them near the west coast of Africa (Ryby semeistva
sparovykh (Sparidae) i perspektivy ikh promysla u zapadnogo
poberezh'ia Afriki) 1963
Trudy Atlanticheskogo nauchno-issledovatel'skogo instituta
rybnogo khoziaistva i okeanografii (AtlantNIRO), (10).
Kalinigrad, 373p.: 117-123. In Russian.

Transl. by Lydia A. Hutchison for U. of California, 1973,
19p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked. *MS*

Overko, S.M.

1964

Biology and fishing of sea near the northwestern shores
of Africa (O biologii i promysle stavridy u severo-zapadnogo
poberezh'ia Afriki)

Promyslovye issledovaniia v tropicheskoi zone Atlanticheskogo
okeana, (Trudy Atlanticheskogo nauchno-issledovatel'skogo
instituta morskogo rybnogo khoziaistva i okeanografii
(AtlantNIRO), (11), Kaliningrad, 104p.: 45-64. In Russian.

Transl. by Lydia A. Hutchison for U. of California, 1973.
39p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Konstantinov, K.G.

1970

The current state and anticipated changes in the raw material base of trawling in Northwest Atlantic (Sovremennoe sostoianie i ozhidaemye izmeneniia syr'evoi bazy tralovogo promysla v Severo-Zapadnoi Atlantike). Sovremennoe sostoianie biologicheskoi produktivnosti i syr'evykh biologicheskikh resursov mirovogo okeana i perspektivy ikh ispol'zovaniia, Trudy Atlanticheskogo nauchno-issledovatel'skogo instituta rybnogo khoziaistva i okeanografii (AtlantNIRO), Kaliningrad, 271p.: 7-15. In Russian.

Original Article Checked MR

Ernskov, Yu.K.

Abundance of the Pacific hake and outlook for its fishery
(Chislennost' i perspektivy promysla tikhookeanskogo kheka)
1970
Sovremennoe sostoyanie biologicheskoy produktivnosti i
syr'evykh biologicheskikh resursov mirovogo okeana i
perspektivy ikh ispol'zovaniya. Trudy Atlanticheskogo
nauchno-issledovatel'skogo instituta rybnogo khozaystva i
okeanografii (AtlantNIRO), Kaliningrad, 27p.: 131-133.
in Russian.

Transl. by L. Vlymen, edited by W. Klawe, for NMFS S.W.
Fish. Center, La Jolla, Calif., 1973, 7p. typescript.
145

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *AK*

Pervushin, A.S., and A.S. Samoylov
 Influence of hydrologic conditions on plankton distribution
 in Antarctic (Grozet Islands area) (Vliyanie gidrologicheskikh
 usloviy na raspredeleniye planktona v Antarktike (raion
 Grozetovykh ostrovov))
 Kto iuzhnogo polushariya (biologiya i morfologiya [V.A.
 Zausari, editor], seriya Atlanticheskogo nauchno-issledovatel'-
 skogo Instituta rybnoy khozyaystva i okeanografii
 (Atlant 1977), (29), Leningrad, 274p.: 170-184. In Russian.
~~*REF ID: A6655~~

Original Article Checked KT

Iatogurskii, V.I. 1971
Biology of Euphasia superba in the Scotia Sea (C. biologia)
Euphasia superba Dana (Mollusca: Scaphopoda)
Kil' Luznogo polushariia (biologiya i morfologiya) (V.A.
Zemskii, editor). Tрудy Atlanticheskogo nauchno-issledovatel'skogo
institute rybnogo khozjajstva i okeanografii (Atlant-
BIO), (29). Leningrad, 234p.: 185-192. In Russian.

* NTIS - TT-74-50065

Original Article Checked *[initials]*

Sokolov, V.E., and N.S. Stepanov 1971
Experiment in radio-tracking of fur seals: method of
radio tracking animals (opyt radioprosledzheniya morskikh
kotikov
issledovaniya morskikh mlekopitayushchikh, Trudy
Atlanticheskogo nauchno-issledovatel'skogo instituta rybnogo
khoziaistva i okeanografii (Atlantic Research Institute of Fisheries,
editor), (39), Leningrad, 44p.: 15-16. In Russian.
Transl. for NW Fish. Dir., Seattle, 1974, 13p., typescript.
Avail. on loan - NMFS, Wash., D.C.


