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Sci - Astron
Sep 58

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S-636/60 (DC4076).

New Relief Map of the Moon, by A. A. Nefed'yev,

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*JPRS

Sci - Spac Res

Aug 60

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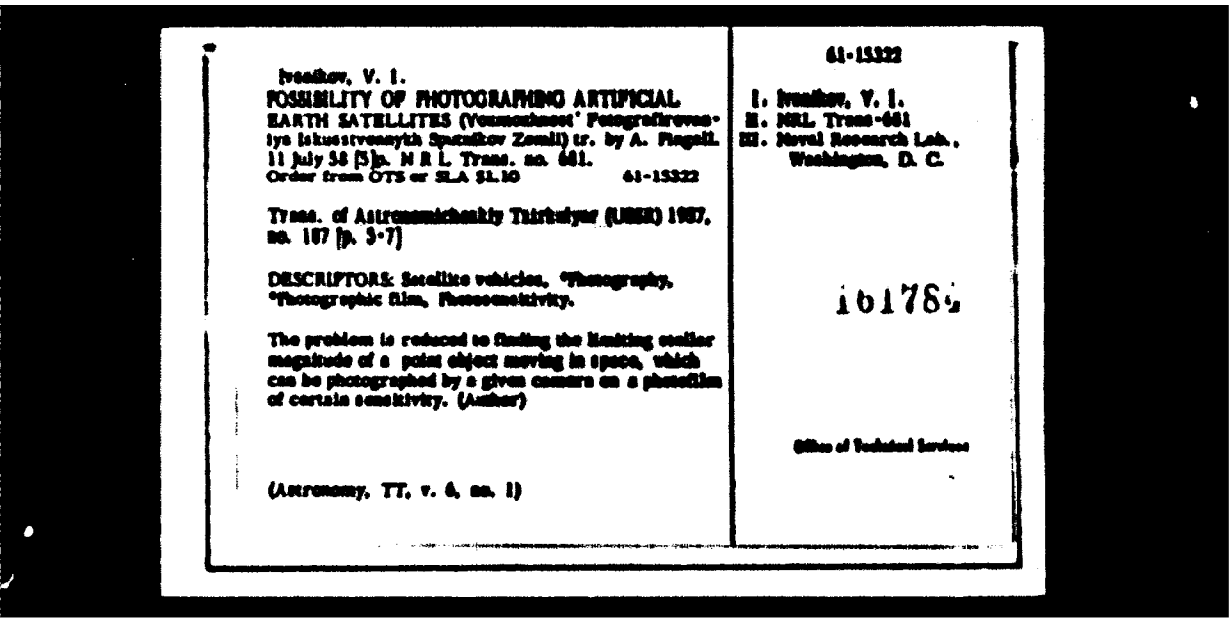

Ivanikov, V. I.
POSSIBILITY OF PHOTOGRAPHING ARTIFICIAL EARTH SATELLITES (Vozmozhnost' Fotografirovaniya Iskusstvennykh Sputnikov Zemli) tr. by A. Flegell. 11 July 58 [5]p. N R L Trans. no. 661.
Order from OTS or SLA $1.10 61-15322

Trans. of Astronomicheskiy Tsirkulyar (USSR) 1957, no. 187 [p. 5-7]

DESCRIPTORS: Satellite vehicles, *Photography, *Photographic film, Photosensitivity.

The problem is reduced to finding the limiting stellar magnitude of a point object moving in space, which can be photographed by a given camera on a photofilm of certain sensitivity. (Author)

(Astronomy, TT, v. 6, no. 1)

