

Sanitized Copy Approved for Release 2011/04/11 :  
CIA-RDP81-00280R000200130034-5

**Denied**

STAT

Next 1 Page(s) In Document Denied

Sanitized Copy Approved for Release 2011/04/11 :  
CIA-RDP81-00280R000200130034-5

STAT



DISSERTATIONS FOR DEGREES IN SCIENCE AND ENGINEERING  
DEFENDED AT USSR HIGHER EDUCATIONAL INSTITUTIONS (6/56)

Knizhnaya letopis'  
[Book Register],  
No 6, 1956, Moscow.  
Pages 111-125.

PHYSICOMATHEMATICAL SCIENCES

For the Degree of Candidate in Sciences

ARKHANGEL'SKIY, Yu. A. -- "The Movement of a Goryachev-Chapygin Gyroscope." Moscow State U imeni M. V. Lomonosov. Moscow, 1956.

GESSE, I. A. -- "Some Electrical Properties of a Mixture of Zinc Oxide and Bismuth Oxide." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of Experimental Physics. Leningrad, 1955.

GRIBOV, V. N. -- "The Excitation of Rotational States of Nuclei in Interaction with Neutrons and Electrons." Leningrad Physicotechnical Inst, Acad Sci USSR. Leningrad, 1955.

GROBMAN, D. M. -- "Systems of Ordinary Differential Equations Analogous to Linear Ones." Moscow State U imeni M. V. Lomonosov. Moscow, 1956.

YEGOROV, A. I. -- "On the Asymptotic Behavior of Solutions of Integral-Differential Equations of the Walter Type." Acad Sci Uzbek SSR. Inst of Mathematics and Mechanics imeni V. I. Romanovskiy. Tashkent, 1955.

KOSTOMAROV, D. P. -- "On the Asymptotic Behavior of Solutions of First-Order Linear Differential Equations in the Vicinity of an Irregular-Special Point." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Physics Faculty. Moscow, 1955.

LISEVICH, L. N. -- "Hyperbolic Systems of Differential Equations in Partial Derivatives with Almost Periodic Coefficients." Min Higher Education Ukrainian SSR. L'vov State U imeni Ivan Franko. L'vov, 1955.

LUR'YE, B. G. -- "On Electrical Conductivity and Diffusion in the Halides of Silver and the Alkali Metals." Acad Sci USSR. Radium Inst imeni V. G. Khlopin. Leningrad, 1955.

NIKONOVA, Ye. I. -- "Investigation of Anomalous Dispersion in the Plasma of an Electric Arc with the Aid of a Rozhdestvenskiy Interferometer." State Order of Lenin Optical Inst imeni S. I. Vavilov. Leningrad, 1955.

PORFIR'YEV, V. V. -- "The Internal Structure of a Rotating Star." Min Higher Education USSR. Kiev State U imeni T. G. Shevchenko. Kiev, 1955.

TAZENKOV, B. A. -- "The Electrical Conductivity of Cuprous Oxide." Min Education RSFSR. Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of Experimental Physics. Leningrad, 1955.

STAT



## CHEMICAL SCIENCES

## For the Degree of Doctor in Sciences

TSIKLIS, D. S. -- "Phase Equilibria in Systems Containing the Gaseous Phase at Super-High Pressures." Min Chemical Industry USSR. Order of Labor Red Banner Sci Res Physicochemical Inst imeni L. Ya. Karpov. Moscow, 1955.

## For the Degree of Candidate in Sciences

ANDREYEVA, I. N. -- "Determination of Constants of the Migration of a Chain of Organic Compounds in the Initiated Polymerization of Methyl Metacrylate." Min Higher Education USSR. Leningrad Order of Labor Red Banner Technological Inst imeni Leningrad Soviet. Chair of the Technology of Plastics. Leningrad, 1955.

VDOVENKO, I. D. -- "A New Electrochemical Method of Investigating Solutions." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of Physical and Colloid Chemistry. Kiev, 1955.

VERTYULINA, L. N. -- "A Study of the Mechanism of Reducing Ortho-, Meta-, and Para-Nitrophenols, and Meta-Nitro Benzolsulfonic Acid on a Mercury Cathode." Sci Res Inst of Chemistry, Gor'kiy State U. Gor'kiy, 1955.

VYSOTSKAYA, N. A. -- "Oxygen Exchange in Solutions of Inorganic Compounds and Its Mechanism." Acad Sci Ukrainian SSR. Inst of Physical Chemistry imeni L. V. Pisarzhevskiy. Kiev, 1955.

GUSEYN-ZADE, S. M. -- "The Determination of Small Quantities of Copper in the Form of the Tetramethyl Thiuramdisulfide (Thiuramate) of Copper Using Photometric and Crystalloscopic Methods." Min Higher Education USSR. Azerbaydzhan Order of Labor Red Banner Industrial Inst imeni M. Azizbekov. Baku, 1955.