Original Article Checked KT

1970
Solov'ev, B.S., and B.N. Kus'min
Some biological aspects of Indian Ocean tuna (Nekotorye
voprosy biologii tuntsov Indijskogo okeana)
Sovremennoe sostoianie biologicheskoi produktivnosti i
syr'evykh biologicheskikh resursov mirovogo okeana i
perspektivy ikh ispol'zovaniia, Trudy Atlanticheskogo
nauchno-issledovatel'skogo instituta rybnogo khoziaistva i
okeanografii (AtlantNIRO), Kaliningrad, 271p.: 230-238.
In Russian.

Original Article Checked. *AK*

Zharov, V.L.

1970
Some biological indicators of the stability of commercial
accumulations of tuna (O nekotorykh biologicheskikh
pokazateliakh stabil'nosti promyslovyykh skopleniy tuntsov)
Sovremennoe sostoyanie biologicheskoy produktivnosti i
syr'evykh biologicheskikh resursov mirovogo okeana i
perspektivy ikh ispol'zovaniya, Trudy Atlanticheskogo
nauchno-issledovatel'skogo instituta rybnogo khozyaystva i
okeanografii (AtlantNIRO), Kaliningrad, 271p.: 239-243.
In Russian.

Original Article Checked 

UNKNOWN
//TRUDY ATLANT NIRO//
--/--/1970,V----,N0029, pp 0003-0016,
also 0017-0033,
2 items from "Whales of the Southern
Hemisphere,
*NTIS-TT-74-50072##

TRUDY ATLANT/NIRO No 32, 1971

pp 3-22
23-33

*NTIS-TT-73-50033

Korotkov, V.K. 1971
Some results of underwater observations from submersibles
(Nekotorye rezul'taty podvodnykh nablyudenii iz batiskafana)
Orudie okeanicheskogo rybolovstva, Trudy Atlanticheskogo
nauchno-issledovatel'skogo instituta rybnogo khoziaistva
i okeanografii (AtlantNIRO), (32), Kaliningrad, 195p.:
23-33. In Russian.

Transl. by IPST for NMFS, Jan. 1973, 9p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Ivchenko, V.V.

Economic classification of resources of ocean fishing 1971
(Ob ekonomicheskoy klassifikatsii resursov okeanicheskogo
rybolovstva)
Atlanticheskii okean. Ryboposkovye issledovaniia (G.D. Basil'ev,
chief ed.), Trudy Atlanticheskogo nauchno-issledovatel'skogo
instituta rybnogo khoziaistva i okeanografii (AtlantNIRO),
(33), Kaliningrad, 212p.: 3-10. In Russian.

Original Article Checked *MR*

Ivchenko, V.V.

1971

Theoretical foundations of an information system for the economic evaluation of the fish resources of the Atlantic Ocean (Teoreticheskie predposylki sozdaniia informatsionnoy sistemy ekonomicheskoi otsenki rybnykh resursov Atlanticheskogo okeana)
Atlanticheskii okean. Ryboposkovye issledovaniia (G.D. Basil'ev, chief ed.), Trudy Atlanticheskogo nauchno-issledovatel'skogo instituta rybnogo khoziaistva i okeanografii (AtlantNIRO), (33), Kaliningrad, 212p.: 11-18. In Russian.

Original Article Checked. MR

TRUDY ATLANT/NIRO No 39, 1971

pp 35-43
166-170
269-272
273-279
296-304

*NTIS-TT-73-50038

Burukovskii, R.N.

1973

Some aspects of the biology of pink shrimp (Penaeus duorarum
Burkenroad) (Nekoterye aspekty biologii rozvoia krevetki
(Penaeus duorarum Burkenroad)
Rybnokhoziaistvennye issledovaniia v Atlanticheskoi okeane
(biologiya i promysel bespozvonochnykh) (R.N. Burukovskii, ed.),
Trudy Atlanticheskogo nauchno-issledovatel'skogo instituta
rybnogo khoziaistva i okeanografii (AtlantNIRO), 42,
Kaliningrad, 201p.: 86-119. In Russian.

