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PHYSICOMATHEMATICAL SCIENCES

For the Degree of Doctor in Sciences

MAKOVER, S. G. -- "The Encke-Backlund Comet (Movements from 1937-1954)." Acad Sci USSR. Main Astronomical Observatory. Leningrad, 1956.

For the Degree of Candidate in Sciences

BURCHULADZE, T. V. -- "Asymptotic Behavior of Fundamental Functions of the Oscillations of an Elastic Body." Tbilisi State U imeni I. V. Stalin. Tbilisi, 1956.

DEVYATKO, V. I. -- "Investigation of Some Problems in Bilateral Approximation in the Numerical Integration of Differential Equations." Kiev State Pedagogical Inst imeni A. M. Gor'kiy. Chair of Mathematical Analysis. Kiev, 1956.

ZHDANOVA, N. F. -- "The Viscosity of Liquefied Gases at Constant Density." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy. Khar'kov, 1956.

KLESHCHEV, G. V. -- "Investigation of Structural Changes in the Decomposition of Supersaturated Solid Solutions of Zinc in Aluminum, and Beryllium in Copper, Using the Method of Anomalous Dispersion of X-Ray Radiation." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of General Physics. Leningrad, 1956.

SPIVAK, M. A. -- "The Algebraic Theory of Coordinate Structures and Geometrical Objects." Saratov State U imeni N. G. Chernyshevskiy. Mechanics and Mathematics Faculty. Saratov, 1956.

TABUYEVA, V. A. -- "A Qualitative Investigation of Certain Non-Linear Second-Order Differential Equations." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1956.

TURKOVSKIY, V. A. -- "Certain Extreme Problems in the Geometry of Plane Curves." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Kiev, 1956.

CHEMICAL SCIENCES

For the Degree of Doctor in Sciences

MARKOVICH, A. V. -- "The Fractionation of Proteins and the Quantitative Investigation of the Flocculation Reaction." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1956.

STAT

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- BERNATONEVE, L. I. -- "The Effects of Production Methods and External Factors on the Preservation of Fats." Acad Sci Lithuanian SSR. Inst of Chemistry and Chemical Technology. Vil'nyus, 1955.
- BOLDYREVA, A. V. -- "Complex Compounds of Uric Acid with Amines." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tomsk, 1955.
- GUDOVICH, N. V. -- "Investigation of Lead Pyrophosphate Electrolytes." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of Physical and Colloid Chemistry. Kiev, 1956.
- GUMAROVA, R. Z. -- "The Hydrogenation of Cottonseed Oil with Fixed Hydrogen." Acad Sci Kazakh SSR. Inst of Chemical Sciences. Alma-Ata, 1956.
- KISH, L. -- "Investigation of the Kinetics of Electrode Processes on Chromium, Cadmium, and Cadmium Amalgam in Connection with the Electrochemical Theory of the Dissolution of Metals." Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1956.
- KYDYNOV, M. -- "The Polytherm of Solubility of a System Containing Calcium and Sodium Sulfates and Water and Glauberite Rock from Tyan'-Shan'." Acad Sci Kirgiz SSR. Inst of Chemistry. Frunze, 1956.
- NASIROV, A. B. -- "A Study of the Effect of Conditions of Catalytic Cracking on the Formation of the Individual Hydrocarbon Composition of Gasolines." Min Higher Education USSR. Azerbaydzhan State U imeni S. M. Kirov. Baku, 1955.
- PARFENOV, V. A. -- "Investigation of the Processes Occurring in the Treatment of Chalky Marl to Produce Local Binders and Parts for Autoclave Hardening." Acad Sci Lithuanian SSR. Inst of Chemistry and Chemical Technology. Vil'nyus, 1955.
- SALDABOL, N. O. -- "Investigation of the Synthesis of Omega-Derivatives of 2-Acetylfurane and 5-Nitro-2-Acetylfurane." Acad Sci Latvian SSR. Inst of Forestry Problems. Riga, 1956.
- TRESHCHINA, N. I. -- "The Geochemical Characteristics of Natural Gases from the Petroleum and Gas Deposits of the Terskey-Dagestan Petroleum Region." Published by the State Scientific and Technical Publishing House for Literature on Petroleum and Mined Fuels, Leningrad Branch. All-Union Petroleum Sci Res Geological Prospecting Inst (VNIGRI). Leningrad, 1956.
- CHASTUKHINA, V. I. -- "Chromatographic Isolation of Titanium from Columbium and Tantalum and Their Separation." Acad Sci USSR. Inst of Geological Sciences. Moscow, 1956.
- ESSEN, L. N. -- "Obtaining Complex Compounds of Tetravalent Platinum with Six Different Substitutions in the Internal Sphere." Acad Sci USSR. Inst of General and Inorganic Chemistry imeni N. S. Kurnakov. Inst of Physical Chemistry. Moscow, 1956.
- YASHVILI, G. M. -- "Some Investigations in the Chemistry of N-Substituted Carbohydrates." Published by the Georgian State Publishing House for Medical Literature, Azerbaydzhan State U imeni S. M. Kirov. Tbilisi, 1955.