GUSHCHINA, Ye. M. -- "The Synthesis of Derivatives of Phenylmethyl Iso-pyrazolone and the Investigation of the Reaction of Their Azo Compounds." Min Higher Education USSR. Leningrad Order of Labor Red Banner Technological Inst imeni Leningrad Soviet. Leningrad, 1955.

PLETYUSHKINA, A. I. -- "A Study of the Transformation of Allyl Benzol on Aluminum Silicate Catalysts." Moscow State U imeni M. V. Lomonosov. Chemistry Faculty. Moscow, 1956.

RASTRENEKO, A. I. -- "The Production, Macrostructure, Sorption, and Catalytic Properties of Certain Porous Catalysts." Acad Sci Ukrainian SSR. Inst of Physical Chemistry imeni L. V. Pisarzhevskiy. Kiev, 1955.

TOLKACHEV, O. N. -- "The Synthesis of the Dimethyl Ether of the Racemic Alkaloid Tubocurarine." Min Higher Education USSR. Moscow Inst of Fine Chemical Technology imeni M. V. Lomonosov. Chair of the Technology of Fine Organic Compounds. Moscow, 1956.

STAT



## GEOGRAPHICAL SCIENCES

For the Degree of Candidate in Sciences

RYSIN, L. P. -- "The Forest Growth of the Basin of the River Kichinga (Buryat-Mongol ASSR)." Min Higher Education USSR. Moscow State Order of Lenin and Order of Labor Red Banner U imeni M. V. Lomonosov. Geography Faculty. Moscow, 1956.

## GEOLOGICOMINERALOGICAL SCIENCES

For the Degree of Candidate in Sciences

ABDULKASUMZADE, M. R. -- "The Fauna and Stratigraphy of the Upper Jurassic Deposits of the Northeastern Portion of the Lesser Caucasus (Azerbaijdzhan)." Published by the Acad Sci Azerbaijdzhan SSR. Acad Sci Azerbaijdzhan SSR. Inst of Geology imeni Academician I. M. Gubkin. Baku, 1955.

KASUMOVA, G. M. -- "The Flora of the Oligocene Deposits of the Northeastern Piedmont of the Lesser Caucasus (Azerbaijdzhan) and Its Stratigraphic Significance." Published by the Acad Sci Azerbaijdzhan SSR. Inst of Geology imeni Academician I. M. Gubkin. Baku, 1955.

## BIOLOGICAL SCIENCES

For the Degree of Doctor in Sciences

GAYEVSKAYA-SOKOLOVA, M. S. -- "Aspects of Carbohydrate Metabolism of the Cerebral Cortex under Extinction and Restoration of the Life Functions of the Organism." Acad Med Sci USSR. Moscow, 1956.

PETYAYEV, S. I. -- "The Biological Principles of Cultivating Olives in the USSR." Published by the Acad Sci Azerbaijdzhan SSR. Acad Sci USSR. Botanical Inst imeni V. I. Komarov.

For the Degree of Candidate in Sciences

ANDREYEVA, V. A. -- "The Excretory Function of the Stomach in Pathology of Higher Nervous Activity." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Laboratory of Cortical-Visceral Pathology. Leningrad, 1955.

GOLESHCHIKHIN, A. K. -- "The Organization and Conduct of Continuous Rat Extermination at a Single Point under Conditions of a Populated Place." Min Higher Education USSR. Kishinev State U. Kishinev, 1955.

D'YAKOVA, G. A. -- "Bacterial Burn on Pears in the USSR and the Biology of Its Causative Agent." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Soil Biology Faculty. Leningrad, 1955.

KARANDEYEVA, O. G. -- "Ecological-Physiological Investigation of Temporary Anaerobiosis of Certain Lower Invertebrates." Moscow State U imeni M. V. Lomonosov. Soil Biology Faculty. Moscow, 1956.

KUZNETSOVA, R. A. -- "Specialization of the Species Puccinia glumarum and the Role of Herbaceous Grasses in Transmitting Infections to

STAT



Grain Cultures." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Plant Conservation. Leningrad, 1955.

LEKBORASHVILI, G. A. -- "Mat Grasses of the Greater Caucasus within Eastern Georgia." Published by the Acad Sci Georgian SSR. Inst of Botany. Tbilisi, 1955.

NORIN, B. N. -- "Aspects of Seminal and Vegetative Restoration of Forest Growth in the Forest Tundra of the Ob'-Taz Peninsula." Acad Sci USSR. Botany Inst imeni V. L. Komarov. Leningrad, 1956.

PILIPENKO, M. Ye. -- "The Embryonic Development of Chicks in the 'Rekord-39' Incubator and Their Transition to the Post-Embryonic State." Min Higher Education Ukrainian SSR. Khar'kov Veterinary Inst. Khar'kov, 1955.

SADYKHOV, I. A. -- "Helminthofauna of Fur-Bearing Animals of the Azerbaydzhan SSR." Published by the Acad Sci Azerbaydzhan SSR. Acad Sci Azerbaydzhan SSR. Inst of Zoology. Baku, 1955.

