

Page Denied

STAT

Next 1 Page(s) In Document Denied



DISSERTATIONS FOR DEGREES IN SCIENCE AND ENGINEERING
DEFENDED AT USSR HIGHER EDUCATIONAL INSTITUTIONS (1/56)

Knizhnaya letopis'
 [Book Register],
 No 1, 1956, Moscow.
 Pages 102-122; 124.

PHYSICOMATHEMATICAL SCIENCES

For the Degree of Candidate in Sciences

- GOLOVCHENKO, V. P. -- "Investigation of Electrolyte Baths Using Spectral Analysis." Kiev State U imeni T. G. Shevchenko. Kiev, 1955.
- GRITSENKO, A. P. -- "Investigation of the Density of Substances in a Critical State." Min Higher Education Ukrainian SSR. Kiev State U imeni T. G. Shevchenko. Kiev, 1955.
- DASHKOVSKAYA, R. A. -- "Spectral Investigations of Solutions of Salts of Antimony Trichloride." Kiev State U imeni T. G. Shevchenko. Kiev, 1955.
- DUKHOVNIYY, M. A. -- "A Comparison of Double Singular Integrals." Dnepropetrovsk State U imeni 300th Anniversary of the Unification of the Ukraine with Russia. Dnepropetrovsk, 1955.
- YEFIMOV, Yu. Ye. -- "A Beta Spectrometer with Dual Deflection." Physicotechnical Inst. Acad Sci. Leningrad, 1955.
- IPATOVA, I. P. -- "On the Power Spectrum of 'Exiton' in an Ionic Crystal." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.
- LEPORSKIY, A. N. -- "Investigation of the Propagation of Sound Waves on Uneven Surfaces." Acad Sci USSR. Acoustic Inst. Moscow, 1955.
- MAKSIMOV, A. P. -- "Roentgenographic Investigation of the Atomic Structures of Some Two- and Three-Member Systems of Easily Corroded Alloys." Min Higher Education USSR. Rostov State U imeni V. M. Molotov. Rostov na Donu, 1955.
- MUKMINOV, B. R. -- "The Decomposition of Dissipative Nuclei by Eigen Functions." Khar'kov State U imeni A. M. Gor'kiy. Odessa, 1955.
- NADZHAFOV, K. A. -- "Points of Branching of Solutions of a Single Class of Non-Linear Integral Equations." Min Higher Education USSR. Azerbaydzhan State U imeni S. M. Kirov. Azerbaydzhan Order of Labor Red Banner Industrial Inst imeni M. Azizbekov.
- OGANESYAN, R. S. -- "On the Theory of Gravitational Stability." Moscow State U imeni M. V. Lomonosov. Physics Faculty. Moscow, 1955.
- PANAYOTI, B. N. -- "Cauchy's Problem for Equations with Partial Derivatives with Small Parameters in the Derivatives with Respect to Time." Min Higher Education USSR. Azerbaydzhan State U imeni S. M. Kirov. Inst of Physics and Mathematics. Acad Sci Azerbaydzhan SSR. Baku, 1955.

STAT



- PIYR, I. R. -- "Non-Linear Effects in the Movement of Photons in a Quantized Gravitational Field." Tartu State U. Tartu, 1955.
- RVACHEV, V. L. -- "The Calculation of an Infinite Beam Lying on an Elastic Semispace." Min Higher Education USSR. L'vov State U imeni Ivan Franko. L'vov, 1955.
- REBANE, K. -- "Investigation of Infra-Red Extinction in Phosphors of the Zinc Sulfide Type." Tartu State U. Tartu, 1955.
- STESHENKO, N. V. -- "Investigation of the Solar Chromosphere on the Basis of Spectrograms of the Eclipses of 25 February 1952 and 30 June 1954." Main Astronomical Observatory. Acad Sci USSR. Leningrad, 1955.
- USUBAKUNOV, R. U. -- "The Flow of a Plane-Parallel Stream with Supercritical Velocity through a Fissure from a Stream of Finite Width." Kirgiz State U. Frunze, 1955.
- FILIMONOV, V. N. -- "Investigation of the Interaction of Molecules with Electron-Acceptor Catalytic Agents Using the Method of Infra-Red Absorption Spectra." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.
- SHAMANSKIY, V. Ye. -- "The Approximate Solution of Marginal Problems for Some Equations of Elliptic Type Using the Cohesion Method." Acad Sci Ukrainian SSR. Inst of Mathematics.

CHEMICAL SCIENCES

For the Degree of Candidate in Sciences

- BEN', I. Ya. -- "Investigation of the Physicomechanical and Adhesion Properties of Vulcanized Adhesive Film Prepared from Butadiene-Styrene Rubber." Acad Sci Ukrainian SSR. Inst of General and Inorganic Chemistry. Kiev, 1955.
- VESELOVSKAYA, I. K. -- "The Interaction of Biphenyl with Methyl Chloride on Aluminum Oxide." Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev. Moscow, 1955.
- GABOVICH, A. A. -- "The Experimental Verification of the Basic Equations of Current in Oscillographic Polarography." Min Higher Education USSR. Moscow Order of Lenin State U imeni M. V. Lomonosov. Chemistry Faculty. Moscow, 1955.
- GALLAY, Z. A. -- "Determination of Alloying Elements in Steels and Alloys Using the Method of Amperometric Titration." Moscow State U imeni M. V. Lomonosov. Chemistry Faculty. Moscow, 1955.
- DEYCH, A. Ya. -- "Using Refractometry to Study Compounds of a Higher Order in Salts and Other Systems." Belorussian State U imeni V. I. Lenin. Minsk, 1955.
- DMITREVSKIY, G. Ye. -- "Investigation of the Process of Absorption of Silicon Tetrafluoride by Water When Accompanied by Bubbling." Min Higher Education Ukrainian SSR. Odessa State U imeni I.I. Mechnikov. Chair of Inorganic Chemistry. Odessa, 1955.

STAT



- ZINKOVA, E. V. -- "Polarographic Investigation of the Behavior of Cis-Trans Isomers." Min Higher Education USSR. Central Asia Polytechnic Inst. Tashkent, 1955.
- KUTKEVICHUS, S. I. -- "Investigation of the Products of Interaction of Ethyl Chlorohydrin and Aromatic Amines." Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev. Moscow, 1955.
- LEVITSKAYA, I. B. -- "Synthesis of Phthalazol and Norsulfazol with the Participation of Solid Components." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy. Khar'kov, 1955.
- NONINSKI, Khr. Iv. -- "Investigation of the Kinetics of Electrochemical Oxidation and Reduction of Quinhydrone." Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev. Moscow, 1955.
- POPOVSKAYA, N. P. -- "On the Interaction of Cadmium Nitrate with the Nitrates of Monovalent Metals in a Fused State." Rostov State U imeni V. M. Molotov. Chair of General and Inorganic Chemistry. Rostov na Donu, 1955.
- PRINTSEVA, Z. V. -- "Investigation of the Transformations of Di-Tertiary and Secondary-Tertiary Acetylene Glycols under the Influence of Sulfuric Acid." Min Higher Education USSR. Leningrad Order of Labor Red Banner Technological Inst imeni Leningrad Soviet. Leningrad, 1955.
- KHITRINA, N. A. -- "Complex Formation of Carbonyl Compounds with Other Organic Substances." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Chair of Organic Chemistry. Tomsk, 1955.
- YARYM-AGAYEVA, N. T. -- "Clarification of the Interaction between Aromatic Amines Using Methods of Physicochemical Analysis." Min Higher Education USSR. Novochoerkassk Polytechnic Inst imeni S. Ordzhonikidze. Novochoerkassk, 1955.