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GEOGRAPHICAL SCIENCES

For the Degree of Candidate in Sciences

GOREVA, K. P. -- "The City of Orekhovo-Zuyevo. Economic-Geographical Characteristics." Min Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1956.

KLANIS, V. Ya. -- "The Geographical Regions of the Basin of the River Salatss." Latvian State U. Geographical Faculty. Riga, 1956.

GEOLOGICOMINERALOGICAL SCIENCES

For the Degree of Candidate in Sciences

STROIITELEV, S. A. -- "Investigation of the Crystallization of Epsomite and Mirabilite and the Presentation of Conclusions to Some Problems of Geology and Mineralogy." Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tomsk, 1955.

SHCHEPOCHKINA, N. I. -- "Physicochemical Investigation of the BaO-TiO₂ and FeO-TiO₂ Systems." Acad Sci USSR. Inst of the Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry. Moscow, 1956.

BIOLOGICAL SCIENCES

For the Degree of Doctor in Sciences

AKOPYAN, S. A. -- "The Role of the Nervous System in Reactions of the Organism to Bleeding and the Transfusion of Heterogenic Blood." Acad Med Sci USSR. Yerevan, 1955.

For the Degree of Candidate in Sciences

BURAKOVA, V. V. -- "The Microflora of the Soils of the Yenisey North and Methods of Promoting Their Life Functions." Acad Sci Latvian SSR. Inst of Microbiology. Riga, 1956.

YEGYAN, V. B. -- "The Effect of Internal Inhibition on Quantitative Shifts in Glucose and Reduced Glutathione in the Blood under an Unconditioned Stimulus -- Insulin." Acad Sci Armenian SSR. Inst of Physiology. Yerevan, 1955.

KISELEV, G. I. -- "The Carotene Content in the Fodder of Rostov Oblast and the Assimilation of Carotene by Animals." Rostov na Donu State U imeni V. M. Molotov. Rostov na Donu, 1956.

KOKOT, O. P. -- "Fests of Saint-Pain in the Central and Northern Portions of the Steppes of the Ukrainian SSR." Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. Khar'kov, 1956.

KOSTENKO, A. S. -- "Seasonal Changes in Gastric Secretion, the Blood Composition, and Productivity of Peking Ducks Kept in Water and on the Ground." Min Higher Education USSR. Kiev Veterinary Inst. Kiev, 1955.

KULAYEVA, T. M. -- "The Comparative Ecology of Red Voles of the Tatar ASSR." Zoological Inst, Acad Sci USSR. Academic Council. Leningrad, 1956.