61-15322

I. Ivanikov, V. I.
II. NRL Trans-661
III. Naval Research Lab., Washington, D. C.

16178

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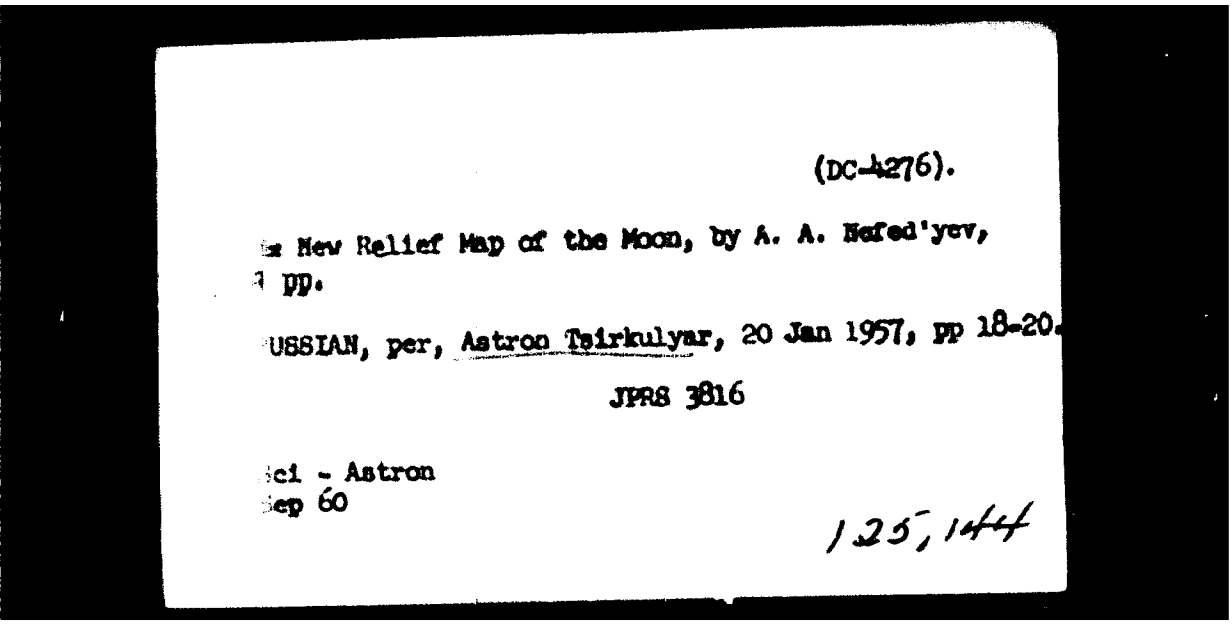

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New Relief Map of the Moon, by A. A. Nefed'yev,
4 pp.

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JPRS 3816

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Sci - Space Research

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Oct 57

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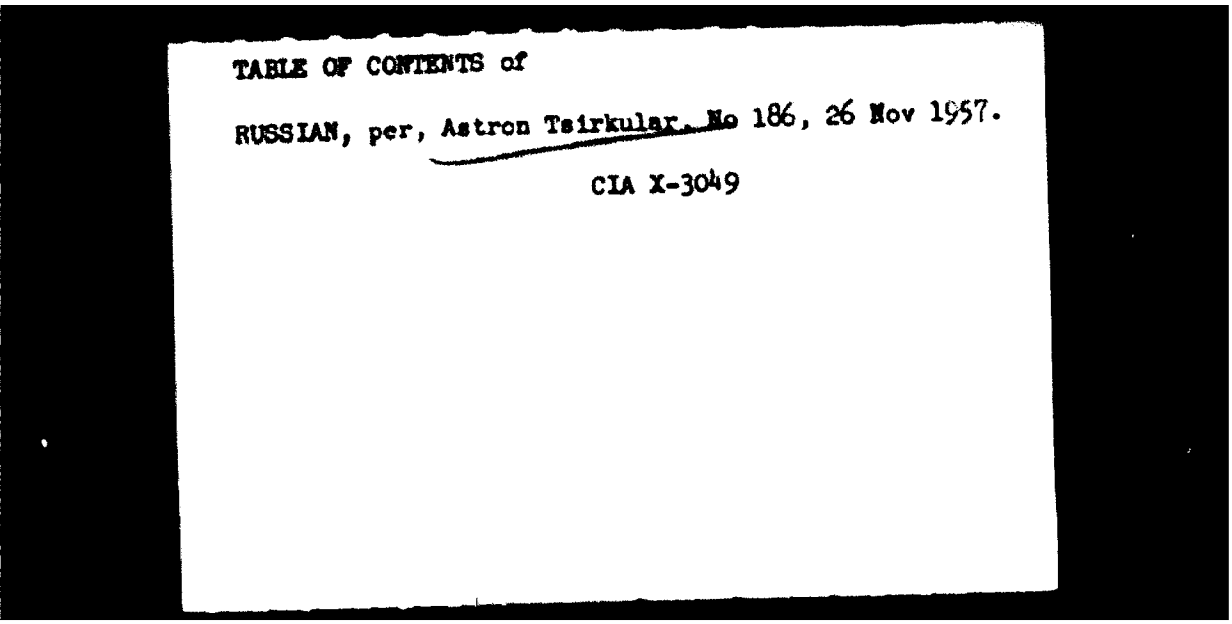

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A Possibility of Photographing Artificial Earth Satellites, by V. I. Ivanikov. UNCLASSIFIED

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Sep 58

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(DC-2652).

