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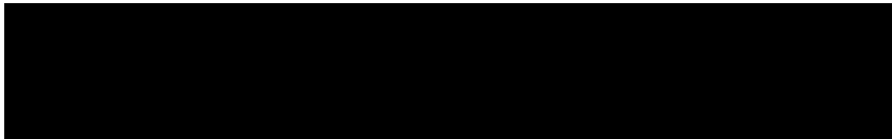
A LIST OF REFERENCES TO SOVIET PHOTOGRAMMETRIC LITERATURE



CIA/RR-ER-7

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PART I

ALPHABETICAL LIST

of

SOVIET PHOTOGRAMMETRIC LITERATURE

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A LIST OF REFERENCES TO SOVIET PHOTOGRAMMETRIC LITERATURE

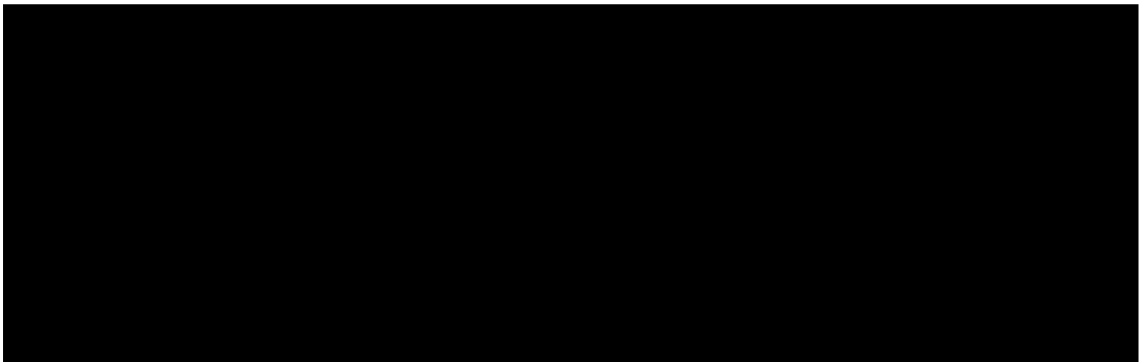
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FOREWORD

This bibliography is one of several publications prepared for an external research project entitled "The Problem of Soviet Capabilities in Geodesy and Cartography," which was sponsored by the CIA as an element of the research program of the Geography Division, Office of Research and Reports. The project was carried out in 1951-53 under 25X1A5a1



This bibliography is one of four publications on Soviet photogrammetry and supplements references contained in three other reports: Review of Soviet Photogrammetric Procedures, CIA/RR-ER-4, May 1954; Soviet Geodetic and Photogrammetric Instrumentation, CIA/RR-ER-5, April 1954; and Additional References to Soviet Diagrams, Sketches, and Photographs of Soviet Geodetic and Photogrammetric Instruments, CIA/RR-ER-6. Because of their specialized and highly technical character, a limited number of copies of ER-6 and ER-7 have been distributed. They are available to others only on loan or specific request.

Part I of this Research Aid lists references in alphabetical order by author, as given in the original publications; in several instances full names are not given or appear only in abbreviations. Part II is a topical index prepared by the Photo Intelligence Division, RR, CIA.

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The index was prepared from English translations of the titles. Subjects are listed alphabetically, and are cross-referenced to corresponding entries in Part I.

Since most of the titles listed are unclassified and obtainable from open library sources, they may be used in the same way as any other unclassified sources in research work or bibliographical references provided they are not identified with this report. Specific classifications are given for all classified publications cited; their existence and source of availability must be accorded security protection commensurate with their classification.

Other publications produced under terms of this contract and issued to date are:

Geodetic Gravimetry in the USSR, CIA/RR-ER-1, 18 October 1951.
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Deformation of the Crust of the Earth and Terrestrial Magnetism, CIA/RR-ER-2, 18 October 1951. SECRET.

