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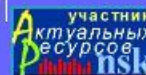
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## Our Gorodok



70-year  
ANNIVERSARY  
of academician  
V.A.Koptyug



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## Akademgorodok Virtual



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["Nauka v Sibiri" - Scientific Newspaper -- in Russian](#)



[House of Scientists SB RAS -- in Russian](#)





*Anniversary of Siberian Branch RAS  
Founder*

## ***Mikhail Alyeksyeyevich Lavryent'yev (1900-1980)***

### **CENTENARY JUBILEE COLLECTION**

#### **Basic dates and events of academician M.A.Lavryent'yev life and work**

Pritvits N.A. YEstyestvoispytatyel', pryebrazovatyel', prosvyetityel' // Lavryent'yevskiye chtyeniya po matyematiky, myekhaniky i fiziky. - Novosibirsk, 2000. - S.18-19.

Titov V.M. O rabotakh akadyemika M.A.Lavryent'yeva // Mikhail Alyeksyeyevich Lavryent'yev 1900-1980: Biobibliograficheskiy ukazatyel'. - Novosibirsk, 1985. - S.4-8.

THESES COLLECTION CONTENT Lavryent'yevskiye chtyeniya po matyematiky, myekhaniky i fiziky: V Myezhdunar. konf. (18-22 syent. 2000 g.) / Otv. ryed. V.V.Sil'vyestrov. - Novosibirsk: In-t gidrodinamiki SO RAN, 2000. - 180 s.

Lavryent'yev M.A. Nikolai Nikolayevich Luzin // Uspyekhi mat. nauk. - 1974. - T.29, N 5. - S.177-182.

*M.A. rasskazyvayet o svoym uchityelye i yego shkolye, prozvannoi «Luzitaniyei».*

#### **EXHIBITIONS ON M.A.LAVRYENT'YEV ANNIVERSARY:**

• **september** - in the SB RAS House of Scientists

## Basic dates and events of academician M.A.Lavryent'yev life and work

### Kazan'

Born on November, 19, 1900 in Kazan'

**1918-1921** Student of physical-and-mathematical Department of Kazan State University

**1920-1921** Laboratory assistant in mechanics room, nominee to professor position of Kazan State University

### Moscow

**1921-1922** Student of physics-and-mathematics Department of Moscow State University (MSU)

**1921-1929** Professor in Bauman Moscow Higher Technical School (MVTU)

**1923-1926** Aspirant of Mechanic-mathematic institute of MSU

**1927** Six months business trip to France (Paris) for scientific work

**1929-1935** Senior Engineer of N.YE.ZHukovskii Central Air-and-Hydrodynamics institute (TSAGI)

**1929-1931** Doctor of D.I.Myendyelyeyev Moscow Chemical Technological institute

**1931-1941** Doctor of MSU

**1933-1941** Chief of function theory Department of V.A.Styeklov Mathematical institute of USSR AS

**1934,1935** Doctor of Engineering and Doctor of Physics and Mathematics scientific degrees granted by Superior Certification Commission (no dissertation presented)

### Kiyev - Ufa - Kiyev

**1939** Elected as Member of the Academy of Sciences of Ukraine SSR (UkrSSR)

**1939-1949** Director of Mathematics Institute of AS UkrSSR

**1939-1941,** Professor of physics-and-mathematics Department of Kiyev State  
**1945-1948** University

# Valyentin Afnas'yevich Koptyug

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Life  
Works  
Collaborators  
Ideas  
Album

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Memorial  
library

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Devoted to 70-years  
birth anniversary

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A handwritten signature in white ink, which appears to be 'Koptyug'.