Transl. by IPST for NMFS, Oct. 1973, 28p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Burukovskii, R.N., and L.L. Romenskii
The rostrum variability in the shrimp Aristeus varidens 1972
Holthuis (Decapoda, Penaeidae) (Ob izmenchivosti rostruma
u krevetok Aristeus varidens Holthuis (Decapoda, Penaeidae)
Rybnokhoziaistvennye issledovaniia v Atlanticheskom okeane
(biologiya i promysel bespozvenochnykh) (R.N. Burukovskii, ed.),
Trudy Atlanticheskogo nauchno-issledovatel'skogo instituta
rybnogo khoziaistva i okeanografii (AtlantNIRO), 42,
Kaliningrad, 201p.: 156-166. In Russian.
Transl. by IPST for NMFS, July 1973. 9p. typescript.
Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked MR

Nesis, K.N., and Ch.M. Nigmatullin 1972
Demersal squids of the Patagonia-Falkland area (Pridonnye
kal'mary Patagono-Folklendskogo raiona)
Rybokhoziaistvennye issledovaniia v Atlanticheskoi okeane
(biologiya i promysel bespozvonochnykh) (R.N. Burukovskii, ed.),
Trudy Atlanticheskogo nauchno-issledovatel'skogo instituta
rybnogo khoziaistva i okeanografii (AtlantNIRO), 42,
Kaliningrad, 201p.: 170-175. In Russian.

Transl. by IPST for NMFS, July 1973, 5p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked.....*NR*

Burukovskii, R.N.

1972

Function of rostrum of shrimps (O funktsii rostrya u krevetok)

Rybnokhoziaistvennye issledovaniia v Atlanticheskoi okeane
(biologiya i promysel bespozvonochnykh) (R.N. Burukovskii, ed.).
Trudy Atlanticheskogo nauchno-issledovatel'skogo instituta
rybnogo khoziaistva i okeanografii (AtlantNIRO), 42,
Kaliningrad, 201p.: 176-179. In Russian.

Transl. by IPST for NMFS, July 1973, 3p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Kliuchnik, T.S., and V.A. Zasyunkina 1972
Some data on Argentine squid Illex argentinus Castellanos,
1960 (Nekotorye dannye ob argentinskom kal'mare Illex
argentinus Castellanos, 1960)
Rybnokhoziaistvennye issledovaniia v Atlanticheskom okeane
(biologiya i promysel bespozvonochnykh) (R.N. Burukovskii, ed.),
Trudy Atlanticheskogo nauchno-issledovatel'skogo instituta
rybnogo khoziaistva i okeanografii (AtlantNIRO), 42,
Kaliningrad, 201p.: 190-192. In Russian.

Transl. by IPST for NMFS, July 1973, 3p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *ME*

Burukovskii, R.N. and L.L. Rozenskii
The finding of rare species of shrimp Parapenaeus americanus 1972
Rathbun, 1901 (O nakhodke redkoï krevetki Parapenaeus
americanus Rathbun, 1901)
Rybnokhoziaistvennye issledovaniia v Atlanticheskom okeane
(biologiya i promysel bespozvonochnykh) (R.N. Burukovskii, ed.),
Trudy Atlanticheskogo nauchno-issledovatel'skogo instituta
rybnogo khoziaistva i okeanografii (AtlantNIRO), 42,
Kaliningrad, 201p.: 193-195. In Russian.

Transl. by IPST for NMFS, July 1973, 3p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *NR*

Tonas, V.A.

Methodology for studying the "absolute catching power" ¹⁹⁶⁷
of a trawl (Metodika izucheniia absolutnoi ulovistosti
trala)

Sbornik rabot po tekhnike rybolovstva, tekhnologii
obrabotki ryby i mekhanizatsii proizvodstvennykh protsessov,
Trudy Azovo-chernomorskogo nauchno-issledovatel'skogo
instituta morskogo rybnoho khoziaistva i okeanografii
(AzherNIRO), (25), 198p.: 96-105. In Russian.

Transl. by IPST for NMFS, Jan. 1973, 12p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked.....MR

1971
Koval'chuk, G.K.
Technochemical characteristics of herring, mackerel, and
jackfish of the Indian Ocean (Tekhnokhimicheskaya kharakteristika
sel'devikh skumbrievikh i stavridovikh Indiyanskogo okeana)
Trudy Azovsko-Chernomorskogo nauchno-issledovatel'skogo instituta
morskogo rybnogo khoziaistva i okeanografii (AzChernIRO), (32):
37-47. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Halifax Lab.,
Halifax, N.S., 1973, as Transl. Series No. 2520, 17p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *AK*

PROBABILISTIC ESTIMATES OF ACCURACY IN SOLVIN
G THE PROBLEM OF SYNTHESIZING ANTE

NONE INDICATED LANGUAGE-RU COUNTRY-UR

TR. KAZAN. AVIATS. INST. VOL. 122 1170 PP 25-
30

FSTC-HT-23-1482-73

E. A. Kumirnov

Determination of the flow parameters behind a turbine cascade with cooling air outlet through the trailing edges of the blades.