GEOGRAPHICAL SCIENCES

For the Degree of Candidate in Sciences

- SMIRNOV, L. Ye. -- "Producing Charts of the Mountain-Taiga Regions on a Scale of 1:10,000 Using Aerial Photography (Drawing the Relief and Decipherment)." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.

GEOLOGICOMINERALOGICAL SCIENCES

For the Degree of Doctor in Sciences

- LOBOV, V. A. -- "The Tectonics and Petroleum Reserve of Kuybyshev Oblast." Inst of Petroleum, Acad Sci USSR. Central Volga Dispatching Office, VNIGNI. Kuybyshev, 1955.

STAT



For the Degree of Candidate in Sciences

GUSEV, A. K. -- "The Biostratigraphy of the Tatar Formation of the Gor'-kiy-Kazan' Volga Region Based on the Lamellibranchia and Gastropod Mollusca." Kazan' Order of Labor Red Banner State U imeni V. I. Ul'yanov-Lenin. Kazan', 1955.

MIRONOVA, M. G. -- "Lower Permian Brachiopods of the Eastern Portion of the Pechora Coal Basin." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.

PYATENKO, Yu. A. -- "The Crystallochemistry and Mineralogy of Chkalovite." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Geological Faculty. Moscow, 1955.

BIOLOGICAL SCIENCES

For the Degree of Doctor in Sciences

BYKHOVSKAYA-PAVLOVSKAYA, I. Ye. -- "Trematodes of the Birds of the USSR (Ecological-Geographical Survey)." Leningrad State U imeni A. A. Zhdanov. Academic Council. Leningrad, 1955.

For the Degree of Candidate in Sciences

BELIZIN, A. P. -- "Biological Features of 'steklyannitsa temnokrylaya', Injurious to Poplars in the Ukraine near the Black Sea, and Measures to Combat It." Acad Sci Ukrainian SSR. Inst of Zoology. Kiev, 1955.

BOLOTNIKOV, A. M. -- "The Development of Chicks Under Conditions of Reduced Temperature and Periodic Darkening." Gor'kiy State U. Molotov, 1955.

BOROVIK, Ye. A. -- "The Zonal Characteristics of the Braslav Lakes of the Belorussian SSR and Their Significance for Investigations into the Fish Economy." All-Union Sci Res Inst of the Lake and River Fish Economy (VNIORKh). Leningrad, 1955.

VAVULO, P. F. -- "The Microflora of Peat-Bog Soils and Their Changes under the Influence of Reclamation and Agricultural Use." Belorussian State U imeni V. I. Lenin. Minsk, 1955.

VLASOVA, Ye. K. -- "Ecological Conditions for Raising Fish in the Ponds of the Trans-Carpathian Oblast, Ukrainian SSR." Kiev State U imeni T. G. Shevchenko. Dnipro, 1955.

GODNEVA, M. T. -- "The Effect of Gas and Light Conditions on the Accumulation of Fat in Seeds." Acad Sci USSR. Inst of Plant Physiology imeni K. A. Timiryazev. Moscow, 1955.

GUKASYAN, A. B. -- "The Biological Effectiveness of Fodder Protein Derived from Castor-Bean Cake, Cystine, and Elemental Sulfur." Moscow Veterinary Academy, Min Higher Education USSR. Chair of Organic and Biological Chemistry. Moscow, 1955.

KIMERIDZE, K. R. -- "'Bright'-Fescue Soils of Eastern Georgia." Tbilisi State U imeni Stalin. Chair of Botany. Tbilisi, 1955.

STAT



- KOSTIAN, N. V. -- "The Effect of Growing Conditions on the Anatomic-Morphological and Biochemical Features of Foxtail Millet." Acad Sci Ukrainian SSR. Inst of Botany. Kiev, 1955.
- KOSHKELOVA, Ye. N. -- "The Microflora of the Basic Botanical Regions of Kopet-Dag." Acad Sci USSR. Botany Inst imeni V. L. Komarov. Leningrad, 1955.
- KRASNOVA, M. V. -- "On the Morphology of Seasonal and Age Changes in the Gonads of Certain Reptiles and Birds." Min Higher Education USSR. Kazakh State U imeni S. M. Kirov. Alma-Ata, 1955.
- KRASOV, L. I. -- "Microflora and Fungus Diseases of Forest and Scrub Soils of Rostov Oblast." Rostov State U imeni V. M. Molotov. Chair of the Systematics of Higher and Lower Plants. Rostov na Donu, 1955.
- KUBANTSEV, B. S. -- "The Basic Features of the Distribution and Population Dynamics of the Small Siberian Marmot in Certain Regions of Western Kazakhstan." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Plant Conservation. Leningrad, 1955.
- LOBOV, V. P. -- "The Physiological Characteristics of the Structure of the Wheat Harvest in Order to Determine the Optimum Relationship between Straw and Grain under the Irrigated Conditions of the Southern Ukrainian SSR." Acad Sci Ukrainian SSR. Inst of Botany. Kiev, 1955.
- MIKHAYLOVA, G. R. -- "Cytophysiological Analysis of the Processes Occurring in Wounding and Grafting of Plants." Inst of Plant Physiology imeni K. A. Timiryazev. Acad Sci USSR. Moscow, 1955.
- MISHUSTINA, I. Ye. -- "Oligonitrophilic Soil Microorganisms." Inst of Microbiology, Acad Sci USSR. Soil Inst imeni V. V. Dokuchayev, Acad Sci USSR. Moscow, 1953.
- MUSAYEV, E. Yu. -- "The Effect of Darydag Arsenic Water and Arsenic Solutions on the Internal Organs of Animals." Min Higher Education USSR. Azerbaydzhan State U imeni S. M. Kirov. Chair of Genetics and Darwinism. Baku, 1955.
- NAVAN-CHIMID, M. -- "Seasonal Changes in the Individual Development of Mongolian Strains of Animals and Their Connection with the External Environment." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Leningrad, 1955.
- NEMTSEV, V. V. -- "Water Birds of the Rybinsk Reservoir and Methods of Their Economic Control." Zoological Inst, Acad Sci USSR. Academic Council. Leningrad, 1955.
- OVEZLIYEV, A. -- "The Effect of Afforestation on Certain Reclamation Properties of Soil and Aspects of the Microclimate under the Conditions of the Lowland of the Central Course of the Amu-Dar'ya." Published by the Acad Sci Turkmen SSR. Acad Sci Turkmen SSR. Department of Biological and Agricultural Sciences. Ashkhabad, 1955.
- ORLOV, A. S. -- "The Inclusion of Phosphorus in Nucleic Acids, Stably and Labilely Combined with Protein, in White Rats under General X-Ray Irradiation." Central Sci Res Roentgenological-Radiological Inst, Min Health USSR. Leningrad, 1955.

STAT



- PANCHENKO, S. G. -- "Water Birds of Karaganda Oblast." Acad Sci Kazakh SSR. Inst of Zoology. Alma-Ata, 1955.
- PLENINA, G. N. -- "Biochemical and Colloid-Chemical Shifts in the Blood and Urine under Brief Maximum Physical Loads." Rostov na Donu State U imeni V. M. Molotov. Rostov na Donu, 1955.
- PRIKHOD'KO, V. A. -- "The Acclimatization of 'ripus' (*Coregonus albula* inf. sp. ladogensis) in the Ponds of the Ukraine." Min Higher Education Ukrainian SSR. Kiev State U imeni T. G. Shevchenko. Kiev, 1955.
- PROKOPENKO, I. I. -- "Changes in the Hydro-Physical Properties of Peat Soils under the Effect of Drying and Agricultural Utilization." Min Higher Education Ukrainian SSR. Kiev State U imeni T. G. Shevchenko. Kiev, 1955.
- REYNSONE, A. D. -- "Parasitic Fauna of Fish in the Productive Lakes of the Latvian SSR." Latvian State U. Riga, 1955.
- FILIPPOVA, L. A. -- "Daily and Seasonal Changes in the Intensity and Composition of Products of Photosynthesis in Plants of Eastern Pamir." Acad Sci USSR. Botanical Inst imeni V. L. Komarov. Leningrad, 1955.
- KHRISTOLYUBOVA, N. B. -- "Experimental Investigations of the Regeneration of the Pancreas." Acad Sci USSR. Inst of Animal Morphology imeni A. N. Severtsov. Moscow, 1955.
- YANBUKHTINA, L. Kh. -- "Methods of Introducing Oily and Aqueous Solutions of Certain Pharmaceutical Preparations into the Skin of Cattle." All-Union Inst of Experimental Veterinary Medicine, Min Agriculture USSR. Moscow, 1955.