STAT



- LEBLE, B. B. -- "The Fauna of Game Mammals of Arkhangel'sk Oblast and the Effect on Them of Continuous Concentrated Felling of Timber." Min Higher Education USSR. Moscow Veterinary Academy. Arkhangel'sk, 1956.
- LYZLOV, Ye. V. -- "Methods of Selection of Soft Spring Wheat for Increased Yields of Grain from the Spike." Moscow State U imeni M. V. Lomonosov. Moscow, 1956.
- MUKHINA, N. A. -- "A Study of Birdsfoot Trefoil of Various Geographical Origins under the Conditions of Leningrad Oblast and Methods of Utilizing It." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Len'in. All-Union Inst of Plant Growing. Leningrad, 1956.
- NOVICHKOVA, L. N. -- "The Lower Plants of the Desert Flatlands of the Piedmont Plain of Kopet-Dag." Acad Sci USSR. Botanical Inst imeni V. L. Komarov. Leningrad, 1955.
- PIPINIS, I. A. -- "The Moss of the Meadows and Lowland Swamps of the Eastern Portion of the Lithuanian SSR and Their Importance in the Typology of Meadows." Acad Sci Lithuanian SSR. Inst of Biology. Vil'nyus, 1956.
- POZHARISSKAYA, L. P. -- "Meadow Plants of the Moldavian SSR." Acad Sci USSR. Botanical Inst imeni V. L. Komarov. Botanical Garden, Moldavian Affiliate, Acad Sci USSR. Kishinev, 1956.
- PUPIN, I. G. -- "Indexes of the Lipid Composition of the Blood in Hematuria of Cattle." Min Higher Education USSR. L'vov State Zooveterinary Inst. L'vov, 1956.
- RADEYEVA, L. A. -- "The Age Morphology of the Surface Lymphatic Nodes of Goats." Min Higher Education USSR. Moscow Veterinary Academy. Ordzhonikidze, 1955.
- RZHIMAN, L. -- "Increasing the Viability of Wheat Seeds by Supplementary Pollenation with Rye." Min Higher Education USSR. Leningrad Order of Lenin State U imeni A. A. Zhdanov. Leningrad, 1955.
- SHAMSUTDINOV, N. K. -- "The Location of Breeding of Sinantropic Flies under the Conditions of Tashkent City." Published by SAGU. Min Higher Education USSR. Central Asia State U imeni V. I. Lenin. Tashkent, 1955.
- ERDMAN, G. M. -- "The Problem of the Significance of the Duration of a Rhythmic Stimulating Impulse for the Characteristics of the Functional State of the Central Nervous System." Acad Med Sci. Inst of Normal and Pathological Physiology. Moscow, 1956.

TECHNICAL SCIENCES

For the Degree of Doctor in Sciences

- KOKAREV, N. I. -- "Investigation and Perfection of the Thermal Operation of Open-Hearth Furnaces in the Plants in the Urals." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1956.

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NUROK, G. A. -- "Basic Problems in the Technology of the Hydraulic Mechanization of Open-Pit Mining of Stratum Deposits of Useful Minerals." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Chair of Open-Pit Mine Work. Moscow, 1956.

SMIRNOV, V. A. -- "The Transformation of Carbohydrates in the Process of Acid Hydrolysis of Starch." Min Higher Education USSR. Moscow Technological Inst of the Food Industry. Moscow, 1956.

TKACHEV, A. G. -- "Convection Heat Exchange in the Processes of Melting and Hardening of a Homogeneous Medium." Min Higher Education USSR. Leningrad Technological Inst of the Refrigeration Industry. Leningrad, 1956.

CHUKLIN, S. G. -- "Thermal Transmission and Moisture Exchange in the Cooling Systems of Refrigerators." Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev. Moscow, 1956.

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BOBKOVA, N. A. -- "Investigation of the Thermophysical Properties of Grain." Min Higher Education. Moscow Technological Inst of the Food Industry. Moscow, 1956.

BUROVA, T. S. -- "Lignin and Its Behavior under Sulfonation." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1956.

GORODENSKIY, N. B. -- "Designing the Head Systems for Supplying Ship Locks Based on Experience Gained in the Hydraulic Research Laboratories." Min River Fleet USSR. Leningrad Inst of Water Transport Engineers. Leningrad, 1956.

GUZEYEV, A. G. -- "Investigation of the Process of Mechanized Rock Removal in Breking through Vertical Shaft Columns." Min Higher Education Ukrainian SSR. Donets Order of Labor Red Banner Industrial Inst imeni N. S. Krushchev. Staling, 1955.