SAMOSH, V. M. -- "The Shoulder Joint of Mammals (Functional Analysis)." Acad Sci Ukrainian SSR. Inst of Zoology. Kiev, 1955.

TERENT'YEVA, M. I. -- "Aspects of the Development and Growth of Grasses in Connection with Mechanical Injury to Seeds." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1956.

TUPITSYN, D. I. -- "The Biology of Development of the Fruit-Buds of Plums under the Conditions Prevailing in Uzbekistan." Published by SAGU. Min Higher Education USSR. Central Asia State U imeni V. I. Lenin. Tashkent, 1955.

KHRAMOVA, N. I. -- "On Certain Biological Properties of Scarlatina Streptococci." Molotov State Medical Inst. Molotov-Gor'kiy, 1956.

SHANIDZE, M. A. -- "An Anatomical Analysis of the Vegetative Organs of the Georgian Representatives of the Genus Iris L. as Material for Understanding the Phylogenesis of the Genus." Published by the Acad Sci Georgian SSR. Acad Sci Georgian SSR. Inst of Botany. Tbilisi, 1955.

SHEVCHENKO, A. K. -- "Malaria Mosquitos of Khar'kov Oblast and the Struggle against Them Using DDT and Hexachlorane." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy. Khar'kov, 1955.

#### TECHNICAL SCIENCES

For the Degree of Doctor in Sciences

BERGER, A. Ya. -- "The Problem of Double Windings in Turbogenerators." Min Higher Education USSR. Leningrad Correspondence Industrial Inst. Leningrad, 1955.

DYUSKIN, V. K. -- "Thermal and Hydraulic Systems of Thermal Networks and Systems of Hot-water Heating." Published by the Min Communal Economy RSFSR. Academy of the Communal Economy imeni K. D. Pamfilov. Moscow, 1955.

STAT



KLUSHIN, M. I. -- "Investigation of the Process of Plastic Deformation during Metal Cutting." Min Higher Education USSR. Moscow Order of Lenin and Order of Labor Red Banner Higher Technical School imeni Bauman. Moscow-Gor'kiy, 1955.

MARKOV, G. T. -- "The Excitation of Wave Guides and Antennae." Min Higher Education USSR. Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov. Moscow, 1956.

PROZOROV, L. V. -- "The Flow of Metal During Pressing." Min Higher Education USSR. Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin. Moscow, 1955.

SHEVLYAKOV, Yu. A. -- "Some Problems in the Statistics of Inclined Membranes and Sheets." Acad Sci Ukrainian SSR. Inst of Structural Mechanics. Kiev, 1955.

For the Degree of Candidate in Sciences

ABBASOV, F. A. -- "Creeping of Concrete during Expansion and the Effect of This on the Resistance of Expanded Parts of Reinforced-Concrete Girders." Min Construction Materials Industry Azerbaydzhan SSR. Azerbaydzhan Sci Res Inst of Construction Materials and Structures imeni S. A. Dadashev. Baku, 1955.

ANTONOVICH, L. N. -- "Investigation of the Effects of the Properties of Cellulose on Its Grinding Properties." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955.

BAYBUTAYEV, K. B. -- "A Comparative Test of Various Systems of Solar Water Heaters." Acad Sci USSR. Power Engineering Institute imeni G. M. Krzhizhanovskiy. Moscow, 1955.

BELYAYEV, Ye. V. -- "The Development of Measures to Protect Main Pipelines from the Harmful Effects of Mine Work." Min Higher Education USSR. Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst. Leningrad, 1955.

BLAGOY, V. S. -- "A Method of Calculating the Current and Static Traction Characteristics of Alternating-Current Electromagnets as Used in the Power Supply of High-Voltage Circuit-Breakers." Min Higher Education Ukrainian SSR. Kiev Order of Lenin Polytechnic Inst. Chair of "Central Electric Power Stations." Kiev, 1955.

BOGDANOV, I. Ye. -- "Increasing the Effectiveness of Using Systems of Packing on Symmetrical Trunk Cable Lines for Communications." Min Communications USSR. Moscow Electrical Engineering Inst of Communications. Moscow, 1956.

BORISOV, B. P. -- "Investigation of the Working Process of a Diesel Compressor with a Free-Moving Piston (SPDK)." Min Higher Education USSR. Moscow Order of Lenin Aviation Inst imeni Sergo Ordzhonikidze. Moscow, 1956.

VOLKOV, Yu. M. -- "A Study of the Synthesis of Sulfonaphthenic Acids as Raw Material for the Production of Detergents to Replace Fat Soaps and for Other Purposes." Min Higher Education Ukrainian SSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1955.