TECHNICAL SCIENCES

For the Degree of Doctor in Sciences

- ALEKHIN, S. V. -- "Investigation of the Wear of Locomotive Parts in Connection with the Problem of Increasing the Intervals between Repairs." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obratsov. Leningrad, 1955.
- MASYUKOV, V. N. -- "The Basis of New Methods of Producing Cold in Agricultural Production." 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.
- RZHEVSKIY, V. V. -- "Investigation of the System of Working Open-Pit Mines." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Moscow, 1955.
- TEPLOV, A. V. -- "The Scientific Basis for Using Pneumatic Breakwaters." Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1954.



For the Degree of Candidate in Sciences

- ABDURAGHIMOV, A. -- "Investigation of the Effect of Various Factors on the Kinetics of Hydrogenating Cottonseed Oil." Min Higher Education USSR. Central Asia Polytechnic Inst Tashkent, 1955.
- APOSTOL, A. V. -- "The Equilibrium between Moisture and Drying in Pressed Wood Pulp." Min Higher Education USSR. Moscow Forestry Engineering Inst. Voronezh, 1955.
- ASHKINAZI, M. I. -- "Technical-Economic Investigation of Vertical Non-Elevated Steel Gasoline Tanks at the Petroleum Bases of the Urban Economy." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- BELIANIN, V. A. -- "Investigation of Certain Properties of the Surface Layers of Structural Steel Following Electric-Spark Strengthening." Min Heavy Machine Building USSR. Central Sci Res Inst of Technology and Machine Building (TsNIITMash). Moscow, 1955.
- VAGANOV, G. I. -- "Investigation of the Shaking of Oil Barrels." Min River Fleet USSR. Gor'kiy Inst of Water Transport Engineers. Chair of the Organization of Movement. Gor'kiy, 1955.
- VIL'KOVA, S. N. -- "Using the Method of Luminescent Analysis to Investigate Gossypol." Min Higher Education USSR. Central Asia Polytechnic Inst. Tashkent, 1955.
- VOZDVIZHENSKIY, V. M. -- "Phase Transformation in Aluminum-Manganese Alloys and Aspects of Recrystallization Connected with These." Min Higher Education USSR. Moscow Aviation Technological Inst. Moscow, 1955.
- VOROB'YEVA, T. M. -- "Investigation of Ferromagnetic Fillers for Electromagnetic Clutches." Published by the Acad Sci USSR. Acad Sci USSR. Inst of Automatics and Telemechanics. Moscow, 1955.
- GOGOLEV, I. G. -- "Experimental Investigation of the Physical Processes in a Partial Turbine Stage." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Kiev, 1955.
- GOL'DIN, I. D. ---"The Theoretical Principles and Mechanical Methods of Constructing Graphic Representations in Mining." Min Higher Education Ukrainian SSR. Khar'kov Mining Inst. Khar'kov, 1955.
- GONCHAROV, I. A. -- "Investigation of the Turning of a Caterpillar-Type Tractor." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1955.
- GORNOV, O. F. -- "The Problem of Increasing the Reliability of Operation of Electric Traction Motors of Rail Motor Cars " Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.
- GORODETSKIY, M. N. -- "On the Use of Low-Power, High-Speed Steam Engines in the Power Installations of Railroad Transport." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.

STAT



- GRAKHOV, L. K. -- "The Effect of Individual Factors on the Thermal Balance of the Small-Scale Bessemer Process." Min Higher Education USSR. Central Asia Polytechnic Inst. Tashkent, 1955.
- GRATSIANSKAYA, Z. I. -- "The Effect of Surface-Active Substances on the Process of Optical Sensitization of Photographic Emulsions." Min Culture. Leningrad Inst of Cinema Engineers. Leningrad, 1955.
- GUBONIN, N. N. -- "Investigation of Margin Reinforcement in Connection with the Operation of Compressed Concrete in Curved Reinforced-Concrete Parts." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Chair of "Structural Plans and Buildings." Moscow, 1955.
- DADABAYEV, A. Yu. -- "Viscosity and Other Properties of the Slag of Non-ferrous Metallurgy (The Ternary SiO_2 -FeO-CaO System and the Quaternary SiO_2 -FeO-CaO- Al_2O_3 System)." Acad Sci Kazakh SSR. Inst of Metallurgy and Ore Dressing. Alma-Ata, 1955.
- DERBISHER, A. V. -- "Investigation of the Precision of Working on Semi-automatic Lathes and Methods of Adjusting Them to Specifications." Min Higher Education USSR. Moscow Automotive Mechanics Inst. Moscow, 1955.
- DOBROLENSKIY, V. P. -- "Investigation of Methods of Unrolling Sheet for External Sheathing for the Laying out to Scale of a Ship's Hull." Leningrad Shipbuilding Inst. Leningrad, 1955.
- ZHARNYL'SKIY, I. M. -- "Investigation of the Interaction of Woven Wire Screen with a Stream of Air." Min Higher Education USSR. Leningrad Agricultural Inst. Engineering Faculty. Leningrad, 1955.
- ZHUKOVSKAYA, Z. I. -- "Investigation of Processes of Long-Distance Heat Supply from Peat-Burning Heat and Electric-Power Centers." Acad Sci Belorussian SSR. Inst of Power Engineering. Minsk, 1955.
- ZAYTSEVA, L. M. -- "The Strength of Knots of Net-Tying Materials." Moscow Technical Inst of the Fish Industry and Economy imeni A. I. Mikoyan. Moscow, 1955.
- ZELENSKIY, V. I. -- "Investigation of the Working Process of a Single-Stage High-Pressure Axial Compressor." Min Higher Education Ukrainian SSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1955.
- IVANOV, I. P. -- "Investigation of the Plowing and Separation of a Layer of Virgin Peat-Bog Soil in a Single Complex Process." Acad Sci Belorussian SSR. Department of Physicomathematical and Technical Sciences. Inst of the Mechanization and Electrification of Agriculture. Minsk, 1955.
- IVANOVSKAYA, T. V. -- "On Certain Laws of the Growth of Crystals in Electrolysis, Which Determine the Luster of Metallic Coverings." Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev. Moscow, 1955.
- IL'IN, L. A. -- "Anti-Symmetrical Deformation of a Thin Conic Membrane." Acad Sci Ukrainian SSR. Inst of Structural Mechanics. Kiev, 1955.