General Critique of Soviet Gravimetric Data with an Annotated Bibliography, CIA/RR-ER-3, April 1954. SECRET.

Selected Bibliography of Soviet Studies in the Field of Cosmic Rays, CIA/SI 78-54, 2 March 1954. Cover and foreword, SECRET; bibliography, unclassified.

Review of Soviet Photogrammetric Procedures, CIA/RR-ER-4, May 1954.
SECRET.

Soviet Geodetic and Photogrammetric Instrumentation, CIA/RR-ER-5, 15 April 1954. SECRET.

Additional References to Soviet Diagrams, Sketches, and Photographs of Soviet Geodetic and Photogrammetric Instruments, CIA/RR-ER-6, May 1954. SECRET.

Selected Bibliography of Soviet Literature on Meteorology and Climatology, CIA/SI 84-54, 12 May 1954. SECRET.

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The Organization of Soviet Geodesy and Cartography, CIA/RR-ER-8,
June 1954. SECRET.

A Report on Soviet Geodesy, CIA/RR-ER-9, August 1954. SECRET.

Leveling in the USSR, CIA/RR-ER-10, August 1954. SECRET.

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List of Abbreviations and Reference Keys Used in the Mapping and Charting Research Laboratory Technical Reports Dealing with Bibliographic Materials.

DLC AS262.A62 Library Call Number at the Library of Congress; all other prefixes are self-explanatory, with the following exceptions.

AMS Army Map Service

ACIC Aeronautical Chart and Information Center

ATIC Air Technical Intelligence Center

M.F. No. Refers to the OSU-MCRL microfilm on which the reference may be found (no longer available at MCRL).

Folder No. Refers to photostated material of two types, e.g.: Folder No. Red 67 for instance, is a reference photostated directly from an original manuscript or book, the original of which could not be made otherwise available to this Laboratory; Folder No. Purple 67 is a photostat printed from microfilm already available at the Laboratory (no longer available at the MCRL).

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<u>Author</u>	<u>Title</u>	<u>Publishing Agency</u>	<u>Library Cat. No.</u>	<u>OSU M.F. No.</u>
Afanas'yev	Ispytaniye fotoob'yektiv (Tessar-Tseyss) na distorsiyu. (Examination of the Lens System of the Tessar-Zeiss for Distortion)	Geodezist, No. 7, 1936. p. 68-77.	DLC QB296.R813	122-S
Afanas'yev, N.I.	Opyt sostavleniya karty mashtaba 1:500,000 po planovym aerosnimkam s ispol'zovaniyem vedomstvennogo materiala. (Experiment of the Compilation of a 1:500,000 map with Aerial Survey and Departmental Materials)	Geodezist, No. 3, 1940. p. 31-37.	DLC QB296.R813	66-P
Afanas'yev, V.A.	Vliyaniye vypravivayushchego stekla i svetofil'tra v aerofoto - apparate na kachestvo izobrazheniya. (Influence of the Straightening Glass and the Color Filter of an Aerial Photographic Camera on the Quality of the Image)	Sbornik NTiPS, Vyp. 8, 1945. p. 56-73.	AMS	Red #8
Agokas, N. N.	K voprosu o primenenii tsvetnoy aerofotograficheskoy plenki. (The Problem of the Application of Colored Aerial Films)	Sbornik NTiPS, Vyp. 24, 1949. p. 73-80.	DLC Slavic Un- classified	18-D
Aleksandrov, B.V.	O neravnomeroy deformatsii aerofil'ma i metod yeye ustraneniya. (On the Irregular Deformation of Aerial Film and the Method of its Elimination)	Trudy TsNIIGAIK, Vyp. 4, 1931. p. 265-271.	DLC Slavic Un- classified	89-B