STAT



- GRIGORYAN, N. P. -- "Damping Equipment for the System of a High-Speed Rotor." Min Higher Education USSR. Yerevan Polytechnic Institute imeni K. Marks. Yerevan, 1955.
- DADASHEV, D. R. -- "Investigation of the Acceleration of the GAZ-M20 Automobile." Min Higher Education USSR. Georgian Order of Labor Red Banner Polytechnic Institute imeni S. M. Kirov. Tbilisi, 1955.
- DEMENT'YEV, N. S. -- "Investigation of the Adhesion of Material to a Concave Metal Strip." Min Higher Education USSR. Leningrad Order of Lenin and Order of Labor Red Banner Mining Institute. Leningrad, 1955.
- DRONOVA, N. F. -- "Investigation of the Rotation of the KDM-46 Diesel Engine in Connection with the Problem of Improving Its Operational Characteristics." Min Higher Education USSR. Chelyabinsk Institute of the Mechanization and Electrification of Agriculture. Chelyabinsk, 1955.
- ZOLOTAREV, A. G. -- "Problems of the Organization of Reinforcement Work and the Preparation of Concrete Forms on Hydraulic-Engineering Construction." Min Higher Education USSR. Leningrad Polytechnic Institute imeni M. I. Kalinin. Leningrad, 1955.
- IYEVLEV, V. N. -- "An Experimental Study of the Process of Gas Combustion in Tunnel Burners." Acad Sci USSR. Power Engineering Institute imeni G. M. Krzhizhanovskiy. Moscow, 1956.
- KARASIK, I. B. -- "Investigation of Certain Parameters of Explosion Work in Mine Work in Homogeneous Rock." Min Higher Education USSR. Moscow Institute of Nonferrous Metals and Gold imeni M. I. Kalinin. Khar'kov, 1955.
- KIKERPIL', E. P. -- "Investigation of the Possibility of Using Heavy Oils from Estonian Oil Shale for the Preservation of Lumber." Min Higher Education USSR. Leningrad Order of Lenin Institute of Railroad Transport Engineers imeni Academician V. N. Obratsov. Tallin, 1955.
- KOBOZEV, V. M. -- "Investigation of the Coefficient of Cohesion and the Formation of Flat Spots on the Wheels of Streetcars during Breaking." Min Higher Education USSR. Moscow Automobile and Road Institute imeni V. M. Molotov. Moscow, 1955.
- KOLOSOVA, V. M. -- "The Problem of Legal-Expert Identification Using the Spectrographic Methods." Leningrad Institute of Precision Mechanics and Optics. Moscow, 1955.
- KRUPIN, A. F. -- "Investigation of Metallization Coverings." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Institute imeni S. M. Kirov. Tomsk, 1955.
- KUZNETSOVA, V. P. -- "A Study of the Chemical Composition of Cracking Residue and Changes in It during the Separation Process." Acad Sci USSR. Institute of Mineral Fuels. Moscow, 1956.
- LAZAREV, Ye. N. -- "Physicochemical Processes in the Preservation of Refrigerated Meat in Sides and Small Parts." Min Higher Education USSR. Leningrad Technological Institute of the Refrigeration Industry. Leningrad, 1955.

STAT



**LARIN, B. A.** -- "The Effect of Harvesting Conditions of Grain Cultures in Irrigated Agriculture on the System of Operation and the Power Economy of Combines." Min Higher Education USSR. Chelyabinsk Inst of the Mechanization and Electrification of Agriculture. Chelyabinsk, 1955.

**LESKOV, M. M.** -- "Determination of the Location of a Ship and Corrections to Its Compass from Two Objects." Leningrad Higher Engineering Maritime School imeni Admiral Makarov. Leningrad, 1955.

**NEYMAN, S. M.** -- "A New Method of Autonomous Synchronization of Phototelegraphic Equipment." Leningrad Electrical Engineering Inst of Communications imeni Professor M. A. Bonch-Bruyevich. Leningrad, 1955.

**NESTEROV, A. F.** -- "High-Precision Geodetic Control of the Adjustment of the Guides of the ShS-500 Conveyor." Moscow Inst of Engineers of Geodesy, Aerial Photography, and Cartography. Moscow, 1955.

**PEDAN, M. S.** -- "The Development and Investigation of an Absolute Method of Measuring the Velocity of an Air Current and the Determination of Coefficients of Sample Velocity Tubes." Commission on Standards, Measures, and Measuring Instruments, Council of Ministers USSR. All-Union Sci Res Inst of Metrology imeni D. I. Mendeleev. Leningrad, 1955.

**PLYUSHCH, O. F.** -- "The Use of Polychlorovinyl Pitch in Monumental-Decorative Work." Academy of Architecture Ukrainian SSR. Inst of Monumental Portraiture and Sculpture. Kiev, 1955.

**POPOV, D. N.** -- "Automatic Velocity Regulation of Hydroturbines Using Remote Sensing Elements." Min Higher Education USSR. Moscow Order of Lenin and Order of Labor Red Banner Higher Technical School imeni Bauman. Moscow, 1956.

**PRODANOV, L. V.** -- "Methods of Analyzing Certain Stabilized and Transitory Systems of Synchronous Generators Equipped with Automatic Regulation of Excitation." Min Higher Education USSR. Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov. Moscow, 1956.