- INOZEMTSEV, B. S. -- "Investigation of the Parallel Operation of Synchronous Generators with Piston Engines at Small Agricultural Electric-Power Stations." Min Higher Education USSR. Ukrainian Order of Labor Red Banner Agricultural Academy. Kiev, 1955.
- ISAKOV, G. A. -- "On the Fusible Properties of Oil Shale of the Estonian Deposit." Min Higher Education USSR. Moscow Order of Lenin Chemico-technological Institute imeni D. I. Mendeleev. Moscow, 1955.
- ISMAILOV, I. D. -- "The Use of Earth as a Phase Conductor in Field Networks." All-Union Scientific Institute of the Electrification of Agriculture (VIESKh). Moscow, 1955.
- KIREYEV, V. F. -- "Methods of Measuring the Curvature of Oil Wells." Min Higher Education USSR. Azerbaydzhani Order of Labor Red Banner Industrial Institute imeni M. Azizbekov. Baku, 1955.
- KOVAL', I. F. -- "Problems of Regulating the Operation of a Furnace in Connection with the Operation of Blast-Furnace Shafts." Min Higher Education Ukrainian SSR. Dnepropetrovsk Order of Labor Red Banner Metallurgical Institute imeni I. V. Stalin. Dnepropetrovsk, 1955.
- KOLEV, N. S. -- "Friction in the Process of Cutting Metals." Min Higher Education USSR. Novochoerkassk Polytechnic Institute imeni S. Ordzhonikidze. Novochoerkassk, 1955.
- KOMAROV, V. B. -- "Graphoanalytical Methods of Processing Aerial Photographs Using the Method of Base Planes of Distance." Min Higher Education USSR. Leningrad Order of Lenin and Order of Labor Red Banner Mining Institute. Leningrad, 1955.
- KOSHELEV, K. V. ---"Analysis of Hoisting and Lowering Operations in Drilling Large-Diameter Shafts." Min Higher Education USSR. Leningrad Mining Institute. Chair of the Construction of Mine Enterprises. Leningrad, 1955.
- KOSHELEV, K. L. -- "Investigation of the Phenomenon of Automatic Release in Lug- and Tooth-Type Clutches of Oil-Well Equipment." Min Higher Education USSR. Azerbaydzhani Order of Labor Red Banner Industrial Institute imeni M. Azizbekov. Baku, 1955.
- KUBENEV, KHADZHIKEN -- "The Selection of an Effective System of Working for the 'B' Layer of the Shurab Deposit." Min Coal Industry USSR. Academy of the Coal Industry. Moscow, 1955.
- KUZ'MINSKAYA, T. F. -- "Investigation of the Barley Grown in the USSR as a Raw Material for the Groats Industry." Min Higher Education USSR. Moscow Technological Institute of the Food Industry. Moscow, 1955.
- LAVRENT'YEV, M. V. -- "Investigation of the Conditions of Movement of a Stream along an Inclined River Bed Beneath a Bridge." Min Higher Education Ukrainian SSR. Kiev Automobile and Road Institute. Kiev, 1955.
- LANGUROV, I. Z. -- "Problems of Accelerating the Turnaround of Tank Cars." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Institute of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.
- LIN FEN-YUAN' -- "Analysis of Methods of Thermal Calculation of the Cylindrical Portion of a Locomotive Boiler with Fire-Tube Steam

STAT



Superheaters." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.

- LOMACHENKO, Z. N. -- "Investigation of Cutting Force in the High-Speed Turning of Steel and Cast Iron." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of the Technology of Machine Building. Kiev, 1955.
- LYSENKO, K. D. -- "Investigation of the Formation of Side-Products in the Xanthogenation of Alkali Cellulose." Min Higher Education USSR. Leningrad Textile Inst imeni S. M. Kirov. Leningrad, 1955.
- LYU KHUN -- "The Evaluation of Structural Solutions of the Principal Buildings of Open-Hearth Sections in the USSR." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- MAMEDOV, K. K. -- "Investigation of the Technological Process of Laying Down Permanent Irrigation Ditches with Plow-Type Canal Diggers." Acad Sci Belorussian SSR. Department of Physicomathematical and Technical Sciences. Minsk, 1955.
- MARTINAYTIS, M. A. -- "Investigation of the Physicomechanical and Physicochemical Properties of Anhydrite Cement Based on Kirdon Gypsum." Lithuanian Agricultural Academy. Kaunas, 1955.
- MIKHAYLOV, P. M. -- "Investigation of Thermal Exchange in a Single-Chamber Firebox with Liquid Slag Removal." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1955.
- MOLCHANOV, O. I. -- "Calculation of a Round Foundation Plate with a Ring of Rigidity (Without Winkler's Hypothesis)." Min Higher Education Ukrainian SSR. L'vov Polytechnic Inst. L'vov, 1955.
- MOROZOV, B. S. -- "Defects in Gas Removal in Magnesium Alloys and Methods of Eliminating Them." Min Higher Education USSR. Moscow Aviation Technological Inst. Moscow, 1955.
- NAREMSKIY, N. K. -- "Investigation of Centrifugal Separators for Pneumatic Transport." Min Higher Education USSR. Odessa Technological Inst imeni I. V. Stalin. Odessa, 1955.
- NATKINA, L. N. -- "Investigation of the Operation of Thermal Processing of Wood-Fiber Materials." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955.
- NOZADZE, A. D. -- "The Filling of a Rolling-Mill Section Groove Depending on Its Profile and the Condition of Its Surface." Min Higher Education USSR. Georgian Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tbilisi, 1955.
- OBUKHOV, P. N. -- "Investigation of the Process of Power Cutting of Steels." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Chair of "Machine Tools and Metal Cutting." Tomsk, 1955.
- OSIPOV, V. B. -- "Some Problems of the Hydrodynamic Effect of a Current on Erosion on the Lower Levels of Dams and Hydro Stations." Acad Sci Kazakh SSR. Inst of Power Engineering. Alma-Ata, 1955.



- PEGUSHIN, A. V. -- "A Study of the Method of Processing Shale Using the Principle of Radiant Heat Transmission in Non-Mixing Streams." Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev. Moscow, 1955.
- POKHODNYA, I. K. -- "The Metallurgical Aspects of a Weld Seam of High-Chrome Ice-Breaker Steel." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Kiev, 1955.
- PROSHIN, V. P. -- "Investigation of the Operation of a Hydrodynamic Brake in Dropping a Boring Column." Azerbaydzhan Order of Labor Red Banner Industrial Inst imeni M. Azizbekov. Baku, 1955.
- RADCHENKO, L. M. -- "The Effect of the Wear Resistance of the Cutting Edge of a Chisel on the Productivity of Pneumatic-Shock Drilling of Oil Wells under the Conditions of the Sokol and Bystrushin Mines." Acad Sci Kazakh SSR. Inst of Metallurgy and Ore Dressing. Alma-Ata, 1955.
- ROVKAKH, S. Ye. -- "Investigation of the Deterioration of Anti-Friction Bearings of the Caterpillar Tracks of Excavators and the Selection of Bronze Replacements." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955.
- ROY, A. A. -- "Seeking a Rational Technological Process and Working Parts for Threshing Castor Beans." Min Higher Education USSR. Moscow Inst of the Mechanization and Electrification of Agriculture imeni V. M. Molotov. Moscow, 1955.
- ROMANENKO, N. T. -- "The Determination of Rational Dimensions for Exhaust Systems of Four-Stroke Engines with Gas-Turbine Pressure Feed." Min Higher Education USSR. Moscow Order of Lenin and Order of Labor Red Banner Higher Technical School imeni Bauman. Moscow, 1955.
- RUSISHVILI, O. S. -- "The Transformation of Orthogonal Projections into Frontal Axonometric Projections." Min Higher Education USSR. Order of Labor Red Banner Georgian Polytechnic Inst imeni S. M. Kirov. Tbilisi, 1955.
- SVIRSHCHEVSKIY, Yu. I. -- "Investigation and Determination of the Coefficient of Resistance to Rolling of the Working Drive Wheel of Agricultural Machines over Old, Worked Peat-Bog Soil." Acad Sci Belorussian SSR. Department of Physicomathematical and Technical Sciences. Minsk, 1955.
- SEYLANOV, A. A. -- "The Formation of Bore Holes by the Cave-In Method in Driving through Tunnels." Min Railways. Tbilisi Inst of Railroad Transport Engineers imeni V. I. Lenin. Tbilisi, 1955.
- SIROTA, A. M. -- "Investigation of the Heat Content of Water Vapor in the Subcritical Region." Min Electric Power Stations USSR. All-Union Order of Labor Red Banner Heat Engineering Sci Res Inst imeni F. E. Dzerzhinskiy. Moscow, 1955.
- SOKOL'SKAYA, V. D. -- "The Effect of the Basic Ingredients of Rubber on Its Static Friction against Metal." Moscow Inst of Fine Chemical Technology imeni M. V. Lomonosov. Moscow, 1955.