Change in the Brightness of Sputnik II, by Ye. A. Satanova, V. M. Grigorevskiy, 3 pp.

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(A62462).

On Rotation of Sputnik II Around Its Axis, by V. P. Tseesevich, 1p.

RUSSIAN, per, Astron Tsirkulyar, No 190, 27 Mar 1958, pp 5.

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(DC-2652).

Scheme for Sending Signals During Visual Observations of an Artificial Earth Satellite, by E. Zablovskis, E. Gravitis, 3 pp.

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Sci - Geophys, Space Research
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(DC-2651).

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US JPRS-668-D

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Camera for Photographing the Satellite, by A. M. Lozinskiy, V. V. Podobed, A. N. Smirnova, V. A. Sulin, 2 pp.

RUSSIAN, per, Astron Tsirkulyar, No 191, Moscow, pp 3-5.

JPRS-822-D

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(DC-2652).

Simple Method for Rapidly Determining the Approximate Coordinates of Artificial Earth Satellites from Photographs Taken by the NAFA ZS/25 Camera, by D. D. Polozhentsev, 3 pp.

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Question on the Rotation of Sputnik II, by V. P. Tseesevich, A. Satanova, V. M. Grigorevskiy, 2 pp.

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Approximate Prediction of the Ephemerides of Artificial Earth Satellites, by D. Shchegolev, 4 pp.

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Aug 59

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Velocity of Sporadic Meteors in January 1958, by B. Kashchayev, 1 p.

RUSSIAN, per, Astronomicheskiy Tsirkulyar, No 191, 8 May 1958, p 22.

JPRS 710-D

Sci - Geophysics
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(DC-2646)

Radar Observations of Sporadic Meteors During January-February 1958, by B. Kashcheyev, D. Luk'yashin, 9 pp.
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JPRS 710-D

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Electrophotometric Observations of Low-latitude Aurora on 11-12 February 1958 in Abastumani, by L. M. Fishkova, G. V. Markova, 2 pp.

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(US JPRS/[illegible])

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The Absolute Brightness Values of the Lunar Edge at Various Phases, by N. S. Orlova.
RUSSIAN, per, Astron Tsirkulyar, No 192,
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Color Excesses in Six Lunar Craters According to Electrophotometric Observations, by K. I. Kozlova, Yu. V. Glagolevskiy, 2 pp.

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DDC RSIC-313

Sci - E S & Ast
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S-552/60 (NY-4706)

A Comparison of Meteor Activity During the IGY Period, Taken From Visual, Radar, and Telescopic Observations at Ashkhabad, by I. S. Astapovich, 11 pp.

RUSSIAN, per, Astron Tsirkulyar, No 200, Mar 1959, pp 22-27.

JPRS 5613

Sci - Astron

Sep 60

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200780021-2

Dzhidze, M. V.
THE EMISSION NEBULA IC443 = S40, tr. by
P. Kazakov [1960] 2p. 1 ref. Trans. no. 5089
Order from LC or SLA mi$1.80, ph$1.80 61-15231

Trans. of Astronomicheskiy Tsirkulyar (USSR) 1959, no. 204, p. 13-14

Spectral observations with a prism camera in the red indicate that matter, in the form of jets and filaments, is flowing away from the nebula or is carried away from it as a stream in two opposite directions. It is difficult to think that the formation (and the [illegible] mechanism) of the filaments and jets observed near IC443 (=S40) and directed from north to south is a result of the effect of rotation, the ejection of gas from the stars, or a [illegible] of nebulosities moving in space.

Astronomy - Astrophysics TT, v. 5, no. 4)

61-15231

1. Nebulae--Spectrographic analysis
I. Dzhidze, M. V.
II. CSIRO Trans-5089
III. Commonwealth Scientific and Industrial Research Organization (Australia)

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Office of Technical Services