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Akadyemgorodok)

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участник  
Актуальных  
ресурсов NSK





## Valyentin Afanas'yevich Koptyug

### Biography essay

from the book «Valyentin Afanas'yevich Koptyug: Matyerialy k biobibliografii sibirskikh uchyenykh» (Novosibirsk, 2001)

- [Pages from the life of Valyentin Afanas'yevich Koptyug](#) -- server of the SB RAS Presidium (in russian)
- [Koptyug V.A. Pozdravlyeniye profyessoru B.I.Styepanovu \(vmesto avtobiografii\)](#) - syervyer Sibirskogo otdyelyeniya RAN

Valyentin Afanas'yevich Koptyug (1931-1997) was born in the family of the employee in YUkhnov of the Kaluga region. In 1938 his father was arrested. In the beginning of Great Patriotic war the future scientist moved with his mother and senior brother in Samarkand, where he has finished high school being awarded with gold medal. In 1949 he became a student of Moscow chemical-technological institute named by D.I.Myendyelyeyev and in 1954 has graduated from it, having got the diploma with the excellent qualification in his speciality " Technologies of half-products and dyes ". In the same year Valyentin Afanas'yevich entered the post-graduate study. His scientific chief and the Teacher from the capital letter has become the Chair manager, professor (in the future the member of AN USSR) Nikolai Nikolayevich Vorozhtsov, Jr., who, having managed to evaluate the great research talent and exclusive diligence of Valyentin

## Valyentin Afanas'yevich Koptyug

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### Album

- Biography in pictures
- Monument to V.A.Koptyug in Novosibirsk Akademgorodok



**Koptyug  
Thinking**

**Koptyug  
Listening**



## BIBLIOGRAPHY OF WORKS OF VALYENTIN AFANASYEVICH KOPTYUG



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### Preface

In June 2001 the 70th jubilee of academician V.A.Koptyug's birth is marked. But this anniversary is a little sad because Valentine Afanasyevich is not with us. As well as Lavrentyev, he had been heading Siberian Branch rather long - for 17 years. But the time Koptyug had to live in was more complicated. His epoch in Siberian Branch of Russian Academy of Sciences had been connected with Branch development and definitive formation. But then came the period of country system crisis, the time of catastrophes and destructions that took away the life of this extraordinary person.

Scientific activity of academician V.A.Koptyug was multilateral and included deep basic researches in the fields of organic chemistry, chemical information theory and ecology. In each of these areas he founded the scientific schools developing his basic ideas.

Marking Valentine Afanasyevich Koptyug's outstanding merits, Branch of State Public Scientific Technical Library has prepared combined electronic version of three bio-bibliographies published by State Public Scientific Technical Library of Siberian Branch of Russian Academy of Sciences in 1981, 1986, 1996 [1]. In addition to the bibliographies there is a supplement for 1997-2001.



## BIBLIOGRAPHY OF WORKS OF VALYENTIN AFANASYEVICH KOPTYUG



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### 1974

208. Kamshii L.P. Aryenoniyevyye iony, sootvyetstvuyusciye ryeaktsii galoidirovaniya soyedinyenii naftalinovogo ryada: [pis'mo v ryed.] / Kamshii L.P., [Koptyug V.A.](#) // Izvestiya Akademyi nauk SSSR. Ser. khimicheskaya. - 1974. - N 1. - S.236. - Bibliogr.: 5 nazv.
209. Kamshii L.P. Vzaimodyeistviye fyenolov s kislotami L'yuisa: [soobsc.]10. Komplyeksy dioksinaftalinov s bromistym alyuminiyem / Kamshii L.P., Mamatyuk V.I., [Koptyug V.A.](#) // Zhurnal organicheskoi khimii. - 1974. - T.10, N 10. - S.2194-2200. - Bibliogr.: 8 nazv.
210. Kamshii L.P. Kinyetichyeskii i tyermodinamichyeskii kontrol' pri S-protonirovanii 1-naftolov: [pis'mo v ryed.] / Kamshii L.P., Mamatyuk V.I., [Koptyug V.A.](#) // Izvestiya Akademyi nauk SSSR. Ser. khimicheskaya. - 1974. - N 6. - S.1440-1441. - Bibliogr.: 3 nazv.
211. [Koptyug V.A.](#) Aryenoniyevyye iony (stroyeniye i ryeaktsionnaya sposobnost'): obzor / [Koptyug V.A.](#) // Izvestiya Akademyi nauk SSSR. Ser. khimicheskaya. - 1974, N 5. - S.1081-1098. - Bibliogr.: 144 nazv.
212. [Koptyug V.A.](#) Preface / [Koptyug V.A.](#) // Spravochnaya literatura

## V.A.Koptyug Memorial library

### Photoexcursion



Stocks of the Memorial library include approx. 4 thousand books and about 300 titles of journals in Russian and foreign languages. Valyentin Afanas'yevich's books on chemistry, ecology, sustainable development share the space on the shelves with the literature donated to Koptyug by his colleagues and students. Half thousand of folders with miscellaneous documents are of great price here. Those include manuscripts, newspaper cut-outs, meeting protocols and others and they were collected by the scientist during his entire scientific and social life. These materials help picture the development of Siberian Branch of Academy of Science, the growth of Novosibirsk Akademgorodok and all siberian science. Books and documents are presented in our electronic catalogue.