- SOLOMIYCHUK, S. O. -- "Investigation of the Chemical and Commercial Qualities of the Apples of the Carpathian Piedmont." Moscow Inst of National Economy imeni G. V. Plekhanov. Moscow, 1955.
- SOFIYAN, A. P. -- "Investigation of the Interaction of the Motors of a Caterpillar-Type Tractor with the Soil." Min Higher Education USSR. Moscow Automotive Mechanics Inst. Moscow, 1955.
- STEPENKO, V. P. -- "The Organization of Locomotive Repair in the Depot on the Basis of New Techniques." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.
- STETSSENKO, V. V. -- "Investigation of the Operation of Plastic Bearings in Circulating Lubrication with Mineral Oils under Conditions of Constant and Variable Loads." Min Higher Education Ukrainian SSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1955.
- SULEYMENOV, S. -- "Investigation of Certain Physicochemical Properties of Foam Glass during Its Production." Acad Sci Kazakh SSR. Inst of Metallurgy and Ore Dressing. Alma-Ata, 1955.
- SUKHIN, D. Ye. -- "The Development and Investigation of a New Screw Mechanism for the Working Part of Plucking Equipment." 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.
- TARASOVA, A. P. -- "Refractory Concrete for Liquid Glass." Central Sci Res Inst of Industrial Structures (TsNIPs). Moscow, 1955.
- TEREKHOV, S. L. -- "Investigation of a Model of the Distribution of Shale and Gas Currents within a Compartment Kiln." Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D.I. Mendeleev. Moscow, 1955.
- TERPUGOV, Ye. N. -- "Problems of Regulating the Operation of Point Electromagnetic Welders." Min Higher Education USSR. Moscow Order of Labor Red Banner Higher Technical School imeni Bauman. Moscow, 1955.
- TRUBENOK, A. D. -- "Investigation of the Technological Process of Handling Apertures in Cast Iron with Reamers Fitted with Hard Alloys." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of the Technology of Machine Building.
- TUMANOVSKIY, Ye. I. -- "Investigation of the Problem of the Stability of the Image on the Screen in the Projection of Motion-Picture Films." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of Cinema Techniques. Kiev, 1955.
- FEDOROVA, N. S. -- "A Study of Hydrogen Supertension on Certain Electrodes in the Electrolytic Production of Chlorine." Min Higher Education USSR. Main Administration of the Technological Vuzes. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev. Moscow, 1955.
- FIGAROV, A. G. -- "The Stability and Elastic Properties of Unreinforced and Reinforced Piling of Sawn Limestone from the Apsheron Peninsula." Central Sci Res Inst of Industrial Structures (TsNIPs). Moscow, 1955.

STAT



- FILIMONOV, A. -- "Aspects of Traction Processes and Traction Calculations in the Maneuvering of Locomotives." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1955.
- KHARCHENKO, S. I. -- "Investigation of Losses and Flow of Melted Waters (Based on Material from DNIGL)." Main Administration of the Hydro-meteorological Service, Council of Ministers USSR. State Order of Labor Red Banner Hydrological Inst. Leningrad, 1955.
- KHRUPPA, I. F. -- "Experience in Irrigating Alfalfa in the Omsk Region (Based on Material from the Author's Field Experiments)." Author's abstract of a dissertation submitted at the Omsk Agricultural Inst imeni S. M. Kirov. Omsk, 1955.
- CHEPRASOV, V. P. -- "Calculation of Potential Streamlining of Insulated Shapes and Hydrodynamic Gratings." Min Higher Education USSR. Kazan' Aviation Inst. Kazan', 1955.
- CHETKIN, P. P. -- "Investigation of Deformations and Thrust Forces in Rolling Sheets of Artificial Leather." Min Higher Education USSR. Moscow Technological Inst of Light Industry imeni L. M. Kaganovich. Moscow, 1955.
- CHUDAKOV, P. D. -- "Investigation of Some Problems in the Process of Notching and Piercing." Min Higher Education USSR. Moscow Machine Tool and Tool Inst imeni I. V. Stalin. Moscow, 1955.
- SHADURSKIY, P. A. -- "Investigation of the Drying of Kuskovo Peat in High Piles." Acad Sci Belorussian SSR. Department of Physicomathematical and Technical Sciences. Minsk, 1955.
- SHISHKIN, V. Ye. -- "The Effect of Cross-Sectional Dimensions and Shape on the Resistance to Transverse Bending of Plywood Beams." Min Construction of Metallurgical and Chemical-Industry Enterprises USSR. Technical Administration. Central Sci Res Inst of Industrial Structures (TsNIPs). Moscow, 1955.

AGRICULTURAL SCIENCES

For the Degree of Doctor in Sciences

- KUCHUMOV, P. V. -- "The Selection of Spring Wheat for the Left-Bank Ukraine." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Inst of Plant Growing. Leningrad 1955.
- SAVZDARG, E. E. -- "Ticks on Berry Crops (Their Harmfulness, Biology, Ecological Properties, and the Development of Complex Measures to Combat Them under Conditions of the Non-Chernozem Belt)." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.

For the Degree of Candidate in Sciences

- BELKIN, V. T. -- "Experience in the Exploitation of Fruit Hothouses on the Sovkhoz imeni 1 May in Comparison with the 'Marfino', 'Lennar-pit', and Other Hothouse Combines." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.

STAT



- BESKARAVAYNAYA, M. A. -- "The Biological and Forestry Properties of the Second Generation of Hybrids of Maple and Acacia." Min Higher Education USSR. Voronezh Forestry Inst. Voronezh, 1955.
- BOYKO, A. V. -- "The Effect of Cutting Drains on the Water Economy and Physicochemical Properties of Soil and the Growth of Plants in Cranberry-Mossy and Pteridium-Fern Pine Forests." Acad Sci Belorussian SSR. Inst of Socialist Agriculture. Minsk, 1955.
- BOOS, G. V. -- "Initial Material in the Selection of Cucumbers for Enclosed Soil." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Inst of Plant Growing. Leningrad, 1955.
- BUSHIN, P. M. -- "The Times and Methods of Fertilizing Fruit-Bearing Vineyards in the Uzbek SSR." Min Higher Education USSR. Tashkent Agricultural Inst. Samarkand, 1955.
- GOGOBERIDZE, I. V. -- "Cultivating Humus-Sulfate ('gazha' [gypsum clay]) Soils of the Samgora Plain Growing Winter Wheat under Conditions of Irrigation." Published by the Acad Sci Georgian SSR. Georgian Order of Labor Red Banner Agricultural Inst. Tbilisi, 1955.
- GORSHENIN, V. P. -- "The Sowing Qualities of Alfalfa Seed and Methods of Improving Them." Author's abstract of a dissertation submitted at the Omsk Agricultural Inst imeni S. M. Kirov. Omsk, 1955.
- GYUL'MAMEDOV, R. G. -- "The Creation of Forest Plantations under Conditions of the Mil'skaya Steppe of the Azerbaydzhan SSR by Planting Cuttings under Irrigation." Min Higher Education USSR. Saratov Agricultural Inst. Saratov, 1955.
- DUL'BEYEVA, M. A. -- "The Growth and Development of Chickens of the Moscow Strain in Connection with Seasonal Development." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- YEVSEYEVA, L. P. -- "Fattening Castrated Steers of the Kholmogory Breed on Succulent Fodders." Min Higher Education USSR. Moscow Veterinary Academy. Moscow, 1955.
- YERMAKOV, V. Ye. -- "Foundations of the Organization of Forestry in the Protective Belts of the Central Course of the Dnepr." Min Higher Education USSR. Belorussian Forestry Engineering Inst imeni S. M. Kirov. Minsk, 1955.
- YEFANOV, G. A. -- "The Productivity of Hybrids of the Red Steppe and East-Frisian Breeds of Cattle in the Southeastern USSR." Min Higher Education USSR. Novoherkassk Zoveterinary Inst imeni First Cavalry Army. Novoherkassk, 1955.
- ZABELLO, K. L. -- "The Elements of Soil Nutrition of Plants and Their Effect on the Productivity of Pine Plantations under the Conditions of the Negoreloye Teaching-Experimental Leskhoz of the Belorussian Forestry Engineering Inst imeni S. M. Kirov." Min Higher Education USSR. Belorussian Forestry Engineering Inst imeni S. M. Kirov. Minsk, 1955.
- ZAKHODYAKINA, I. I. -- "Periodic Deep Plowing and Increasing the Harvest of Agricultural Crops." Min Higher Education USSR. Georgian Order of Labor Red Banner Agricultural Inst. Tbilisi, 1955.