**RAGIMOV, A. G.** -- "Investigation of the Binder Equipment of Flax-Harvesting Machinery and Establishment of Optimum Parameters of Equipment for Harvesting Long-Staple Flax." Joint Academic Council, All-Union Sci Res Inst of the Mechanization of Agriculture (VIM); and All-Union Sci Res Inst of the Electrification of Agriculture (VIESKh). Moscow, 1955.

**ROZENSON, I. S.** -- "Investigating Ways of Improving the Operation and Increasing the Power of Extraction Equipment." Min Higher Education USSR. Moscow Textile Inst. Moscow, 1955.

**ROSTOVITSEVA, K. I.** -- "The Development of a Method of Preparing Multi-Colored Decorative Ceramics with a Single Firing." Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev. Moscow, 1956.

**SNITKO, A. A.** -- "Establishment of the Cost Parameters for Maintaining Mine Drifts Reinforced with Metal Supports under the Mine Conditions of the Central Donbass." Min Higher Education Ukrainian SSR. Dnepropetrovsk Order of Labor Red Banner Mining Inst imeni Artem. Dnepropetrovsk, 1955.



STAT



- SOKOLOVA, O. I. -- "Investigation of the Processes of Forming Calcium Hydroaluminates." Min Higher Education USSR. Leningrad Order of Labor Red Banner Technological Inst imeni Leningrad Soviet. Leningrad, 1955.
- SOLNTSEV, L. A. -- "Some Problems of the Unequilibrated Crystallization of Alloys." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tomsk, 1955.
- TER-OVANESOV, G. S. -- "The Combined Operation of Gratings, Pilings, and Ground in Suspended Piling Foundations." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1956.
- TERTEROV, M. N. -- "Perfection of the Technological Process of Break-Up of Trains on Hills by Introducing New Techniques." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obratsov. Leningrad, 1955.
- TIKHOMIROV, K. V. -- "History of the Development of Radiant Heating and an Investigation of It under Natural Conditions." Moscow Inst of Municipal Construction Engineers of the Moscow City Executive Committee. Moscow, 1955.
- TUROVSKIY, A. P. -- "Investigation of Bubbling Steam-Scrubbing Equipment on Air-Water and Steam Stands." Min Heavy Machine Building USSR. Central Boiler and Turbine Inst imeni I. I. Polzunov (TsKTI). Leningrad, 1955.
- USPENSKIY, V. P. -- "Investigation of the Force of the Bucket Chain on Trenching Excavators with Inclined Bucket Framework." Min Higher Education USSR. Leningrad Order of Labor Red Banner Construction Engineering Inst. Leningrad, 1955.
- FRIDKIN, A. Ya. -- "The Steel Skeletons of Industrial Buildings with Flexible Connections at the Joints." State Planning Inst "Leningrad Industrial Construction Planning." Leningrad, 1955.
- SHAPOVALOV, S. I. -- "A Study of the Effects of Modification, Temperature of Heating, and Chemical Composition of Cast Iron on the Structure and Stability of Casting Molds." Min Higher Education USSR. Donets Order of Labor Red Banner Industrial Inst imeni N. S. Krushchev. Stalino, 1955.

#### AGRICULTURAL SCIENCES

For the Degree of Doctor in Sciences

- SIL'YANDER, A. A. -- "Problems of the Directed Training of Young Agricultural Animals." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.

For the Degree of Candidate in Sciences

- ADMINA, L. Ya. -- "The Effect of Various Types of Feeding on the Embryonic Growth and Development of Pigs." Min Higher Education Ukrainian SSR. Ukrainian Order of Labor Red Banner Agricultural Academy. Kiev, 1955.