*V.A.K.*

## V.A.Koptyug Memorial Library

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### Catalog Books

• [Reminiscences  
about V.A.Koptyug  
\(1999\)](#)

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**Documents**

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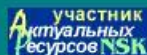
devoted to  
70-year anniversary

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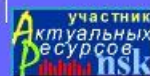
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- anniversary digest
- laureats of Siberian science
- schools of thought in NSC

In May-June, 2007, the Siberian Branch of the Russian Academy of Sciences has celebrated its 50th anniversary. A series of books has been published to this date. They are devoted to the history of the formative stage and development of the Branch, to outstanding scientists of Siberia, as well as to the memoirs of old residents of the Novosibirsk Akademgorodok. We represent the full-text versions of these publications that disclose in detail the anniversary path of the Siberian science.

 [Vypuskniki MGU v Novosibirskom nauchnom tsyentye SO RAN. 1957-2007. - Novosibirsk: Akademycheskoye izdatyel'stvo «Gyeo», 2007. - 328 s.: il. - ISBN 978-5-9747-0065-1](#)

The book gives the history of scientific, pedagogical, and scientific-and-organizational activity of the graduates of the M.V.Lomonosov Moscow university in the Novosibirsk Scientific Center of SB RAS since its foundation in 1957 and up to the present. Besides concise biograms that contain insights into the career of more than 400 graduates of various faculties, the own memoirs of scientists, and memoirs on their teachers and colleagues are of absolute interest.

 [Rossiiskaya akademyiya nauk. Sibirskoye otdyelyeniye: Istorichyeskii ochyerk. - Novosibirsk: Nauka, 2007. - 508 s. : il. - ISBN 978-5-02-032108-3](#)





## Contents

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| <b>1956, february 14</b> | <b>KHristianovich S.A., Lavryent'yev M.A., Lyebyedyev S.A.</b><br>Nazryevshiyе zadachi organizatsii nauchnoi raboty                  |
| <b>1957, april 2</b>     | <b>Lavryent'yev M., KHristianovich S.</b><br>Vazhnoye usloviye razvitiya nauki   |
| <b>1957, may 18</b>      | O sozdaniі Sibirskogo otdyelyeniya Akadyemii nauk SSSR: postanovlyeniye Sovyeta ministrov SSSR                                       |
| <b>1957, november 2</b>  | <b>Nyesmyeyanov A.N.</b><br>Sozdaniye krupnogo nauchnogo tsentra v Sibiri: vstupitel'noye slovo na Obsyem sobranii AN SSSR           |
| <b>1957, november 2</b>  | <b>Lavryent'yev M.A.</b><br>Razvitiye nauki v Sibiri i na Dal'nyem Vostokye: sokrascyenniy tyekst doklada na Obsyem sobranii AN SSSR |
| <b>1957, november 2</b>  | Sozdaniye krupnogo nauchnogo tsentra v Sibiri: na Obsyem sobranii Akadyemii nauk SSSR  |
| <b>1957,</b>             | <b>Pospyelov G.</b>  |



## ЛАУРЕАТЫ СИБИРСКОЙ НАУКИ

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YE.N. Myeshalkin

**1960** Lenin premium has been awarded to YE.N.MYESHALKIN, doctor of Med. Sciences, director of the Institute of experimental biology and medicine SB AS USSR (that is nowadays *scientific research institute of blood circulation pathology*, see *an article of N.A.Kupershtok* in the magazine «*Filosofiya nauki*», 1997, N 1 about the history of the institute in greater detail) - for the development of new operations on heart and large blood vessels (*Pravda*, April

22, 1960).