- ZEY, A. N. -- "Melanosis of Tomatoes and Measures to Combat It in the Bashkir ASSR." Author's abstract of a dissertation submitted at the Omsk Agricultural Inst imeni S. M. Kirov. Omsk, 1955.
- ZUBOV, Yu. P. -- "Optimum Dimensions of Clearings Taking into Account the Requirements of the Wood Industry and the Forest Economy." Min Higher Education USSR. Moscow Forestry Engineering Inst. Moscow, 1955.
- KAYRYUKSHTIS, L. A. -- "The Formation of Young Softwood-Hardwood Forests and Digging Drainage for Them in the Forests of the Lithuanian SSR." Inst of Forestry, Acad Sci USSR. Moscow, 1955.
- KALINKEVICH, A. F. -- "Double-Petaled Park Roses of the North and Methods of Vegetative Reproduction of Them." Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955.
- KARAGULYAN, S. A. -- "The Effectiveness and Conditions of Using Phosphobacterin under Grain Crops in the Mountain Regions of the Armenian SSR." Acad Sci Armenian SSR. Laboratory of Agrochemistry. Yerevan, 1955.
- KIRILLOV, Yu. I. -- "The Starting Material in the Selection of Oats for the Peat-Bog Soils of the Northwestern Zone of the USSR." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Plant Growing. Leningrad, 1955.
- KLITSENKO, G. T. -- "The Effect of Salt (NaCl) Nutrition on the Metabolism and Productivity of Dairy Cows." Min Higher Education Ukrainian SSR. Ukrainian Order of Labor Red Banner Agricultural Academy. Kiev, 1955.
- KNIZHNIKOV, A. M. -- "Methods of Primary Working of Virgin Peat-Bog Soils (Using as an Example the Kolkhoz imeni Michurin, Glusksk Rayon, Minsk Oblast)." Acad Sci Belorussian SSR. Inst of Soil Improvement, Water and Marsh Economy. Minsk, 1955.
- KOSTYLEV, A. S. -- "Using Material from Systematic Aerial Photography in General Hydro-Forest Soil-Improvement Examinations." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1955.
- LOPATIN, N. G. -- "Improving the Wool Productivity of Prekos-Coarse-Wooled Hybrids by Crossing Them with Rams of Fine-Wooled Breeds." Moscow Veterinary Academy, Min Higher Education USSR. Moscow, 1955.
- MANOTSKOV, G. L. -- "The Complex Mechanization of Laborious Processes in Russian Hotbeds." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1955.
- POGORELOV, A. I. -- "The Square-Nest Method of Sowing Cotton." Min Higher Education Ukrainian SSR. Odessa Agricultural Inst. Odessa, 1955.
- ROMANCHUK, I. F. -- "The Comparative Fattening of Young Swine of Fatty Breeds Raised in Ryazan' Oblast." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- SENNIKOVA, A. V. -- "The Effect of Maintenance Conditions on the Growth and Development of Calves of the Brown Latvian Breed in the

STAT



Post-Embryonic Period." Min Higher Education USSR. Latvian Agricultural Academy. Riga, 1955.

SOKOLOV, A. K. -- "Methods and Times of Preparing Fig Cuttings before Planting, and Their Biological Basis." Min Higher Education USSR. Tashkent Agricultural Inst. Stalinabad, 1955.

CHELNOKOV, A. S. -- "Morphological, Biological, and Technological Aspects and Basic Procedures of Cultivating 'golozernyy furkatnyy' Barley in the Right-Bank Region of Saratov Oblast." Min Higher Education USSR. Saratov Agricultural Inst. Saratov, 1955.

SHENDRIKOV, N. I. -- "Lumber Varieties, Their Significance and Use in the Steppe Forestry of the Ukrainian SSR." Ukrainian Order of Labor Red Banner Agricultural Academy. Chair of Dendrology. Kiev, 1955.

SHOPINA, V. V. -- "The Effect of Predecessors on Changes in the Rate of Infection with Brown Rust (Under Conditions of Krasnodar Kray) among Varieties of Winter Wheat." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Plant Conservation. Leningrad, 1955.

VETERINARY SCIENCES

For the Degree of Doctor in Sciences

AKATOV, V. A. -- "Trichomoniasis of Cattle." Min Higher Education USSR. Kazan' State Veterinary Inst imeni N. E. Bauman. Frunze, 1954.

For the Degree of Candidate in Sciences

IVANOV, N. Ye. -- "The Problem of Causes of Appearance of Rust on Salted Gut and Measures to Combat It." Leningrad Veterinary Inst, Min Higher Education USSR. Leningrad, 1955.

SPIRIN, Ye. I. -- "On the Motor Function of the Colon of Horses Based on Experiments with 'fistula' Horses." Min Higher Education. Novochoerkassk Zooveterinary Inst imeni First Cavalry Army. Chair of Pathological Physiology. Novochoerkassk, 1955.

MEDICAL SCIENCES

For the Degree of Doctor in Sciences

GVAMICHAVA, A. R. -- "Material on the Study of the Pathogenesis and the Pathogenetic Treatment of Burn Disease (Clinical-Experimental Investigation)." Georgian State Publishing House for Medical Literature. Tbilisi State Medical Inst. Tbilisi, 1955.

ZUYEV, V. N. -- "The Etiology and Pathogenesis of Chronic Gastritis under Conditions of the Hot Climate of Central Asia." Tashkent, 1955.

KAYSAR'YANTS, G. A. -- "The Development of the Thyroid Gland, Its Vessels and Nerves, in Man after Birth, and Their Practical Significance." Leningrad Pediatrics Medical Inst. Leningrad, 1955.



KUCHINSKIY, Ye. P. -- "On the Reflex Regulation of Diuresis (Based on Data from Experiments with Dogs with Chronically Exposed Ureters and Fistulas of the Digestive Tract)." Sverdlovsk State Medical Inst. Chkalov, 1955.

SHURINOK, A. R. -- "Methods of Investigating Pain Symptoms in Children in Chronic Appendicitis and Their Anatomical-Physiological Basis." Min Health Ukrainian SSR. Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1955.