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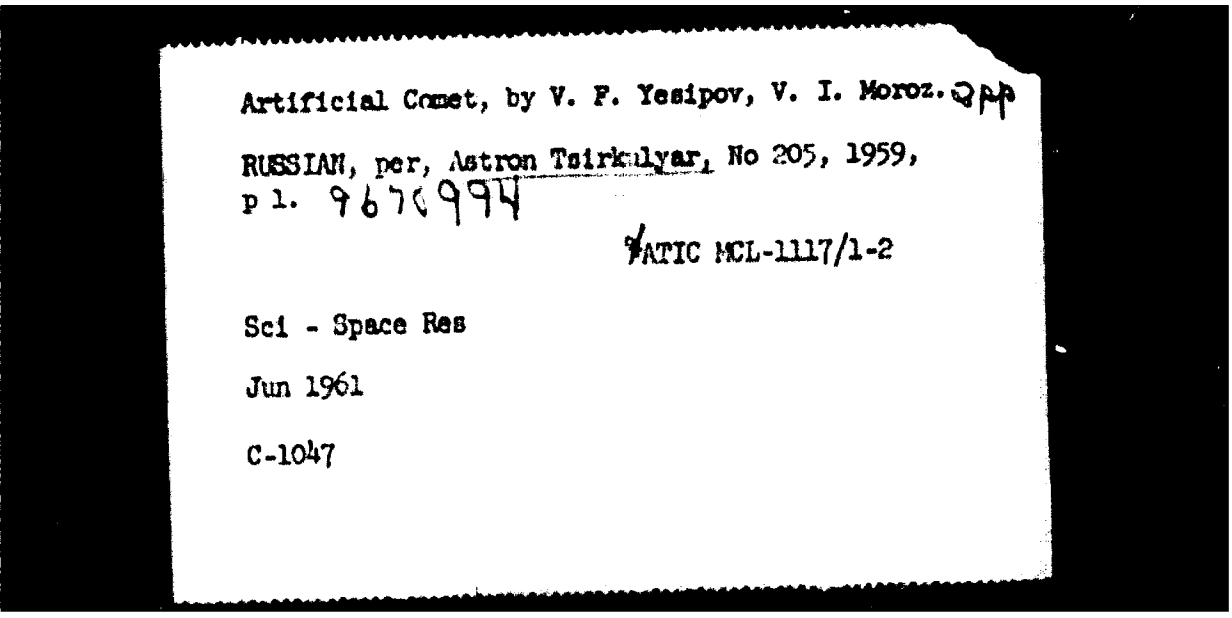

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Observations of an Artificial Comet at Byurakan, by E. Ye. Khachikyan, A. T. Kalloglyan, M. A. Kazaryan, 5 pp.

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The Spectral-Polarization Characteristics of the Lunar Surface, by V. G. Tejfel.
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pp 7, a. 9698545
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First Results of Investigation of Photographs of the Other Side of the Surface of the Moon, by N. P. Barabashov, U. N. Lipskiy, 3 pp.

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CIA/FTD X-4805

Sci - Space Res
Sym May 60

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Ionized Meteor Trails, by V. Ye. Shtepan,

RUSSIAN, per, Astron Tsirkulyar, No 208, 1960, pp 25, 26.

*FTD-TT-62-165

Sci - Astron

12 Feb 62

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Revision of Hartwig's Observations of the Moon (1890-1915) Taking Into Account the Liberation Effect, by A. A. Goryaya, 4 pp.

RUSSIAN, per, Astronomicheskiy Tsirkulyar, No 211, 1960, pp 14-16. 907509

FTD-TT-61-13

Sci - Astron

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V. V. Sharanov

Determination of the Visual and True Colors of Noctilucent Clouds.
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NASA TT F 14,460

Oct 72

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The Depth of Sunspots, by V. Chistyakov.

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CSIRO 5759

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Radioemission of Venus at 9.6 CM, by A. D. Kuz'min, A. E. Salomonovich, 4 pp.