TRUDY AVIATSIONNYI INSTITUT. KAZAN. No 128, 1971,
pp 21-31

NTC 73-10467-01A

apr 73

Tishkevich, M. I.

Study of the electroerosion resistance of tungsten-rhenium alloys.

ELEKTROEROSIYNOE SOYSTOYANIYE DO ELEK-
TRICHESKIH KONTAKTOV I KONTAKTNYH MATERIALAKH
(No. 4). TRUDY. MISCOW, 29 March - 1 Apr. 1965.
Pub. 1967, p. 452-467. (electrical contacts.
conference on electrical contacts and contact
materials. Transactions.)
NTC 72-11277-09A

Shkanov, I. N.

The evaluation of the fatigue strength of materials
in the case of a complex stressed condition 11 pp.
KAZAN. AVIATSIONNYY INSTITUT. TRUDY, No. 136, 1971,
pp. 3-14
AIR/FTD/HT-23-0264-73

Shkanov, I. N.

On the question of calculating fatigue strength of
steels with asymmetric loading cycles 10 pp.
KAZAN. AVIATIONNIY INSTITUT. TRUDY, No. 136, 1971,
pp. 15-24.
AIR/FTD/HT-23-0265-73

Loginov, N. Z.

Improvement in the method of tests with division of the process of fatigue failure into stages of macrodamage and final failure 8 pp.

KAZAN. AVIATIONNYY INSTITUT. TRUDY, No. 136, 1971, pp. 23-33.

AIR/FTD/HT-23-0266-73

Bragin, D. Ya.

Problem of calculating bolted joints under stress
relaxation and creep conditions during vibrations. 8 pp.

KAZAN. AVIATSIONNYY INSTITUT. TRUDY, No. 136, 1971,
pp. 34-41

AIR/FTD/HT-23-0276-73

Invariant-Group Properties of Equations for a Boundary
Layer of an Electrically Conductive Liquid, by
S. A. Derbenev, 8 pp.

KAZANSKIY AVIATSIONNY INSTITUT, TRUDY, SERIYA
MATEMATIKA I MEKHANIKA, No 125, 1970, pp 28-35.
ARM/FSTC/HT-23-2085-72

May 73

Khachaturova, I.K. et al

Synthesis of High-Molecular-Weight Naphthenic
Acids by the Oxidation of Low-Melting Solid
Hydrocarbons from Surakhany Petrolatum.

TR. AZERB. INST. NEFTI KHIM., 1969, No.27,
pp.128-36.

A.T.S RJ-5857

Kalantarov, M.I.

Investigation of the Influence of Magnetic Field
on Mechanical Strength of Cotton Fibre at
Various Relative Humidities 6 pp

TRUDY AZERBAIDZHANSKOGO NAUCHNO-ISSLEDOVATEL'SKOGO
INST. ENERGETIKI No 18, 1968, PP 264-268

NTIS-TT-72-51050

Denidov, V. .

1962

Some features in the behavior of the West African
Sardinella aurita in the Niger and Benue regions
Trud. Azovo-Chernomorskogo nauchno-issledovatel'skogo
instituta morskogo rybnogo khozaystva i okeanografii
(Azerny 00), (20): 25-44. in Russian.

Transl. by Lydia A. Hutchison for L. of California, 1973.
79., typescript.

Avail. on loan - LAC, Wash., D.C.

Original Article Checked 54

Prosvirov, E.S., and O.G. Riabikov
Some problems in the biology and fishing of Sardinella 1961
aurita in the Takoradi and Dakar regions (Nekotorye voprosy
biologii i promysla sardinelly vida Sardinella aurita
raionov Takoradi i Dakara)
Trudy Baltijskogo nauchno-issledovatel'skogo instituta
morskogo rybnogo khoziaistva i okeanografii (BaltNIRO), (7),
Kaliningrad, 199p.: 3-16. In Russian.