For the Degree of Candidate in Sciences

ABAKELIYA, Ts. I. -- "Reflex Effects of the Stomach on the Composition of the Peripheral Blood in Certain Forms of Anemia." Georgian State Publishing House for Medical Literature. Tbilisi State Medical Inst. Tbilisi, 1955.

AMBROZAYTIS, K. I. -- "Clinical-Roentgenological Observations of the Course of Acute Hematogenic Osteomyelitis under Complex Penicillin Treatment." State Sci Res Inst of Roentgenology and Radiology imeni V. M. Molotov. Moscow, 1955.

ANGELOVA, A. V. -- "The Characteristics of Interoceptive Signalizing in Connection with the Type of Nervous System." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Leningrad, 1955.

ARIFDZHANOV, A. A. -- "Some Indexes of Vascular Reactivity in Patients with Hypertonic Disease under Hot-Climate Conditions." Tashkent State Medical Inst imeni V. M. Molotov. Tashkent, 1955.

BAKSHEYEVA, N. A. -- "The Effectiveness of X-Ray Therapy in Certain Diseases of the Nervous System." Min Health Ukrainian SSR. Khar'kov Medical Inst. Khar'kov, 1955.

BELYAYEVA, T. M. -- "The Problem of Changes in the Mucous Membrane of the Vagina and Cervix Uteri in Female Workers of Sorting Departments of Coal Mines under the Influence of Coal Dust." Rostov Na Donu State Medical Inst. Rostov na Donu, 1955.

BEREZOVSKAYA, V. A. -- "Tuberculosis of the Shoulder Joint (Clinical Aspects and Treatment)." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1955.

BRONNIKOV, K. Ye. -- "Healing of a Gastroenterostomy in the Gastrointestinal Tract Superimposed according to K. P. Sapozhkov's Method (Experimental-Microscopic Investigation)." Molotov State Medical Inst. Molotov, 1955.

BUTOV, Yu. L. -- "Pathomorphological Changes in the Lungs in Hypertonic Disease." Khar'kov Medical Inst. Khar'kov, 1955.

VASIL'YEV, N. A. -- "The State of the Trachea and Bronchi in Patients with Chronic Fibrous-Cavernous Pulmonary Tuberculosis." First Moscow Order of Lenin Medical Inst imeni I. M. Sechenov. Moscow, 1955.

GREBENSKOVA, M. D. -- "Problems of the Rationalization of Laboratory Control of the Central Water Supply at Populated Places." Rostov na Donu State Medical Inst. Rostov na Donu, 1955.

STAT



- GRITSYUTE, L. A. -- "The Problem of the Blastomogenic Effect of Urethane (Experimental Lung Tumors)." Acad Med Sci USSR. Joint Council of the Group of Leningrad Institutes. Leningrad, 1955.
- GUDZ', P. Z. -- "Aspects of the Collateral Blood Circulation and Morphological Changes in the Nerves and Muscles of the Pelvic Extremities of the Rabbit under Conditions of Development of Detour Blood Circulation." L'vov State Medical Inst. L'vov, 1955.
- DAVYDOVA, A. G. -- "The Course and Outcome of Pre-Senile Melancholia." Smolensk State Medical Inst. Smolensk, 1955.
- DAIMANE, A. R. -- "The Morphology and Histochemistry of the Formation of Yolk in the Ovocytes of Hens." Min Health Latvian SSR. Riga Medical Inst. Riga, 1955.
- DANETSKAYA, Ye. V. -- "The Significance in Human Nutrition of Lactic Acid Products Naturally Enriched with Riboflavin." Min Health RSFSR. Leningrad Sanitary Hygiene Medical Inst. Leningrad, 1955.
- YEFIMOV, I. S. -- "The State of Certain Liver Functions in Acute Appendicitis." Khar'kov Medical Inst. Khar'kov, 1955.
- ZHILINA, V. V. -- "Basic Stages in the Development of Stomatological Aid in the Cities of the RSFSR (Based on Material from Moscow and Certain Other Cities)." Min Health RSFSR. Moscow Medical Stomatological Inst. Moscow, 1955.
- ZAYTSEVA-GRYAZNOVA, T. P. -- "Investigation of Higher Nervous Activity in Cases of Rickets." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955.
- IMELIK, O. I. -- "Changes in Respiration in Muscular Work as Investigated by the Pneumotachographic Method." Tartu State U. Tartu, 1955.
- KARNITSKIY, V. I. -- "Investigation of Gasser's Ganglion and the Upper Cervical Sympathetic Ganglion in Certain Infectious Diseases." Min Health RSFSR. Moscow Medical Stomatological Inst. Moscow, 1955.
- KLUGA, L. P. -- "Material on the Study of Diaminoxidase (Histaminase) of the Blood, Using Pharmacological Methods." Min Health Latvian SSR. Riga Medical Inst. Riga, 1955.
- KOBETS, A. V. -- "The Effect of Barbamil as an Exogenic Factor on the Clinical Picture of Schizophrenia in Hibernation Therapy." Khar'kov Medical Inst. Khar'kov, 1955.
- KUTILOVA, V. N. -- "The Development of the Form of the Wrist Joint of Man." Leningrad State Pediatrics Medical Inst. Stavropol', 1955.
- LER, I. A. -- "Changes in the Functional State of Higher Nervous Activity in Children Afflicted with Rheumatism." Leningrad State Medical Pediatrics Inst. Chair of Faculty Pediatrics. Leningrad, 1954.
- LITVINOVA, V. Ye. -- "The State of the Vegetative Nervous System in Schizophrenia and Its Dynamics in Connection with Changes in the Clinical Picture during the Course of the Disease." Khar'kov State Medical Inst. Khar'kov, 1955.

STAT



- MAILYAN, E. S. -- "The Higher Portions of the Central Nervous System in the Compensation for Disorders of Respiration in Lung Injuries." Acad Med Sci USSR. Moscow, 1955.
- MAMEDOV, S. M. -- "The Epidemiology and Prophylaxis of Mosquito Disease under the Conditions of a Large City." Turkmen Medical Inst imeni I. V. Stalin. Ashkhabad, 1955.
- MITCHENKO, I. K. -- "The Effect of Helminths on the Course of Dysentery and Problems of Dehelminthization under These Conditions." Acad Med Sci USSR. Inst of Infectious Diseases. Kiev, 1955.
- MIKHNEVA, N. Ye. -- "The Higher Nervous Activity of the Dog under Changes in Illumination." Odessa State Medical Inst imeni N. I. Pirogov. Odessa, 1955.
- MOSKOVSKAYA, N. V. -- "Some Problems in the Clinical Aspects and Radiation Treatment of Malignant Tumors of the Throat and Accessory Nasal Sinuses." First Moscow Order of Lenin Medical Inst. Moscow, 1955.
- MOTEYUNAS, L. I. -- "The Role of the Interoceptors in the Anaphylactic Reaction." Acad Sci Lithuanian SSR. Inst of Experimental Medicine. Vil'nyus, 1955.
- PACHES, A. I. -- "The Significance of the Paramecium Reaction in the Diagnosis of Cancer." Kirgiz State Medical Inst. Clinic of Faculty Surgery. Frunze, 1955.
- PEL'MAN, S. G. -- "The Role of Intratissue Radium Therapy in the Combined Treatment of Cancer of the Lower Lip." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1955.
- PENAYEV, D. -- "The Treatment of Acute Diffuse Peritonitis. Based on material from hospital surgery in the clinic of the Turkmen Medical Inst from 1938 to 1954." Turkmen State Medical Inst imeni I. V. Stalin. Ashkhabad, 1955.
- PEREPELITSA, I. F. -- "Clinical-Morphological Characteristics of Endarteritis Obliterans." Min Health Ukrainian SSR. Dnepropetrovsk State Medical Inst. Vinnitsa, 1955.
- PRIKHOD'KO, G. M. -- "Hemodynamic and Hemorenal Shifts in Patients with Hypertonic Disease under the Influence of Medicinal Sleep Treatment." Khar'kov Medical Inst. Khar'kov, 1955.
- PRONTSKUS, A. P. -- "Changes in the Secretion and Motor Functions of the Stomach of Ulcer Patients in the First 24 Hours and Later, Following Resection of the Stomach." Vil'nyus State U imeni V. Kapsukas. Chair of General Surgery and Topographical Anatomy. Vil'nyus, 1955.
- PROSVETOVA, G. I. -- "Removing from the Intestine the Causative Agents of Disease in Patients with Acute Dysentery, Using Various Methods of Treatment." Kazakh State Medical Inst imeni V. M. Molotov. Alma-Ata, 1955.
- RAZZHIVINA, R. V. -- "Streptomycin Therapy of Tuberculous Meningitis in Childhood." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955.