- ♦ Myeshalkin YE.N., Arkhipova G.F., Chasovskikh G.G. *Myetabolizm i struktura miokarda pri vrozhdennykh porokakh syerdtsa*. - Novosibirsk: Nauka, 1978. - 223 s.
- ♦ Myeshalkin YE.N. *Okklyuzii v usloviyakh nyeglubokoi gipotermichyeskoi zascity / Otv. ryed. V.S.Syergiyevskii*. - Novosibirsk: Nauka, 1985. - 197 s.
- ♦ Myeshalkin YE.N., Vlasov YU.A., Okunyeva G.N. *Khronichyeskaya artyerial'naya gipoksyemiya chyelovyeka*. - Novosibirsk: Nauka, 1982. - 281 s.
- ♦ Myeshalkin YE.N., Syergiyevskii V.S., Svyernyev A.V., Gheim G.K. *Tripsinyemiya v ryeaktsiyakh organizma na povryezhdyeniye*. - Novosibirsk: Nauka, 1982. - 81 s.

Collaborators of the Institute of catalysis BUYANOV R.A. doctor of Chem.



## ЛАУРЕАТЫ СИБИРСКОЙ НАУКИ

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V.V.Voyevodskii

**1968** State premium of the USSR was awarded to academician V.V.VOYEVODSKII (posthumously) (*The Institute of chemical kinetics and combustion*) for his monograph "Fizika i khimiya ehlyemyentarnykh khimichyeskikh protsyessov" that was published in 1969 (*Pravda*, November 7, 1968).

- *Voyevodskii V.V. Fizika i khimiya ehlyemyentarnykh khimichyeskikh protsyessov. - M.: Nauka, 1969. - 414 s.*

**1969** State premium of the USSR was awarded to academician A.L.YANSHIN (*Institute of geology and geophysics of SB AS*), the head of work on the compilation of a tectonic map (1:5000000) and monographic description of Eurasia tectonics that was made by the staff of Geological institute AN and by collaborators of other research institutions (*Pravda*, November 7, 1969).



A.L.YAnshin

- *Tyektionika YEvrzii: Ob'yasnityel'naya zapiska k Tyektionichyeskoi kartye YEvrzii, massht. 1:5.000.000 / Gl. ryed. A.L.YAnshin. - M.: Nauka, 1966. - 487 s.*
- *Tyektionichyeskaya karta YEvrzii. Masshtab 1: 5.000.000 / Pod ryed. A.L.YAnshin i dr. - M.: GUGK i Spets. Mezh. SSSR, 1966.*



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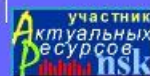
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### For the Day of Russian Science on February, 8, 2002

## Exhibition of publications of scientists of NSC SB RAS in foreign languages

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It is quite often difficult for the experts to find the monographs of colleagues published abroad. Domestic catalogues do not contain these publications, and libraries collect such publications in the nonconventional way. The scientists prefer to hold the author's copies, sometimes acquired for currency, in personal libraries.

To eliminate such gaps in the bibliography of the Siberian science, *the Branch of State Public Scientific Technical Library of the Siberian Branch of Russian Academy of Science* has made an attempt to collect an information on foreign editions of works of scientists of the Novosibirsk scientific centre and on the conferences, which took place in Novosibirsk, but published in foreign languages.

For the further development of this information resource we invite the scientists and libraries of institutes of the Siberian Branch of the Russian Academy of Science for cooperation. You can tell an information on the editions available for you by ph. 330-17-60 or to the bibliographer on duty (ph. 334-29-65). E-mail: [www@prometeus.nsc.ru](mailto:www@prometeus.nsc.ru)