GURARIY, M. G. -- "Investigation of Some Conditions of Pressure Casting of Plastic Type." Moscow Order of Lenin Chemicotechnological Inst imeni Mendeleyev. Moscow, 1956.

GURZHI, S. G. -- "Investigation of the System of Lubricating Tractor Carburetor Engines." Min Higher Education Ukrainian SSR. Ukrainian Order of Labor Red Banner Agricultural Inst. Khar'kov, 1955.

DZHAFAROV, A. S. -- "The Technology of Construction." Min Construction Materials Industry Azerbaydzhan SSR. Azerbaydzhan Sci Res Inst of Construction Materials and Structures imeni S. D. Dadashev. Baku, 1955.

YEFIMOV, I. A. -- "The Mechanism of Formation of Internal Fissures in Transverse Forging." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1956.

ZHAROVA, M. N. -- "A Study of the Behavior of Pect Components in the Process of Thermal Dissolution and of Hydrogenation of the Dissolution Products." Acad Sci USSR. Inst of Mineral Fuels. Moscow, 1956.

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ZHUKOV, A. M. -- "Principles of the Ventilation of Production Rooms of the Chemical Sections of Coke-Chemical Plants." Min Higher Education USSR. Belorussian Polytechnic Inst imeni I. V. Stalin. Minsk, 1956.

ZABOCHINA, Z. A. -- "The Humidification of Peat Soils Using Sluices with 'krot' Drainage." Min Agriculture USSR, All-Union Sci Res Inst of Hydraulic Engineering and Soil Improvement. Moscow, 1955.

KARMAZIN, A. I. -- "Investigation of Injuries to the Rolling Surfaces of the Wheels of Freight Cars in Operation." Min Railways USSR. Khar'kov Inst of Railroad Transport Engineers imeni S. M. Kirov. Khar'kov, 1955.

KATUNIN, V. Kh. -- "A Study of the Process of Pyrolysis of Wood with a Solid Heat Container under Laboratory Conditions." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S. M. Kirov. Leningrad, 1956.

KOVALEVSKIY, N. G. -- "The Cold Rolling of Pipe with Periodic Reduction (Elements in the Theory of the Technology of This Process)." Min Ferrous Metallurgy USSR. All-Union Sci Res Pipe Inst (VNITI). Dnepropetrovsk, 1955.

KOZHINSKIY, L. I. -- "Investigation of Cold Fissures in Automobile Castings of Malleable Cast Iron." Min Higher Education USSR. Gor'kiy Polytechnic Inst imeni A. A. Zhdanov. Gor'kiy, 1955.

KOZLOV, V. A. -- "The Kinetics of the Reduction of Manganese Oxides with Solid Carbon." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1956.

KONDRATENKO, V. N. -- "A Method of Calculating the Dynamics of the Supply System of Relay Regulators Used in Arc-Welding Equipment." All-Union Correspondence Polytechnic Inst. Moscow, 1956.

KRASNIKOV, N. D. -- "Methods of Calculating and Designing Maritime Protective Structures with Sandstone Blocks on Thin Clay Foundations." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1956.

KURILO, A. I. -- "Investigation of Systems of Illuminating Tractor and Combine 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.

LAZAREV, V. G. -- "Methods of Objective Evaluation of the Principles of Constructing Relay Equipment for Automatic Telephone Stations (On the Example of a Relay Telephone Substation)." Min Communications USSR. Moscow Electrical Engineering Inst of Communications. Moscow, 1956.

MALINOVSKIY, M. -- "Investigation of the Feasibility of the Cryolite-Aluminum Fluoride-Alumina-Calcium Fluoride System." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1956.

MANDRIKOV, A. P. -- "Investigation of the Strength of the Walls of Large-Block Residential and Social Structures." Academy of Architecture USSR. Sci Res Inst of Structural Engineering. Moscow, 1956.