- RAKITINA, L. N. -- "An Erythrocytic Suspension in Plasma-Substitute Solution in the Surgical Clinic." Sverdlovsk State Medical Inst. Sverdlovsk, 1955.
- ROMANOVA, T. G. -- "Changes in Basic and Creatin Metabolism in Connection with Morphological Changes in the Thyroid Gland in Cases of Goiter." L'vov State Medical Inst. L'vov, 1955.
- RUTENBURG, E. S. -- "Physiological-Hygienic and Clinical Observations of Adolescents Working in the Hot Sections of the Metal Industry of the City of Leningrad." Leningrad State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov. Leningrad, 1955.
- RYBNIKOVA, N. M. -- "Changes in the Absorption of Glucose and Water in the Intestine in Various Functional Stages of the Cerebral Cortex." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Laboratory of Corticovisceral Pathology. Leningrad, 1955.
- SERGEYEVICH, Ye. A. -- "Experience in Obtaining Bacterial Dysentery from Domestic Cats." Molotov State Medical Inst. Molotov, 1955.
- SILLA, R. V. -- "On Changes in the Conditioned-Reflex Activity of Dogs with Repeated Administration of Luminal and Veronal." Tartu State U. Tartu, 1955.
- SOKOLOVA, Ye. I. -- "Experiment in the Clinical and Functional Study of the Therapeutic Effect of Dimedrol in Itching Dermatoses." Min Health USSR. First Leningrad Medical Inst imeni Academician I. P. Pavlov. Leningrad, 1955.
- STARITSKAYA, L. N. -- "The Internal-Secretory Functions of the Pancreas during Pregnancy and Following Childbirth, under Experimental Conditions." Laboratory of Physiology, Ukrainian Sci Res Inst of Nutrition, Min Health Ukrainian SSR. L'vov State Medical Inst. Kiev, 1955.
- SURIKOV, V. I. -- "Heterotopic and Polypous Growths on the Epithelium of the Small Intestines and Their Oncological Significance." State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov. Chkalov, 1955.
- TATARINOV, Yu. S. -- "On the Content of Bromine in the Blood in Anaphylaxis of Dogs." Min Health RSFSR. Ivanovo State Medical Inst. Astrakhan, 1955.
- TIKHOMIROVA, L. D. -- "The Functional Characteristics of the Cardial Portion of the Intestinal Tract in Disorders of Higher Nervous Activity." Acad Sci USSR. Inst of Physiology imeni I. P. Pavlov. Leningrad, 1955.
- TISHCHENKO, T. A. -- "A Comparative Study of the Viability of Microbes of the Dysentery Group in the Organism of Certain Sinantropic Insects." Khar'kov Medical Inst. Khar'kov, 1955.
- KHARCHENKO, A. M. -- "A Method of Avoiding Relapses of Impassability of the Tear Ducts Following Operations on the 'soust'ye'." L'vov State Medical Inst. L'vov, 1955.

STAT



- CHARYYEV, O. -- "The Possibility of Fat Embolism Following the Injection of Oil Solutions of Novocaine for the Purpose of Protracted Anesthesia." Turkmen State Medical Inst imeni I. V. Stalin. Ashkhabad, 1955.
- SHABAYEVA, L. N. -- "On Certain Biochemical Shifts in the Blood and Skin in Treating Eczema Patients with Protracted Intermittent Medicinal and Conditioned-Reflex Sleep." Kuybyshev State Medical Inst. Kuybyshev, 1955.
- SHAPIRO, R. P. -- "The Effectiveness of Streptomycin Treatment in Certain Forms of Pulmonary Tuberculosis." L'vov State Medical Inst. L'vov, 1955.
- SHPAK, N. I. -- "The Conservation of Tissue for Keratoplasty and Tissue Therapy Using Certain Preservatives of Biological Origin." Odessa State Medical Inst imeni N. I. Pirogov. Odessa, 1955.
- ESPEROV, B. N. -- "Material on the Problem of Intraabdominal Pressure in Humans." Kuybyshev State Medical Inst. Chair of Hospital Surgery. Kuybyshev, 1955.
- YAGODKINA, N. I. -- "A Study of Phagocytic Indexes in Rheumatic Endomyocarditis and Heart Defects." Odessa State Medical Inst imeni N. I. Pirogov. Odessa, 1955.

PHARMACEUTICAL SCIENCES

For the Degree of Candidate in Sciences

- KRIVENCHUK, P. Ye. -- "A Chemical Investigation of Hare's Ear." Min Health USSR. Moscow Pharmaceutical Inst. Khar'kov, 1955.

PEDAGOGICAL SCIENCES

For the Degree of Candidate in Sciences

- VASHAKIDZE, A. I. -- "Methods of Lecturing on the Subject 'Foreign Military Intervention in the Civil War' in the 11th Class of Intermediate School." Tbilisi State U imeni I. V. Stalin. Tbilisi, 1955.
- YEFREMOVA, Ye. V. -- "Methods of Presentation in Russian in the Fifth through Seventh Classes of the Chuvash School." Academy of Pedagogical Sciences RSFSR. Sci Res Inst of Teaching Methods. Moscow, 1955.
- KUKHAR', V. M. -- "The Development of the Concept of Number in the Intermediate School." Kiev State Pedagogical Inst imeni A. M. Gor'kiy. Kiev, 1955.
- MITTOV, N. K. -- "Methods of Carrying Out the General Obligatory 7 Years of School in the RSFSR (1930-1941)." Academy of Pedagogical Sciences RSFSR. Inst of the Theory and History of Pedagogy. Moscow, 1955.
- PANKRATOVA, A. D. -- "The Communist Party and the Soviet Government in the Struggle to Prepare and Carry Out the General Obligatory Elementary Teaching from 1917-1932." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Chair of Pedagogy. Moscow, 1955.

STAT



SVESHNIKOVA, Ye. A. -- "The Principle of Consideration and Exaction in the Moral Training of Pupils in the Soviet School." Min Higher Education Ukrainian SSR. Kiev State U imeni T. G. Shevchenko. Kiev, 1955.

CHENAKAL, Ye. A. -- "The Standardization of Assignments in the Systematic Course on Arithmetic in the Intermediate School." Kiev State Pedagogical Inst imeni A. M. Gor'kiy. Kiev, 1955.

ARCHITECTURAL SCIENCES

For the Degree of Candidate in Sciences

LYSENKO, A. V. -- "Prospekt I. V. Stalina [I. V. Stalin Prospect] in the City of Minsk." Min Higher Education. Belorussian Polytechnic Inst imeni I. V. Stalin. Minsk, 1955.

STRASHINSKIY, N. S. -- "Some Problems in Designing the Projection Halls of Cinemas." Min Higher Education USSR. Leningrad Order of Labor Red Banner Construction Engineering Inst. Leningrad, 1955.

* * *