STAT



- BOGUSH, P. P. -- "The Small 'nazemnaya sovka' (Cutworm Moth)." Min Higher Education USSR. Uzbek Agricultural Inst imeni V. V. Kuybyshev. Samarkand, 1955.
- VINOGRADOVA, N. P. -- "The Flooded Meadows of the Lowlands of the River Moksha in the Mordvinian ASSR and Increasing Their Productivity." Acad Sci Belorussian SSR. Inst of Socialist Agriculture. Minsk, 1955.
- VINOGRADOVA, T. A. -- "Microbiological Processes in the Soils of Crop Pastures and Activization of Them by Applying Organic Fertilizers." Acad Sci Estonian SSR. Department of Biological, Agricultural, and Medical Sciences. Tallin, 1955.
- GUR'YANOVA, O. Z. -- "The Effect of Worms and Organic Fertilizers on the Structure Formation of Chernozem Soils." All-Union Sci Res Inst of Fertilization, Agricultural Engineering, and Soil Science. Moscow, 1956.
- DOSPEKHOV, B. A. -- "Cultivating the Sod-Podzolic Soils by Protracted Use of Fertilizers, Lime, Crop Rotation, and Repeated Sowing." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- ZLOBINA, K. D. -- "The Effects of the Times and Methods of Sowing on Increasing the Harvest of Fodder Beets in the Non-Chernozem Belt." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.
- KNYAZEV, N. K. -- "A Comparative Study of the Growth and Development of Calves from Crossing Kholmogory Cattle with Siementhal and Kostroma Breeds." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.
- LEBKOV, V. F. -- "Organization of Economy in the Bryansk Forest Massif Taking into Account the Type of Forest." Min Higher Education USSR. Belorussian State Forestry Engineering Inst imeni S. M. Kirov.
- LILLEMA, A. I. -- "Soils and Soil Regions of the Estonian SSR." Acad Sci Estonian SSR. Department of Biological, Agricultural, and Medical Sciences. Tallin, 1955.
- LOBASENOK, A. K. -- "The Physicomechanical Properties of the Wood of the Black Alder in Connection with the Type of Forest." Min Higher Education USSR. Belorussian Forestry Engineering Inst imeni S. M. Kirov. Moscow, 1955.
- MALTABAR, V. M. -- "The Types of Grapes and Their Directed Agricultural Engineering in Order to Obtain High-Quality Brandies in Moldavia." Min Higher Education Ukrainian SSR. Odessa Agricultural Inst. Kishinev, 1956.
- MANANNIKOVA, V. P. -- "Double and Triple Hybrids of Sheep in Order to Transform Coarse-Wooled Sheep into Semi-Fine-Wooled Sheep." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.
- MAKHROVSKAYA, Z. A. -- "A Comparative Study of the Productivity of Mixtures of Annual Grasses under the Conditions prevailing in Kostroma Oblast." All-Union Sci Res Inst of Fodder imeni V. R. Vil'yams. Moscow, 1955.

STAT



MURZAYEV, K. A. -- "The Pruning of Apricots According to the Method of Professor P. G. Shitt under the Conditions Prevailing in Daghestan." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956.

NIKURADZE, D. I. -- "An Analysis of Breeding Work in the Cattle Herd of the Kostroma Breed on the 'Proletariy' Breeding Sovkhoz in Vladimir Oblast." Moscow Veterinary Academy, Min Higher Education USSR. Chair of Cattle. Moscow, 1955.

SAFONOVA, A. M. -- "The Development of Economically Valuable Signs in the Hybridization of Breeds of Silkworms." Min Higher Education USSR. Tashkent Agricultural Inst. Tashkent, 1955.

TERENT'YEV, N. D. -- "Problems of Increasing the Productivity of Kolkhoz Deer Raising of the Nenets National Okrug, Arkhangel'sk Oblast." Min Higher Education USSR. Leningrad Agricultural Inst. Pushkin, 1955.

SHVALKOVSKAYA, Dz. K. -- "Changes in the Physical Properties of Sandy Soils under the Influence of Cultivation." Min Higher Education USSR. Latvian Agricultural Academy. Riga, 1955.

SHIROKOV, B. I. -- "Investigation of the Phenomena of Soil Electro-Osmosis as Applied to Plowing." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin, All-Union Sci Res Inst of Fertilization, Agricultural Engineering, and Soil Science. Moscow, 1955.

SHCHEPETNEV, P. Ye. -- "Agrobiological Evaluation of Types of Winter Wheat Depending on Their Nutrition." Min Higher Education USSR. Kishinev Agricultural Inst imeni M. V. Frunze. Kishinev, 1955.

#### VETERINARY SCIENCES

For the Degree of Candidate in Sciences

ZOLOTYKH, A. A. -- "The Viability of Streptococcus Equi under Various Conditions of the External Environment." Min Higher Education USSR. Kirgiz Agricultural Inst imeni K. I. Skryabin. Chair of Microbiology. Frunze, 1955.

KUDRYAVTSEV, A. V. -- "The Use of the Lamellar Method of the Agglutination Reaction with Colloidal Antigen for Diagnosing Brucellosis in Cattle." Min Higher Education USSR. Leningrad Veterinary Inst. Leningrad, 1955.

PUSTOVOY, I. F. -- "A Study of the Treatment of Dogs for Cestodosis." Min Agriculture USSR. All-Union Inst of Helminthology imeni Akademika K. I. Skryabin. Moscow, 1956.

#### MEDICAL SCIENCES

For the Degree of Doctor in Sciences

VAKSLEYGER, G. A. -- "The Effect of Stimulation of the Vagus Nerve on Respiratory Movements in Mammals." Kuybyshev State Medical Inst. Chair of Normal Physiology. Kuybyshev, 1955.



GURVICH, N. L. -- "Fibrillation and Defibrillation of the Heart." Acad Med Sci USSR. Laboratory of Experimental Physiology for Restoration of the Organism. Moscow, 1956.

PARDZHANADZE, Sh. K. -- "The Effect of Akhtala Mud on Certain Liver Functions." Georgian State Publishing House for Medical Literature. Tbilisi State Medical Inst. Tbilisi, 1955.