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<u>Author</u>	<u>Title</u>	<u>Publishing Agency</u>	<u>Library Cat. No.</u>	<u>OSU M.F. No.</u>
Aleksapol'skiy, N.M.	Konturnaya aeros"yemka. (Relief Aerial Surveying)	Geodezist, No. 6-7, 1925. p. 21-31.	DLC QB296.R813	197-E
Aleksapol'skiy, N.M.	Otvet na stat'yu inzhenera Kurlina, D.I. "Nuzhna li fototriangulatsiya". (Answer to an Article by Engineer, Kurlin, D.I., "Is Phototriangulation Necessary?")	Geodezist, No. 1, 1937. p. 55.	DLC QB296.R813	97-A
Aleksapol'skiy, N.M.	Kombinirovannaya aeros"yemka. (Combination-Type Aerial Surveying)	Trudy GNIIGIK, Leningrad Section, Vyp. 1, 1929. p. 174-186.	DLC Slavic Unclassified	87-S
Al'ter, S.P.	Opyt kameral'nogo deshifirovaniya aerosnimkov pri kartografirovani v masshtabe 1:100,000. (An Experiment in Laboratory Identification of Aerial Photographs on the Scale of 1:100,000)	Sbornik MFIIPS 18, 1948. p. 77-81.	AMS	Red #5
Artanov, A.I.	O rabotakh voyemno topograficheskogo upravleniya po aerofotos'yemke. (On Aerial Surveying by the Military Topographic Administration)	Trudy TsmiigaiK, Vyp. 1, 1929.	DLC Slavic Unclassified	87-S
Ashmarin, S.A.	Opyt primeneniya aeros"yemki pri lesoustroystve. (Experiment on the Utilization of Aerial Surveying in Forestry)	Trudy GNIIGIK, Leningrad Section, Vyp. 4, 1931. p. 89-120.	DLC Slavic Unclassified	89-B
Avilov, M.V.	O tochnosti rascheta risoval'nogo pribora. (On the Accuracy of Design of Drawing Apparatus)	Sbornik MFIIPS, Vyp. 16, 1948. p. 39-44.	DLC Slavic Unclassified	18-D

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<u>Author</u>	<u>Title</u>	<u>Publishing Agency</u>	<u>Library Cat. No.</u>	<u>OSU M.F. No.</u>
Baranov, N.I.	Opyt ucheta i otsenki lesoustroitel'nykh rabot, proizvedennykh v Chashchinskoy lesnichestve Leningradskoy Oblasti s primeneniym aerofotos"yemki. (Evaluation of Experimental Silviculture Work Performed by the Chashchinskoy Forestry of Leningrad Oblast' with the Use of Aerial Surveying)	Trudy GNIIGiK, Leningrad Section, Vyp. 4, 1931. p. 121-134.	DLC Slavic Unclassified	89-B
Bashman, I.A.	Razdvizhnoy stereoscop dlya perenosna rel'yefa. (Extension-type Stereoscope for Relief Transferring)	Sbornik NTiPS, Vyp. 2, 1943. p. 89-90.	DLC QB301.R8	Red #2
Begunov, B.N.	Novyy shirokougol'nyy ortoskopi-cheskiy aerofotos'yemochnyy ob'yektiv Keonar 2 zavoda Aerogeopribor. (Modern Wide-Angle Orthoscopic Lens System, "Keonar 2", Produced by the Plant Aerogeopribor)	Geodezist, No. 1, 1938. p. 52-55.	DLC QB296.R813	118-H
Begunov, B.N.	Vliyaniye zerkal stereopriborov na tochnost' fotogrammetricheskikh izmereniy. (Influence of Mirrors in Stereoscopic Instruments on the Precision of Photogrammetric Measurements)	Sbornik NTiPS, Vyp. XXIII, 1949. p. 48-61.	DLC Slavic Unclassified	18-D
Belavin, A.	Reproduktionnaya fotokamera s avtomaticheskoy ustanovkoy fokusnogo rasstoyaniya. (Reproduction Photocamera with an Automatic Adjustment of the Focal Length).	Geodezist, No. 3-4, 1933. p. 66-71.	DLC QB296.R813	143-X