STAT



- MIKHATSKIY, Yu. V. -- "Measurement of the Stress of Single and Occasionally Repeated Impulses." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of the Theoretical Principles of Radio Engineering. Kiev, 1955.
- MOSKALENKO, A. G. -- "Methods of Perfecting the System of Underground Caving In in the Mines of Krivoy Rog Basin." Min Higher Education USSR. Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin. Moscow, 1956.
- MOSHKOV, L. V. -- "Experimental Investigation of the Dissipation of Energy and Local Erosion of the River Bed near Hydroelectric Power Stations." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1956.
- ORFANITSKAYA, L. P. -- "Investigation of the Noise of Elevator Equipment and the Mechanical Boiler and Pump Equipment in Multi-Story Residential Buildings and Measures to Localize It." Academy of Architecture USSR. Sci Res Inst of Structural Engineering. Moscow, 1956.
- PAVLOV, V. M. -- "Crystallization during the Cooling and the Mixing of Solutions by means of Bubbling Air." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1956.
- PAVLOV-GRISHIN, S. I. -- "Oxidation-Reduction Potential as an Indicator in the Control of Production Quality in the Accelerated Processing of Ordinary Wines." Min Higher Education USSR. Moscow Technological Inst of the Food Industry. Moscow, 1955.
- PRIVALOV, V. A. -- "The Preparation of Forgings on Forging Rolls." Min Higher Education USSR. Moscow Aviation Technological Inst. Moscow, 1956.
- SAMEDOVA, F. I. -- "The Effect of the Chemical Composition of Lubricating Oils on Their Operating Qualities." Min Higher Education USSR. Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. Moscow, 1956.
- SANIKIDZE, V. K. -- "The Problem of Automatic Stabilization of the Vertical Position of Self-Propelled Mine Machines." Min Higher Education USSR, Georgian Polytechnic Inst imeni S. M. Kirov. Tbilisi, 1955.
- SERDYUK, F. A. -- "The Problem of Commutation on Universal Motors." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tomsk, 1955.
- STOCHKUS, D. A. -- "Investigation of the Operation of the Edge of Drainage-'krot' Equipment in the Mineral Soil of the Lithuanian SSR." All-Union Sci Res Inst of Hydraulic Engineering and Soil Improvement. Moscow, 1956.
- FEDENEV, G. S. -- "Investigation of the Basic Problems of Operational Planning of Hauling Work." Min Railways USSR. All-Union Sci Res Inst of Railroad Transport. Moscow, 1956.
- KHUSAN-KHODZHAYEV, Z. Kh. -- "The Methods of Hydraulic Calculation of High-Speed Flow in Pipe of Round Cross-Section." Published by the Acad Sci Uzbek SSR. Min Higher Education USSR. Tashkent Inst of Engineers of Irrigation and Mechanization of Agriculture. Tashkent, 1956.

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- TSEKHIN, M. K. -- "Investigation of Drilling-Blasting Work and Increasing Its Effectiveness in Making Horizontal Cuts through the Rock in the Shafts of the Prokop'yevsk Mine." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Chair of the Working of Ore Deposits. Tomsk, 1955.
- CHERNOV, B. S. -- "Investigation of Oil Wells with Unstabilized Systems of Operation and Methods of Working Them in Order to Obtain the Parameters of the Stratum for Working Petroleum Deposits." Min Higher Education USSR. Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. Moscow, 1956.
- SHIPILOV, A. P. -- "The Water Permeability of Gunit Concrete Hydraulic Insulating Coverings in High-Pressure Irrigation Structures." Acad Sci Uzbek SSR. Inst of Structures. Tashkent, 1955.
- SHCHUKIN, A. S. -- "The Selection and Investigation of Rational Types of Supports for Basic Horizontal Mine Work under the Conditions of 'Puchashchiye' Rock in the Chelyabinsk Brown-Coal Basin." Min Higher Education USSR, Sverdlovsk Mining Inst imeni V. V. Vakhurshev. Sverdlovsk, 1956.
- YUFIN, V. A. -- "Investigation of the Process of Mixing followed by Pumping of Petroleum Products along Trunk Pipelines." Min Higher Education USSR. Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. Chair of the Transportation and Storing of Petroleum and Gas. Moscow, 1956.