Transl. by Lydia A. Hutchison for U. of California, 1973,
40p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *IR*

Bernikov, R.G., and E.S. Prosvirov 1962
Promising fishing regions near the shores of Spanish
Sahara and Mauritania (Kharakteristika perspektivnykh
rybopromyslovyykh raiionov u poberezh'ia Ispainskoi Sakhary
i Mavritanii)
Trudy Baltiiskogo nauchno-issledovatel'skogo instituta
morskogo rybnogo khoziaistva i okeanografii (BaltNIRO),
(9), Kaliningrad, 163p.: 70-80. In Russian.

Transl. by Lydia A. Hutchison for U. of California, 1973,
19p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Bryantsev, V.A.

Distribution of water mass on the Nova Scotian shelf 1962
(Raspreделение vodnikh mass novoshotlandskovo shel'fa)
Trudy Baltijskogo nauchno-issledovatel'skogo instituta
morskogo rybnogo khozjalstva i okeanografii (BaltNIRO),
2, Kaliningrad, 1963p. 131-136. In Russian.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRNC Mar. Ecol. Lab.,
Dartmouth, N.S., 1973, as Transl. Series No. 2817, 9p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. MR

Vasiliev, J.D.

1962

Some results of oceanographical work on the second
BaltNIRO expedition to the coasts of Nova Scotia (Nekotorye
rezultaty okeanograficheskikh rabot vtoroy ekspeditsii
BaltNIRO k beregam NovoY Shotlandii)
Trudy Baltiyskogo nauchno-issledovatel'skogo instituta
morskogo rybnogo khoziaistva i okeanografii (BaltNIRO) 2,
Kaliningrad, 163p.: 156-157. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Mar. Ecol. Lab.,
Dartmouth, N.S., 1973, as Transl. Series No. 2812, 3p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *NR*

VERKHOV, V.N.
//TRUDY BELOMORSKOY BIOLOGICHESKOY STANTSII NGU//
--/--/1970, V0003, N----,
The re-establishment of Kelgrass (Zostera) beds in
the White Sea
PP 149-153, *NAVY NOO LIB T-8##

Pordukhai-Bel'ovskoi, I.P. et al.

1963

Fauna of the inshore zone of the Rbinsk reservoir
(fauna pribrezhnoi zony Rbinskogo vodohranilishcha)
Trudy Biologicheskoi stantsii "borok". 2: 142-154.
In Russian.

Transl. for WFO. Typ., processed. Avail. in as RFS A01.

Avail. on loan - WFO, Wash., D.C.

25-Apr-73
Uncl^{REC} (UCRL-Trans--10675) Biogeochemistry of mercury
in soils and plants. MALYUGA, D.P.; MAKHOVA, N.N.;
NIKITINA, R.G. Translated from Tr. Buryat. Inst.
Estestv. Nauk, Buryat. Filial, Sib. Otd., Akad. Nauk
SSSR; No. 2, 190-194(1969). 10p. Dep. NTIS \$3.00.

07 chemistry (analytical); translations
MN-4 P NSA

KORSHAK, V. V.
//TRUDY BURYATSKOGO INSTITUTA YESTESTVENNYKH
NAUK AKADEMIYA NAUK SSSR, SIBIRSKOYE
OTDELENIYE, //
--/--/1971, V----,N0010,
Successes in the creation of thermoresistant
polymers on the basis of aromatic tetraamines
and their derivatives, 36 pp
pp 33-77, AIR/FTD/MT-24-1309-74@@

KORSHAK, V. V.
//TRUDY BURYATSKOGO INSTITUTA YESTESTVYENNYKH
NAUK AKADEMIYA NAUK SSST, SIBIRSKOYE OTDELENIYE
BURYATSKIY FILIAL//
--/--/1971, V----, N0010
Polybenzimidazoloxazoles a new class of
thermoreistant copolymers 8 pp
pp 87-95, AIR/FTD/MT-24-1311-74##

RUSSIAN

JPRS-62481
315pp

CSO: 8044/2089
31 May 1974

TRUDY CHETVERTOY VSESOYUZHNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, 1973, 330 pp
edited by N.G. Gatkin

Tsvetkov, E. I.

Systems Engineering Methods in Statistical Hydro-
acoustics.

12 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 3-13.

JPRS 62481

Zayezdnyy, A. M.

Classification of Signals Propagated in a Water
Medium on the Basis of Processing Them by Structural
Properties.