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<u>Author</u>	<u>Title</u>	<u>Publishing Agency</u>	<u>Library Cat. No.</u>	<u>OSU M.F. No.</u>
Beresnev, I.	Proizvodstvo teodolitnykh rabot pri kombinirovannoy aerofototopos'yemke. (Utilization of Theodolite Work in Combination Aerial-Photo Topographic Survey)	Geodezist, No. 12, 1930. p. 40-43.	DLC QB296.R813	163-K
Binshtok, M.	Shirokougol'nyy ob'yektiv Liar-6. (Wide-Angle Objective, Liar-6)	Geodezist, No. 11-12, 1934. p. 56-59.	DLC QB296.R813	132-F
Biske, G.S.	Opyt primeneniya aerovizual'nykh nablyudeniy pri s'yemke chetvertichnykh otlozheniy v Karelii (An Experiment in the Use of Visual Observations from the Air in Surveying Quaternary Deposits in Karelia)	Izvestiya Karelo-Finskogo Filiala Akademii Nauk SSSR, No. 4, Petrozavodsk, 1949. p. 7-16.	DLC AS262.A62483	148-O
Blokhin, N.	Iz praktiki vozduzhnoy stereofotograficheskoy s'yemki. (From Practice of Aerial Photographic Surveying)	Geodezist, No. 5, 1931. p. 1-18.	DLC QB296.R813	209-H
Blymberg, I. and Kharchenko, V.	Proizvodstvo sovetsskoy pankhromaticheskoy aeroplennki. (Manufacturing of Soviet Panchromatic Aerial Film)	Geodezist, No. 5-6, 1934. p. 68-70.	DLC QB296.R813	132-B
Bonch-Bruyevich, M.	Issledovaniya aeros'yemka i yeye primeneniye dlya zemleustroystva, promyshlennosti, stroitel'stva i putey soobshcheniya. (Some Investigations. Aerial Surveying and Its Use for Land Control, Industry, Construction and Communications ((Roads, Railroads and Waterways))	Poverkhnost' i Nedra. Vol. V., No. 7-8 (35-36), 1927. p. 23-38.	DLC TN4.P6	125-G

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<u>Author</u>	<u>Title</u>	<u>Publishing Agency</u>	<u>Library Cat. No.</u>	<u>OSU M.F. No.</u>
Bonch-Bruyevich, M.D.	Aerofotos"yemka. (Aerial Surveying)	Transpechat' NKPS, 1931.	DLC TR810-B6	83-B
Bonch-Bruyevich, M.D. (Ed. in Chief)	Geodeziya. Spravochnoye Rukovodstvo. Tom IV, Aerofotos"yemka. (Aerial Surveying). (M.D. Konshin, Ed.)	Izdatel'stvo Narkomkhozha RSFSR, Moskva, Leningrad, 1941. 321 pp.	DLC TA545.G3	19-A
Breyvo, A.V.	Nauchno-issledovatel'skiye voprosy po aerofotos"yemke v otnoshenii geodezicheskoy podgotovki. (Scientific-Research Problems of Aerial Surveying in Connection with Geodetic Control)	Trudy, GNIIGIK, Leningrad Section, Vyp. 1, 1929. p. 137-139.	DLC Slavic Unclassified	87-S
Brodskiy, F.	Dlina marshruta ploshchadnoy aerofotos"yemki pri instrumental'nom samoletovozhdenii. (The Length of the Flight-Line in Aerial Surveying if the Aeroplane is Instrumentally Navigated)	Geodezist, No. 6, 1939. p. 55-64.	DLC Q8296-R813	79-M
Brodskiy, F.	Raschetnoye vremya na aerofotos"yemku pri sostavlenii proyekta letnos"yemochnykh rabot. (Time Schedule for an Aerial Survey While Setting Up a Plan for Flight Surveying Operations)	Geodezist, No. 7, July, 1939, p. 43-45.	DLC QB296.R813	79-N
Budkevich, G.I.	K voprosu primeneniya aerofotos"yemki dlya tseley gidrografii v Arktike. (The Problem of the Use of Aerial Photographic Surveying for Hydrographic Purposes in the Arctic)	"Severnnyy Morskoy Put". Sbornik Statey po Gidrografii i Moreplavaniyu. III, 1935, pp. 20-72. Leningrad, 1935.	DLC GB651.S4	18-A