AGRICULTURAL SCIENCES

For the Degree of Candidate in Sciences

- AKULININ, A. N. -- "The Structure, Growth, and Productivity of Pine Plantations in the Tatar ASSR and Foundations of the Economy in Them." Min Higher Education USSR. Voronezh Forestry Inst. Voronezh, 1955.
- BARANOVA, M. Ye. -- "Native Meadows and the Effectiveness of Their Fertilization (Northern and Central Portions of Vitebsk Oblast)." Acad Sci Belorussian SSR. Inst of Socialist Agriculture. Vitebsk, 1955.
- VERNIGOR, V. A. -- "Experience in Preparing Combined Silage and Feeding It to Pigs." Min Higher Education USSR. Alma-Ata Zooveterinary. Inst. Alma-Ata, 1955.
- GICHKINA, T. G. -- "Wild Meadow Fescue in Krasnodar Kray and the Outlook for Its Utilization." Min Higher Education USSR. Kuban' Agricultural Inst. Krasnodar, 1956.
- D'YACHENKO, N. O. -- "The State and Outlook for Development of Deer Raising in the Yamal-Nenets National Okrug." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1956.
- KALEGANOV, A. A. -- "Methods of Protecting Retted-Fiber Plants from Freezing under the Conditions of the Steppe Portion of Krasnodar Kray." Min Agriculture RSFSR. Sci Res Inst of Food Growing imeni I. V. Michurin. Michurinsk, 1955.
- KARAU'NYY-ZVEREV, N. V. -- "The Effect of Conditions in the External Environment on Obtaining Double-Panicle Oats (The Problem of Deriving the Double-Panicle Form of Oats)." All-Union Order of Lenin

STAT

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KOZIN, M. A. -- "The Irrigation System and Water Consumption of Spring Wheat in Rostov Oblast." Min Water Economy RSFSR. Southern Sci Res Inst of Hydraulic Engineering and Soil Improvement (YuzhNIIGiM). Novocherkassk, 1955.

KOLESNIK, Z. V. -- "The Formation of Fruit Buds on Grape Vines under Various Meteorological and Agricultural-Engineering Conditions." Min Higher Education Ukrainian SSR. Odessa Agricultural Inst. Beregovoy, 1956.

KONSIN, K. K. -- "Bacon-Fattening of Pigs in the Estonian SSR on Local Fodders." Acad Sci Estonian SSR. Department of Biological, Agricultural, and Medical Sciences. Tallin, 1956.

KRIVOSHEYA, M. D. -- "Determination of the Variety of Winter Wheat by the Method of Laboratory-Variety Control." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. Makhachkala, 1955.

KUBLITSKAYA, M. A. -- "Parasitic Chlorosis of Grape Vines in Central Asia." Min Higher Education USSR. Tashkent Agricultural Inst. Tashkent, 1955."

LISTENGURT, M. A. -- "The Mechanization of the Deep Application of Liquid Fumigants in the Soil." All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. All-Union Sci Res Inst of Plant Conservation. Leningrad, 1955.

LOBOV, N. F. -- "Irrigation of Potatoes in Rostov Oblast." Min Water Economy RSFSR. Southern Sci Res Inst of Hydraulic Engineering and Soil Improvement (YuzhNIIGiM). Novocherkassk, 1955.

MEDVEDEVA, A. S. -- "The Cross-Pollination of Table Beets with Sugar Beets with Various Amounts of Spatial Isolation under the Conditions of the Forest Steppe in the Ukrainian SSR." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. Khar'kov, 1955.

MOTOVILOV, B. A. -- "The Study and Improvement of the Varieties of Apricots in Kuban'." Min Higher Education USSR. Fruit and Vegetable Inst imeni I. V. Michurin. Michurinsk, 1956.

NEBOL'SIN, I. M. -- "The Dynamics of the Physicochemical Properties of Soil in Connection with the Irrigation of Spring Wheat and Vegetable Crops." Min Higher Education USSR. Voronezh Agricultural Inst. Voronezh, 1956.

NECHISTIK, V. G. -- "Aspects of the Growth and Productivity of Structural Oak Plantations of Artificial Origin." Min Higher Education. Voronezh Forestry Inst. Voronezh, 1955.

PEREPICHKO, N. P. -- "The Agricultural Engineering of Insecticidal Dalmatian and Caucasian Pyrethrum Plants." Min Higher Education USSR. Voronezh Agricultural Inst. Voronezh, 1956.