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On the Brightness Variability of the Object which is Identified with the Radio Source 3C273, by A. Sharov, N. Efremov.
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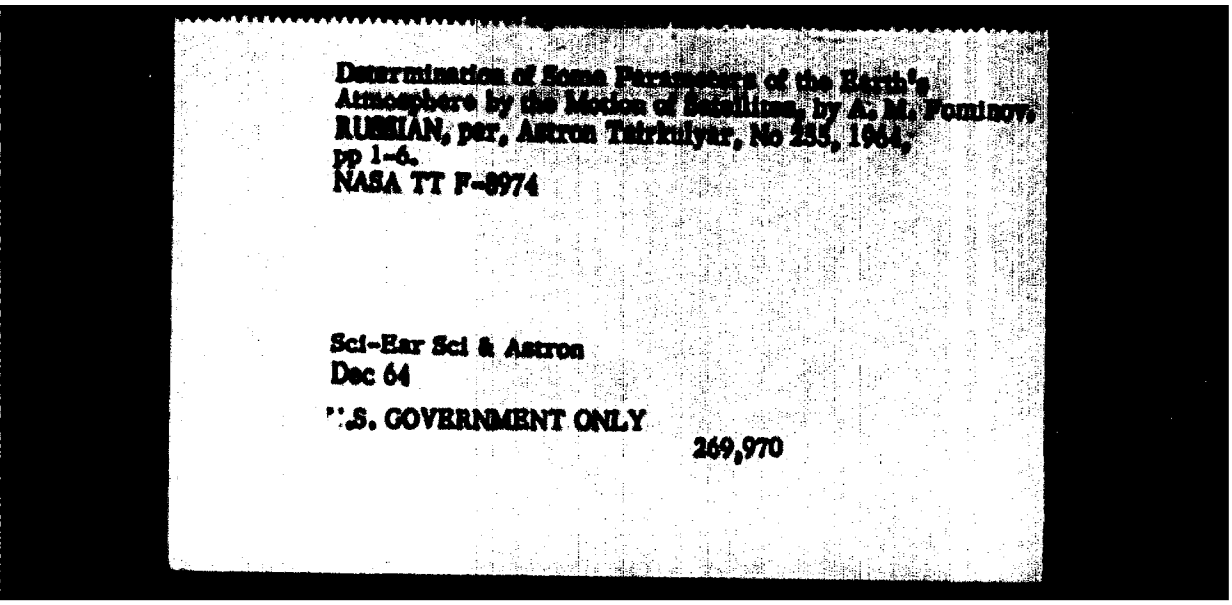

Determination of Some Parameters of the Earth's Atmosphere by the Motion of Satellites, by A. M. Fominov
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NASA TT F-9974

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Distances of the Galactic Stellar Clouds and the Spiral Structure of the Galaxy, by E. Kostyakova. RUSSIAN, per. Astronomicheskii Tsirkulyar.No 293. 1964. pp 1-4.
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NTC 69-10522-038

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Neutral Hydrogen in the Region of the Galactic Spur, by T. Lozinskaya
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On the Interpretation of the Low-Frequency Spectrum of Cygnus A , by V. Slysh
RUSSIAN, per, Astronomicheskii Tsirkulyar, no. 300, 1964, pp 2-4
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Relativistic Shock Waves in Interstellar Gas,
by S. Kaplan, N. Kardashev.
RUSSIAN, per, /Astronomicheskii Tsirkulyar, Vol
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Excited Hydrogen Radio-line Profile In the Omega Nubula, by Z. Dravskikh.
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CSIRO/ No. 7463

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Aug 67 336-121

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Radio Observations of the Partial Solar Eclipse 15.2.61 at a Wavelength of 1.5 m, by N. Barabashov.

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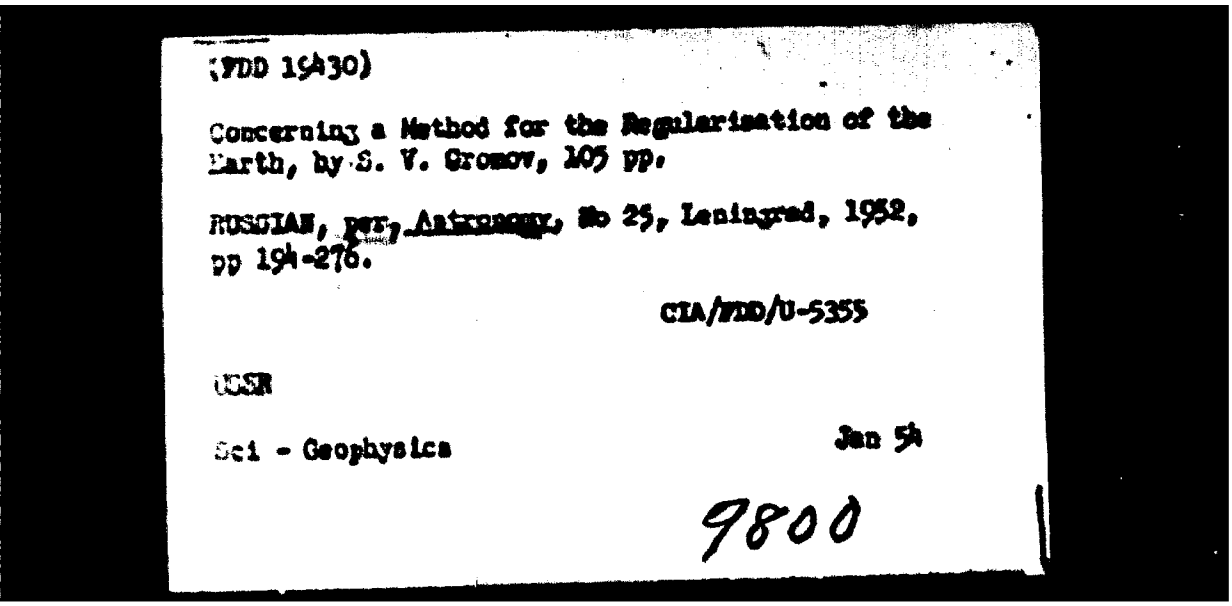