YUDENICH, V. A. -- "Vaccine Prophylaxis of Tularemia." Smolensk State Medical Inst. Smolensk, 1954.

For the Degree of Candidate in Sciences

AVETISYAN, M. P. -- "The Treatment of Patients with Diseases of the Bone Joints at the Alma-Arasan Spa." Acad Sci Kazakh SSR. Inst of Physiology. Inst of Regional Pathology. Inst of Experimental Surgery. Alma-Ata, 1955.

AMIRDZHANOV, K. A. -- "The Clinical Course of Toxic Forms of Diphtheria." Azerbaydzhan State Medical Inst. Baku, 1955.

BAYTERYAKOVA, N. R. -- "The Allergic Reactivity of the Organism under the Influence of Typhus-Paratyphus Vaccines." Kazan' State Medical Inst. Kazan', 1955.

BIZYUKIN, N. F. -- "The Hygienic Basis for Orientation of Residence Rooms on Low Structures in the Ukraine." Khar'kov Medical Inst. Khar'kov, 1955.

BOYKO, Z. S. -- "The Effect of Remote Cooling of the Skin on the Functional State of the Tonsils." First Leningrad Medical Inst imeni Academician I.P. Pavlov. Leningrad, 1955.

BUDNIK, I. M. -- "Material on the Diagnosis of Tuberculous Meningitis in Children." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1955.

BUROVA, V. I. -- "The Human Thoracic Cavity during the Intrauterine Period of Development." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1955.

BURUKHINA, V. P. -- "The Problem of Changes in the Reactivity of the Organism of Patients with Bronchial Asthma." Min Health USSR. First Leningrad Medical Inst imeni Academician I. P. Pavlov. Leningrad, 1955.

GOL'DENBERG, M. Yu. -- "The Therapeutic Effectiveness of Raw Borislav Ozocerite in Treating Certain Skin Diseases." L'vov State Medical Inst. L'vov, 1955.

GONCHARENKO, L. Ye. -- "The Development of Nuclei of the Human Trifacial Nerve." Khar'kov Medical Inst. Khar'kov, 1955.

DAVYDOVA, A. P. -- "The Reconstruction of Defects of the Foot." Leningrad State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov. Leningrad, 1955.

DENISOV, N. S. -- "Clinical-Roentgenological Observations of the Processes of Bone Regeneration in the Treatment of Diaphysial Bone Breaks."



Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1955.

YERSHOVA, G. I. -- "Hygienic Evaluation of Nutrition of Sporting Groups and Measures to Rationalize It." Min Health RSFSR. Moscow Medical Stomatological Inst. Moscow, 1956.

ZOLOTAREVA, R. A. -- "Cardiac Suture and the 'Dangerous Zones' of the Heart (Experimental-Clinical Investigation)." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.

ZOLOTKO, Yu. L. -- "The Arterial Blood Supply of the Soft Surface Tissues of the Face." Min Health USSR. First Leningrad Medical Inst imeni Academician I. P. Pavlov. Leningrad, 1955.

KLEPIKOV, V. A. -- "The Fasciae and Cellular Space in the Wrist." First Moscow Order of Lenin Medical Inst imeni I. M. Sechenov. Moscow, 1956.

KRUCHININA, I. L. -- "Material on the Innervation of the Mucosa of the Middle Ear." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.

MAKAROVSKAYA, L. N. -- "Preventive and Therapeutic Effect of Antibiotics in Experimental Plague." Min Health USSR. State Sci Res Inst of Microbiology and Epidemiology of the Southwest of the USSR "Mikrob." Saratov, 1955.

MARKINA, Z. V. -- "Blood Formation in Various Forms and At Various Periods of Malaria." Saratov State Medical Inst. Saratov, 1955.

MOTAVKIN, P. A. -- "Histological Changes in the Nervous Elements of the Lumbar and Sacral Spinal Ganglia in Trauma of the Sciatic Nerve." Ivanovo State Medical Inst. Yaroslavl', 1955.

NARSIYA, A. G. -- "Morphological Changes in the Organs (Liver, Pancreas, Kidneys, Suprarenal Glands, Cardiac and Skeletal Muscles) in Experimental Alimentary Dystrophy." Georgian State Publishing House for Medical Literature. Tbilisi State Medical Inst. Tbilisi, 1955.

NAUGOL'NOVA, S. B. -- "On the State of the Functional Capacity of the Kidneys in Various Stages of Cardiovascular Insufficiency." Khar'kov Medical Inst. Khar'kov, 1955.

NIKOLAYEVA, N. V. -- "On Certain Methods of Treating Erythremia." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.

OVCHAROV, V. K. -- "The Development of Medical Higher Education in the USSR and the Role Played by the Second Moscow State University (1918-1930)." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955.

ONOPRIYENKO, N. V. -- "The State of the Nervous Apparatus of the Vagina and Uterus of the Cat in Various Physiological Periods and After the Administration of Estrogens (Experimental-Morphological Investigations)." Min Health RSFSR. Saratov Medical Inst. Saratov, 1955.