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Bylov, M.V.	Ob otrazhenii sveta ot yestestvennykh poverkhnostey. (On the Reflecting Power of Natural Surfaces)	Trudy TsNIGAIK, Leningradskoye Otdeleniye. Materialy 2-go Soveshchaniya po Aerofotos'emke. Vyp. IV, 1931. p. 135-143.	DLC G600.L43	89-B
Ch.	Iz opyta aerofoto-topograficheskogo otdela. (From the Experience of the Aerial-Topographic Division)	Geodezist No. 4, 1931. DLC QB296.R813 p. 34-36.		207-Q
Ch. A.	Vnimaniye aerofotos'emke. (Attention to Aerial Surveying)	Geodezist, No. 4, 1931. p. 52-53.	DLC QB296.R813	207-Q
Chebotaev, A.S.	O rabotakh Moskovskogo Mezhevoogo Instituta po aeros'emke. (On the Aerial Surveying by the Surveying Institute of Moscow)	Trudy GNIIGIK, Leningrad Section, Vyp. 1, 1929. p. 53-55.	DLC Slavic Unclassified	87-S
Chernov, M.	K voprosu o tochnosti fotskhem. (On the Problem of Accuracy of the Mosaic)	Geodezist, No. 7-8, 1933. p. 52.	DLC QB296.R813	144-S
Chernov, M.	Stolmost' konturnoy aerofotos'yemki v zavisimosti ot rayona. (The Cost of Relief Aerial Photographic Surveying Depending Upon the Region)	Geodezist, 1933, No. 1-2, pp. 39-53.	DLC QB296.R813	139-Y
Chernyshev, V.	Aerofotos'yemka miniatur-poligona. (Aerial Photographic Surveying of a Miniature (Model) of a Proving Ground)	Artilleriyskiy Zhurnal, No. 4, 1941. p. 77-80.	DLC UF1.A686	101-Q

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Chibisov, K.	Trebovaniya k sostavam negativnykh svetochuvstvitel'nykh materialov i usloviya ikh obrabotki v aerofotografii. (The Chemical Composition of the Negative Sensitive Materials and Their Processing Conditions in Aerial Photography)	Trudy TSNIGAIK, Leningradskoye Otdeleniye Materialy 2-go soveshchaniya po Aeros"yemke, Vyp. 4, 1931. p. 210-246.	DLC Slavic Unclassified	89-B
Chibisov, K.V.	Kolichestvennyy fotograficheskiy metod i yego znachenie v aerofotografii. (Quantitative Photographic Method and Its Significance for Aerial Photography)	Trudy GNIIGIK, Leningrad Section, Vyp. 1, 1929. p. 114-136.	DLC Slavic Unclassified	87-S
Churilovskiy, V.N.	Teoriya opticheskoy transformatsii vozdushnykh snimkov dlya tseley kartografii. (Theory of Optical Rectification of Aerial Photographs for Cartographic Purposes)	Trudy TSNIGAIK, Vyp. 7, 1931. p. 3-18.	DLC Slavic Unclassified	89-E
Dargevich, A.K.	Aerofotos"yemka i problema geologorazvedochnykh rabot na more. (Aerial Surveying and the Problem of Geological Prospecting at Sea)	Azerbaydzhanskoye Neftyanoye Khozaystvo, No. 5 (137), 1933. p. 9-13.	DLC TN860.A8	167-Q
Deshkin, A.	K statye "Rakognostsirovka vysotno-vozdushnoy s"yemki." (On the Article, "Reconnaissance of the Relief-Aerial Survey")	Geodezist, No. 4, 1931. p. 55-56.	DLC QB296.R813	207-Q
Ditts, O.G.	O nauchno-issledovatel'skikh rabotakh po aerofotos"yemke v otnoshenii topografii. (On Scientific Research in the Field of the Aerial Surveying in Connection with Topography)	Trudy GNIIGIK, Leningrad Section, Vyp. 1, 1929. p. 140-141.	DLC Slavic Unclassified	87-S