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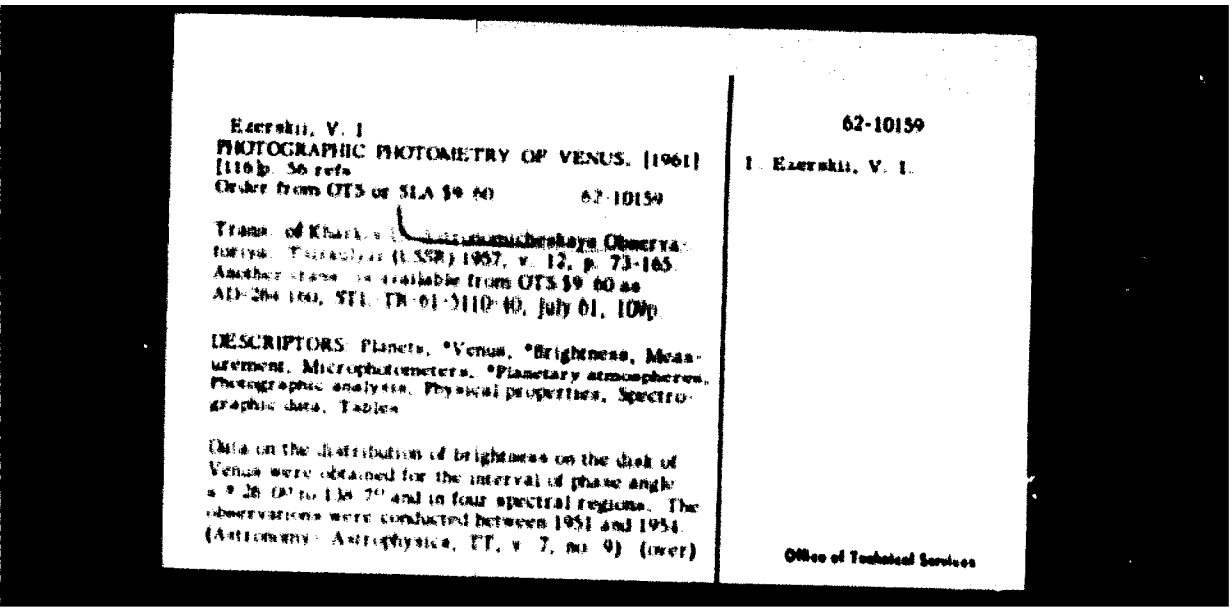

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DESCRIPTORS: Planets, *Venus, *Brightness, Measurement, Microphotometers, *Planetary atmospheres, Photographic analysis, Physical properties, Spectrographic data, Tables