PILIPENKO, V. A. -- "Indexes of the Functional State of the Cardiovascular System in Patients Suffering from Diabetes Mellitus." Odessa State Medical Inst imeni N. I. Pirogov. Odessa, 1955.

STAT



- PISARENKO, V. I. -- "Agglutinins in Dysentery of Children. Based on Material from the City of Stalinabad." Samarkand State Medical Inst imeni Academician I. P. Pavlov. Stalinabad, 1955.
- RYZHKOVA, M. N. -- "The Clinical Aspects, Early Diagnosis, and Treatment of Chronic Manganese Intoxication (Clinical-Physiological Investigation)." Acad Med Sci USSR. Moscow, 1956.
- SLEPYKH, A. S. -- "The Development of the Innervation of the Uterine Tubes." Kishinev State Medical Inst. Kishinev, 1955.
- TROSHINA, A. Ye. -- "The Effect of Protracted Use of Barbamil on Carbohydrate Metabolism and the Biological Currents of the Brain." Min Health RSFSR. Moscow Medical Stomatological Inst. Ryazan', 1956.
- KHOLMATOV, I. B. -- "The Effect of Stenosis of the Trachea and Throat on Stomach Functions." Min Health RSFSR. Moscow Medical Stomatological Inst. Moscow, 1956.
- TSESSARSKAYA, T. P. -- "An Experimental Study of the Effect of Urethane on Blood Formation in the Bone Marrow." Second Moscow State Medical Inst imeni I. V. Stalin.
- CHIKVAIDZE, V. N. -- "The Dynamics of Renin and Renol in the Kidneys in Experimental Reflexogenic Hypertension and the Effect on Them of Narcotic Substances." Published by the Acad Sci Georgian SSR. Acad Sci Georgian SSR. Tbilisi State Medical Inst. Tbilisi, 1955.
- CHISTYAKOV, S. I. -- "Experimental Verification of Autoclave Procedures as Applied to the Problems of Preserving Blood." Min Health RSFSR. Ivanovo State Medical Inst. Hospital Surgical Clinic. Ivanovo, 1956.
- CHUVIKINA, V. T. -- "The Function of the Kidneys in Hypertonic Disease." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Chair of the Faculty Therapeutic Clinic. Kiev, 1955.
- SHTEYN, L. B. -- "The Appearance of Active Tonus of the Lungs Under Experimental Conditions." Min Health RSFSR. Leningrad Sanitary-Hygiene Medical Inst. Leningrad, 1955.
- SHCHEPOTIN, B. M. -- "Material on the Study of the Antitoxic Function of the Liver in Typhoid Patients." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1955.

## PHARMACEUTICAL SCIENCES

For the Degree of Candidate in Sciences

- LITVINENKO, M. N. -- "Investigation of 'Sparkling' Valerian (Valeriana nitida Kr.), of the Family of Valerianaceae." Min Health USSR. Moscow Pharmaceutical Inst. Khar'kov, 1955.

## PEDAGOGICAL SCIENCES

For the Degree of Doctor in Sciences

- ARISKIN, I. T. -- "The Schools in Lithuania and Popular Education in the Lithuanian SSR (1861-1954)." Academy of Pedagogical Sciences

STAT



RSFSR. Inst of the Theory and History of Pedagogy. Moscow, 1955.

For the Degree of Candidate in Sciences

BEKBASOV, A. -- "The Problem of the Psychology of Initial Mastery of the Russian Language by Kara-Kalpak Students." Academy of Pedagogical Sciences RSFSR. Inst of Psychology. Moscow, 1956.

IVASHKEVICH, N. P. -- "The Use of Motion Pictures among the Techniques of Polytechnic Training." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of Methodology in Physics Lectures. Leningrad, 1956.

OLIFER, G. M. -- "The Basic Principles of Teaching Methodology of the Solution of Planimetric Problems in Construction in the Intermediate School in the Light of the Problems of Polytechnic Teaching." Min Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1955.

SOSEDOVA, N. I. -- "The Methodology of Teaching the Inflections of the Russian Verb in the Fifth and Sixth Classes of the Azerbaydzhan Schools." Academy of Pedagogical Sciences RSFSR. Sci Res Inst of Teaching Methods.

SURAZAKOVA, N. N. -- "Methodology of Teaching the Verb Conjugation of the Native Language in the Fifth Class of the Altay School." Academy of Pedagogical Sciences RSFSR. Sci Res Inst of Teaching Methods.

ARCHITECTURAL SCIENCES

For the Degree of Candidate in Sciences

YELISEYEV, I. K. -- "The Minimum Composition of a Series of Standard Designs of Dwelling Houses (On the Example of Standard Planning in the Belorussian SSR)." Min Higher Education USSR. Belorussian Polytechnic Inst imeni I. V. Stalin. Chair of Architecture. Minsk, 1955.

\* \* \*