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Dobrokhotov, Yu.S.	Rezul'taty ispytaniy i proizvodstvennogo primeneniya vysotomerov v 1938 godu. (Results of the Examination and Practical Application of Altimeters in 1938)	Geodezist, No. 5, 1939. p. 57-65.	DLC QB296.R813	78-N
Dobrokhotov, Yu.S.	Krivizna linii izobrazheniya gorizonta na aerosnimke. (Curvature of the Line of Representation of Horizon on an Aerial Photograph)	Seriya geograf. i geofiz. Izvestiya Akademii Nauk SSSR, Tom XIII, No. 2, 1949. p. 168-172.	DLC Slavic Unclassified	32-A
Dobrokhotov, Yu.S.	Izmereniye raznostey vyсот fotografirovaniya v polete. (Measurement of the Difference of the Altitudes of Photography when Flying)	Trudy Lab. Aerometodov, Vol. 1, 1949. p. 92-139.	DLC Slavic Unclassified	124-R
Dobrokhotov, Yu.S.	Opredeleniye uglov naklona samoleta po uglam naklona aerosnimkov. (Determination of the Tilt Angles of the Aeroplane by the Tilt Angles of Aerial Photographs)	Trudy Laboratorii Aerometodov, Vol. 1, 1949. p. 61-65.	DLC Slavic Unclassified	124-R
Dobrokhotov, Yu.S.	Aeros'yemka v vulkanologicheskikh ekspeditivnykh Akademii Nauk SSR. (Aerial Surveying on Volcanological Expeditions of the Academy of Science of the U.S.S.R.)	Trudy Laboratorii Aerometodov, Vol. 2, 1950. p. 77-87.	DLC Slavic Unclassified	170-B
Dobrokhotov, Yu.S. and Romanovskiy, G.V.	Avtomaticheskoye resheniye zadachi detsentratsii negativa v transformatore. (Automatic Solution of the Problem of Decentralization of the Negative in the Rectifier)	Geodezist, No. 5, 1937. p. 49-52.	DLC QB296.R813	97-E

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Drake, D.V.	Zavisimost' shirokogo primeneniya fototeodolitnyy s"yemki ot postroyki priborov. (Dependence on Widespread Use of Phototheodolite Surveying in the Production of Instruments)	Geodezist, No. 3 1937. p. 40-42.	DLC QB296.R813	97-C
Drobyshev, F.	Fototriangulyatsiya i peredacha vysot. (Phototriangulation and Extending Altitude Control)	Geodezist, No. 12, 1930. p. 29-33.	DLC QB296.R813	163-K
Drobyshev, F.	Stereocavtograf. (Stereo Autograph)	Geodezist, No. 7-8, 1933. p. 39-45.	DLC QB296.R813	144-S
Drobyshev, F.	Problemy stereofotos"yemki v SSSR. (Problems of Stereophotosurveying in the U.S.S.R.)	Geodezist, No. 9-10, 1934. p. 93-96.	DLC QB296.R813	132-E
Drobyshev, F.	Fotogrammetricheskoye priborostryeniye v TsNIGAIK. (Construction of Photogrammetrical Instruments in the TsNIGAIK)	Geodezist, No. 3, 1939. p. 58-67.	DLC QB296.R813	77-L
Drobyshev, F.V.	I. Fotopoligonometriya i uproshchennyye sposoby obrabotki aerosnimkov. (Photographical Traverses and Simplified Methods of Processing Aerial Photographs) II. Aerotransformator. (Aerial Rectifier)	Trudy GNIIAIG, Vol.V 1931. p. 3-20.	DLC QB275.M64	79-A
Drobyshev, F.V.	Aerotransformator. (Aerial Rectifier)	Trudy GNIIAIG, Vol.V, 1931, p. 20.	DLC Slavic Un- classified	89-C
Drobyshev, F.V.	Aerotransformator. (Aerial Rectifier)	Trudy TsNIGAIK, Vol. 5, 1931, p. 20	DLC QB275.M64 DLC Slavic Un- classified	79-A 89-C