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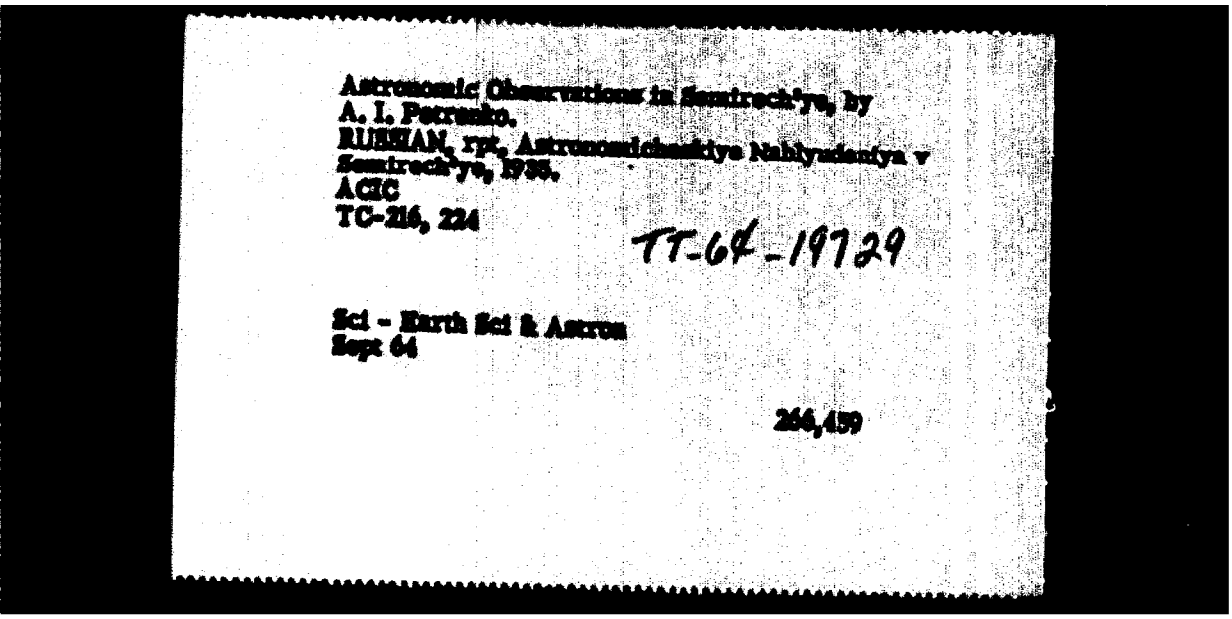

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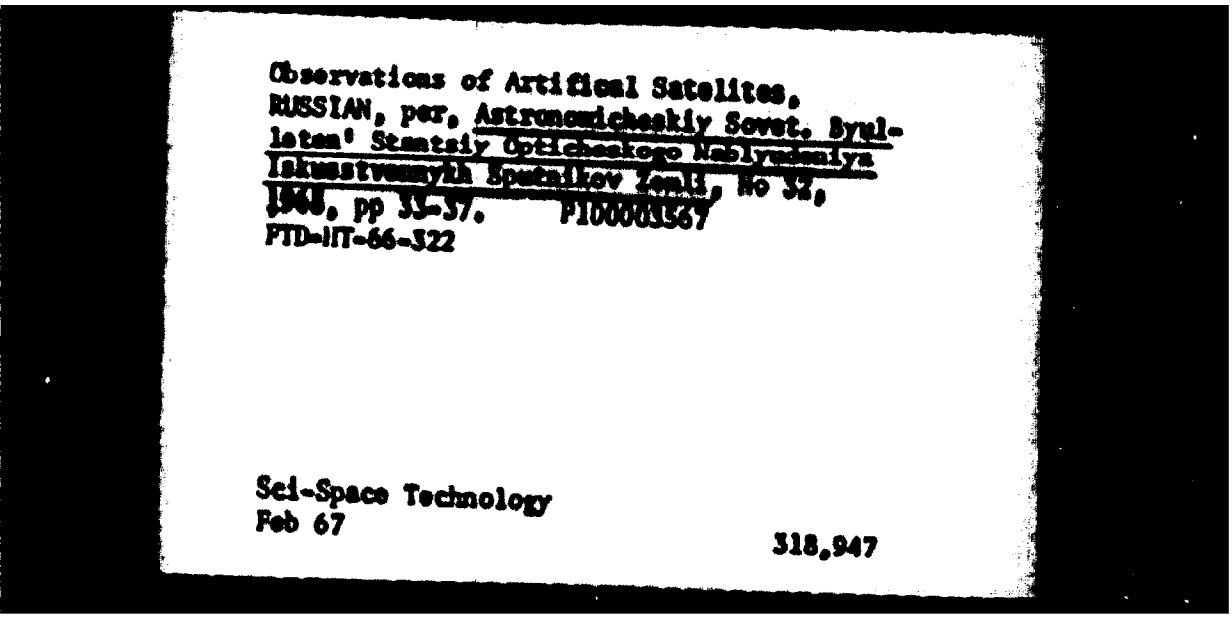