PLATONOV, A. V. -- "Race Horses of the Cherepovets State Breeding Farm and Methods of Improving Them." Yerevan Zooveterinary Inst. Yerevan, 1955.

STAT

- RAYEVSKAYA, S. S. -- "The Crop Yield of Cotton as a Function of the Conditions of Nutrition in the Initial Period of Development of the Plant." Min Higher Education USSR. Belotserkov' Agricultural Inst. Kherson, 1955.
- RIEKSTIN'SH, A. R. -- "Changes in the Structure and Water-Air Conditions of Loam and Clay Soils of the Latvian SSR under the Influence of Cultivation." Min Higher Education USSR. Latvian Agricultural Academy. Riga, 1955.
- ROMANOVA, A. D. -- "The Biochemical Characteristics of Tea and the Photosynthesis of the Tea Plant under the Conditions of Krasnodar Kray." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1955.
- RUBINSHTEYN, M. I. -- "Aspects of the Decomposition of Organic Substances and Structure Formation in the Low-Humus Carbonate Chernozems of Northern Kazakhstan under Agricultural Use." Sci Res Inst of Farming imeni Academician V. R. Vil'yams, Kazakh Affiliate, VASKhNIL. Alma-Ata, 1956.
- CHEREPOVA, O. M. -- "The Annual Meadow Crops of Tambov Oblast." Min Higher Education. Fruit and Vegetable Inst imeni I. V. Michurin. Michurinsk, 1955.
- CHERNONOG, L. T. -- "Evaluation of Certain Procedures of Cultivating Perennial Grasses in North Kazakhstan Oblast." Kazakh Affiliate, All-Union Order of Lenin Academy of Agricultural Sciences imeni V. I. Lenin. Sci Res Inst of Farming imeni Academician V. R. Vil'yams. Alma-Ata, 1955.

VETERINARY SCIENCES

For the Degree of Doctor in Sciences

- GORYAINOVA, Z. S. -- "Ruminography in the Functional Diagnosis of Diseases of the 'Fore-Stomach' in Cattle." Min Higher Education USSR. Kazan' Veterinary Inst. Kazan', 1956.
- PETROVA, Ye. V. -- "Chemotherapy of Babesiosis of Cattle Using Hemosporidin, Thiargen, and Tripaflavin, and the Pharmacodynamics of These Preparations." Min Higher Education USSR. Kazan' Veterinary Inst imeni N. E. Bauman. Vitebsk, 1955.

For the Degree of Candidate in Sciences

- YEFIMOVA, N. A. -- "Morphological and Cultural-Biological Aspects of Actinomyces Bovis." Min Higher Education USSR. Moscow Veterinary Academy and Ivanovo Agricultural Inst. Ivanovo, 1955.
- URBANOVICH, P. P. -- "Changes in the Intramural Ganglia of the Stomach and Intestinal Tract in Infectious Encephalomyelitis of Horses." L'vov Zooveterinary Inst. L'vov, 1956.

MEDICAL SCIENCES

For the Degree of Doctor in Sciences

STAT



MOLOKOV, I. N. -- "Experience in Using Absorption Spectrophotometry under Clinical and Experimental Conditions." Acad Med Sci USSR. Moscow, 1956.

KHOLODENKO, M. I. -- "Study of Disorders in Venous Blood Circulation in the Brain." Kuybyshev State Medical Inst. Kuybyshev, 1956.

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ANDRONOVA, G. P. -- "Experimental-Hygienic Study of Agricultural Food Crops Treated with Certain Insecticides." First Moscow Order of Lenin Medical Inst imeni I. M. Sechenov. Moscow, 1956.

ASHRAFOV, A. G. -- "The Treatment of Trophic Ulcers with Biogenic Stimulators." Azerbaydzhn State Medical Inst. Baku, 1956.

BARTENEV, V. D. -- "Toxicological-Hygienic Characteristics of Vinyl Acetate and Conditions of Its Production." Min Health RSFSR. Leningrad Sanitary-Hygiene Medical Inst. Leningrad, 1955.

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