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<u>Author</u>	<u>Title</u>	<u>Publishing Agency</u>	<u>Library Cat. No.</u>	<u>OSU M.F. No.</u>
Drobyshev, F.V.	Vysotnyye fotogrammetricheskiye khoda. (Level Control of Photogrammetric Surveys)	Trudy GNIIGIA. Lenin-gradskoye Otdelenie. Materialy 2-go soveshchaniya po Aerofo-tos'yemke. 1931. p. 187-198.	DLC Slavic Un-classified	89-B
Drobyshev, F.V.	Nadirnaya triangulyatsiya po aerosnimkam. (Nadir Triangulation on Aerial Photographs)	Trudy GNIIGIK, Vyp. I, 1929. p. 192-195.	DLC Slavic Un-classified	87-S
Drobyshev, F.V.	Nadirnaya triangulyatsiya i yeye primeneniye. (Nadir Triangulation and Its Application)	Trudy GNIIGIK, Vyp. II, 1931. p. 31-78.	DLC Slavic Un-classified	87-T
Drobyshev, F.V.	Stereometr Drobysheva. (Stereometer by Drobyshev)	Aeros'yemka, Sbornik Statey III, Moskva, 1935. p. 59-67.	DLC TR810.L4513	90-J
Drobyshev, F.V.	Novaya konstruktziya topograficheskogo stereoskopa TSD-2 i yego primeniye. (A New Construction of the Topographic Stereoscope, TSD-2, and Its Application)	Geodezist, No. 3, 1936. p. 13-32.	DLC QB296.R813	119-J
Drobyshev, F.V.	Aerofototransformator SEG-4. (Aerial Photorectifier, SEG-4)	Geodezist, No. 7, 1940. p. 31-34.	DLC QB296.R813	68-Q
Drobyshev, F.V.	Teoriya stereometricheskikh priborov. (Theory of Stereometric Devices)	Trudy TsNIIGAIK, Vyp. 32, 1940.	DLC QB275.M64	79-A
Drobyshev, F.V.	Stereoskop D-4 s uvelicheniyem. (The Stereoscope, D-4, with Enlargement)	Sbornik NTiPS, Vyp. 22, 1948. p. 79-88.	DLC QB301.R8	Red #2
Drobyshev, F.V.	Novyye stereofotogrammetricheskiye pribory. (New Stereophotogrammetrical Instruments)	Sbornik NTiPS, Vyp. 3, 1944, Moskva, p. 99-104.	DLC QB301.R8	Red #3

<u>Author</u>	<u>Title</u>	<u>Publishing Agency</u>	<u>Library Cat. No.</u>	<u>OSU M.F. No.</u>
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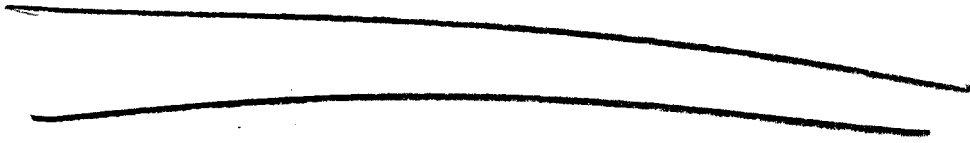
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