### **The publications of the following institutes are presented in the exhibition:**

- ◆ [Institute of archeology and ethnography \(IA\)](#)
- ◆ [Institute of Economics and Industrial Engeneering \(IEIE\)](#)
- ◆ [Institute of thermophysics \(ITPh\)](#)
- ◆ [Institute of nuclear physics \(INPh\)](#)
- ◆ [Institute of laser physics \(ILPh\)](#)
- ◆ [Institute of semiconductor physics \(ISPh\)](#)
- ◆ [Institute of catalysis \(IC\)](#)
- ◆ [Institute of cytology and genetics \(ICG\)](#)
- ◆ [The Central Siberian botanical garden \(CSBG\)](#)
- ◆ [Institute of hydrodynamics \(IH\)](#)
- ◆ [Institute of automation and electrometry \(IAE\)](#)
- ◆ [Institute of theoretical and applied mechanics \(ITAM\)](#)
- ◆ [Institute of geology \(IGG\)](#)
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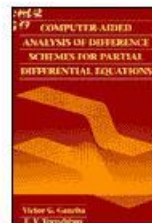
## Institute of theoretical and applied mechanics (ITAM)



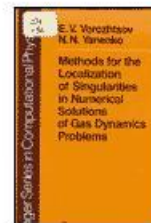
**Thermal plasma and new materials technology:** In 2 vol. / Ed. O.P.Solonenko, M.F.Zhukov. - Cambridge: Interscience Publishing. - V.1. Investigations & design of thermal plasma generators. - 1994. - 464 p.; V.2. Investigations & design of thermal plasma technologies. - 1995. - 533 p.



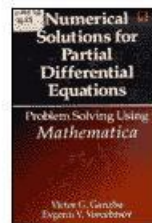
**Ochkin V.N. Optogalvanic effect in ionized gas /** V.N.Ochkin, N.G.Preobrazhensky, N.Y.Shaperev. - London: Foundation for Int. Scientific & Education Cooperation, Moscow: Lebedev Phys. Inst. Univ. Press, 1999. - 197 p.



**Ganzha V.G. Computer-aided analysis of difference schemes for partial differential equations /** V.G.Ganzha and E.V.Vorozhtsov. - New York et al.: John Wiley & Sons, Inc., 1996. - 458 p.



**Vorozhtsov E.V. Methods for the localization of singularities in numerical solutions of gas dynamics problems /** E.V.Vorozhtsov, N.N.Yanenko. - New York et al.: Springer-Verlag, 1990. - 406 p. - (Springer series in computational physics).



**Ganzha V.G. Numerical solutions for partial differential equations: problem solving using mathematica /** V.G.Ganzha and E.V.Vorozhtsov. - Boca Raton: CRC Press, 1996. - 347 p.



**Kiselev S.P. Foundations of fluid mechanics with applications: problem solving using mathematica /** S.P.Kiselev, E.V.Vorozhtsov, V.M.Fomin. - 2nd ed. - Boston: Birkhauser, 1999.



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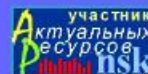
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- [acad. V.M.Titov](#)
- [acad. L.V.Ovsyannikov](#)

❖ School of acad. S.A.KHristianovich (*theoretical and applied mechanics*)

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- [acad. N.N.YAnyenko](#)
- [acad. V.M.Fomin](#)

❖ School of acad. P.Kochina

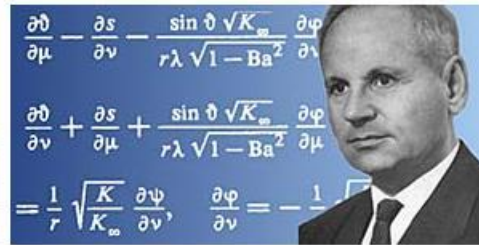
- [acad. O.F.Vasil'yev](#)

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## Христианович Сергей Алексеевич

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### ACADEMICIAN SERGEY ALEKSEYEVICH KHRISTIANOVICH

KHRISTIANOVICH Sergey Alekseyevich (born in 1908) - the Soviet scientist in the field of mechanics (of hydro- and aerodynamics, of explosion dynamics, of toughness and plasticity), together with mining and power. Academician of AS USSR since 1943 (corr. memb. since 1939), Hero of Soc. Labour (1969).