9 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 14-22.

JPRS 62481

Solodovnikov, V. V.

Optimal Processing of Nonstationary Random Hydro-
acoustic Signals.

11 pp

TRUDY CHETVERTOY VSESOYUZHNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 23-32.

JPRS 62481

Yudenzov, I. P.

Some Integral Relations Connected With Ranking the
Components of a Random Vector.

4 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 33-35.

JPRS 62481

Ol'shevkiy, V. V.

Effect of the Unpredictable Components of Absorption
of an Aqueous Medium on the Mutual Correlation of
the Reference and Usable Signals.

12 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 36-46.

JPRS 62481

Ol'shevskiy, V. V.

Models of Hydroacoustic Channels and Signals and
Their Correlation Characteristics.
14 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,
pp 47-59.
JPRS 62481

Geranin, V. A.

Spectral Representation of Nonstationary Random Processes.

14 pp

TRUDY CHETVERTOY VSESOYUZHNOY SHKOLY-SERTINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,
pp 60-75.

JPRS 62431

Kudryashov, V. M.

Problem of the Formation of Sound Fields Under
the Conditions of Formation of Shadow Zones.

9 pp

TRUDY CHETVERTOY VSESoyuzNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,
pp 76-83.

JPRS 62481

Mcroz, T. A.

Correlation Characteristics of Marine Reverberation
From a Sound Scattering Layer.

10 pp

TRUDI CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,
pp 84-92.

JPRS 62481

Petrov, V. V.

Digitalization of a Hydroacoustic Signal.

4 pp

TRUDY CHETVERTOY VSESOYUZHNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 93-95.

JPRS 62481

Vakar, K. B.

Physical Principles of Simulating Signals Under the
Conditions of the Complex Structure of an Acoustic
Field.

8 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 96-104.

JPRS 62481

Vakar, K. B.

Energy Characteristics of Far Reverberation.

5 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 105-109.

JPRS 62481

Kakalov, V. A.

Measuring the Glancing Angles of Components of a
Multibeam Signal.

10 pp

TRUDY CHETVERTOY VSESOYUZHNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,
pp 110-121.

JPRS 62481

Dem'yanovich, V. V.

Results of Experimental Studies of the Vertical
Angular Spectra of the Sound Field.

7 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 122-129.

JPRS 62481

Chuprov, S. D.

Problem of Optimizing Signals in Correlators for
Communications Via a Hydroacoustic Channel With
Parameters Which Vary in Time.

9 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

¹¹/₂₂ 130-138.

JPRS 62481

Gulin, E. P.

Propagation of a Modulated Noise Signal in a Multi-
beam Channel With Constant Parameters.

10 pp

TRUDY CHETVERTOY VSESOYUZHNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 139-147.

JPRS 62481

Vayndruk, E. S.

Peculiarities of Surface Reverberation During Local
Irradiation of Seawater.

9 pp

TRUDY CHETVERTOY VSESOYUZHNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 158-167.

JPRS 62481

Gatkin, N. G.

Algorithms for Optimal Space-Time Processing of
Random Fields.

13 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,
pp 168-200.

JPRS 62481

Gatkin, N. G.

Detection of Noise Signals in a Field of Distributed
and Local Interference.

19 pp.

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 201-212.

JPRS 62481

Bozhok, Yu. D.

Indeterminacy Function for Optimal Space-Time Processing of Signals.

6 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,
pp 213-220.

JPRS 62481

Gatkin, N. G.

Noiseproofness of Optimal Receivers for the Two-
Component Signal.

7 pp

TRUDY CHETVERTOY VSESOYUZHNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 221-228.

JPRS 62481

P'yanov, V. M.

Detection Characteristics of the Standard Channel
When Receiving a Two-Component Signal.

6 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,
pp 228-234.

JPRS 62481

Gatkin, N. G.

Signal Detection in the Presence of Nongaussian Noise.

6 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,

pp 235-240.

JPRS 62481

Taradanov, L. Ya.

Problem of Calculating the Correlation Functions of
Echoes From a Circular Cylinder of Finite Altitude.
3 pp

TRUDY CHETVERTOY VSESOUZNOY SHKOLY-SEMINARA PO
STATISTICHESKOY GIDROAKUSTIKE, Novosibirsk, 1973,
pp 241-243.
JPRS 62481