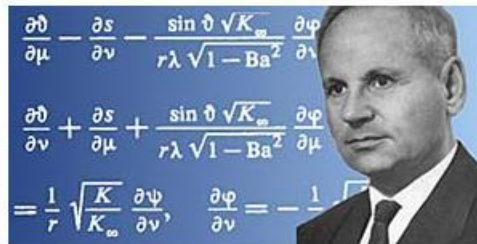
He has graduated from Leningrad state university (1930), worked in the State hydrological institute (1930-1935), CAHI (1937-1953, since 1942 - chief institute deputy). He is one of the organizers of Siberian Branch of AS USSR. In 1957-1961 - the vice-president of the Siberian branch. In 1957-1965 - director of Institute of theoretical and applied mechanics. In 1965-1972 he is the supervisor of studies of All-Union Scientific Research Institute of physicotechnical and radiotechnical measurements. Since 1972 he is the head of the laboratory of nonlinear media mechanics of Institute of problems of mechanics of AS USSR.

He was the professor in Leningrad and Moscow universities, Novosibirsk State University; he was one of the organizers of the Moscow Institute of Physics and Technology.

As he headed the laboratory of high speeds in CAHI, and as the supervisor of institute studies in aerodynamics, Khristianovich was bound up with the creation of high-speed aircrafts, actively participated in

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### BIOBIBLIOGRAPHY OF WORKS OF SYERGHEY ALYEKSYEYEVICH KHRISTIANOVICH AND THE LITERATURE ABOUT HIM

Sergey Alekseevich Khristianovich (1908-2000) is an outstanding scientist-mechanic, academician, one of the founders of the Siberian Branch of the Academy of Sciences of the USSR.

An electronic resource devoted to his life and work consists of the biobibliographic index, tables of contents of monographs and collection issues, full texts of some works of the scientist, and publications about him.

Biobibliographic index reflects the research works, editorial works, author's certificates on inventions and patents, publicist articles, and public speeches, together with the literature about the scientist.


Materials of the index are arranged chronologically into two basic sections: « [Index of S.A.Khristianovich's works](#) » and « [literature about his life and work](#) ». The originals that could not be seen *de visu* denoted with \* ("asterisk"). The standard abbreviations are applied to the index.

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$$\frac{\partial \theta}{\partial \mu} - \frac{\partial s}{\partial v} - \frac{\sin \theta \sqrt{K_\infty}}{r \lambda \sqrt{1 - Ba^2}} \frac{\partial \varphi}{\partial v}$$
$$\frac{\partial \theta}{\partial v} + \frac{\partial s}{\partial \mu} + \frac{\sin \theta \sqrt{K_\infty}}{r \lambda \sqrt{1 - Ba^2}} \frac{\partial \varphi}{\partial \mu}$$
$$= \frac{1}{r} \sqrt{\frac{K}{K_\infty}} \frac{\partial \psi}{\partial v}, \quad \frac{\partial \varphi}{\partial v} = -\frac{1}{r} \sqrt{\frac{K}{K_\infty}} \frac{\partial \psi}{\partial \mu}$$

### BIBLIOGRAPHY of WORKS

1930-40s

1950-60s

1970-90s

1931 | 1933 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949

1931

1. K voprosu ob istyechenii zhidkosti iz sudov s pryamolinyeynymi styenkami // Izv. / Gos. gidrol. in-t. - L., 1931. - N 32. - S.31-52. - Ryez. fr.

1933

2. Otrazheniye dlinnoi volny konyechnoi amplitudy, rasprostranyayuscyeisya v kanalye // Zapiski / Gos. gidrol. in-t. - L., 1933. - T.9. - S.27-66. - Ryez. fr.
3. Otrazheniye dlinnoi volny konyechnoi amplitudy, rasprostranyayuscyeisya v prizmaticheskom kanalye = Reflexion of a long wave of finite amplitude propagating in channel of prismatic form // IV Hidrologichyeskaya konfyeryentsiya Baltiiskikh stran, Lyeningrad, syent. 1933 g. - L., 1933. -



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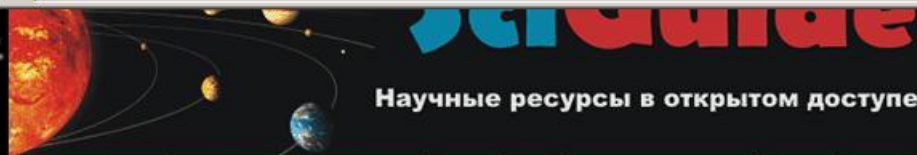


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