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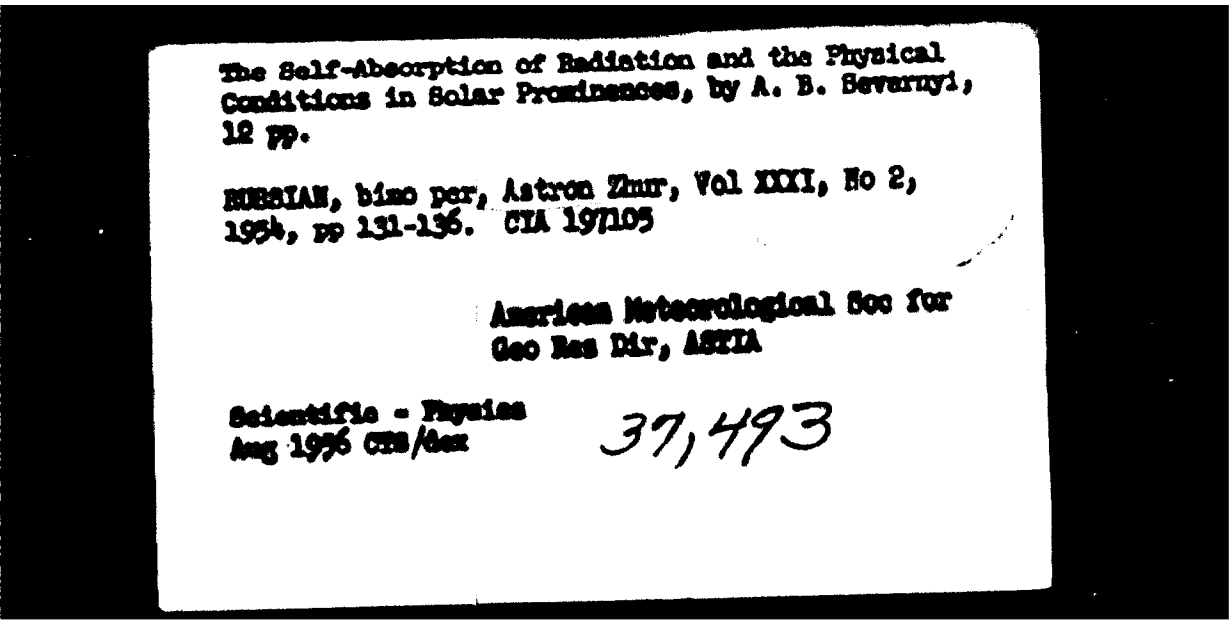

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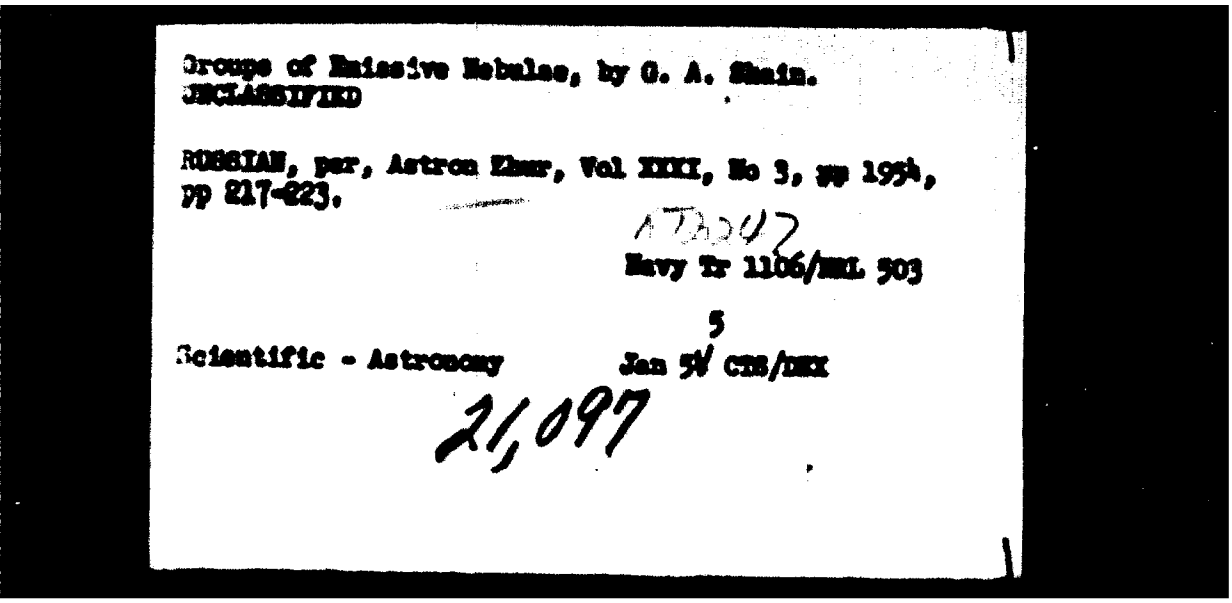

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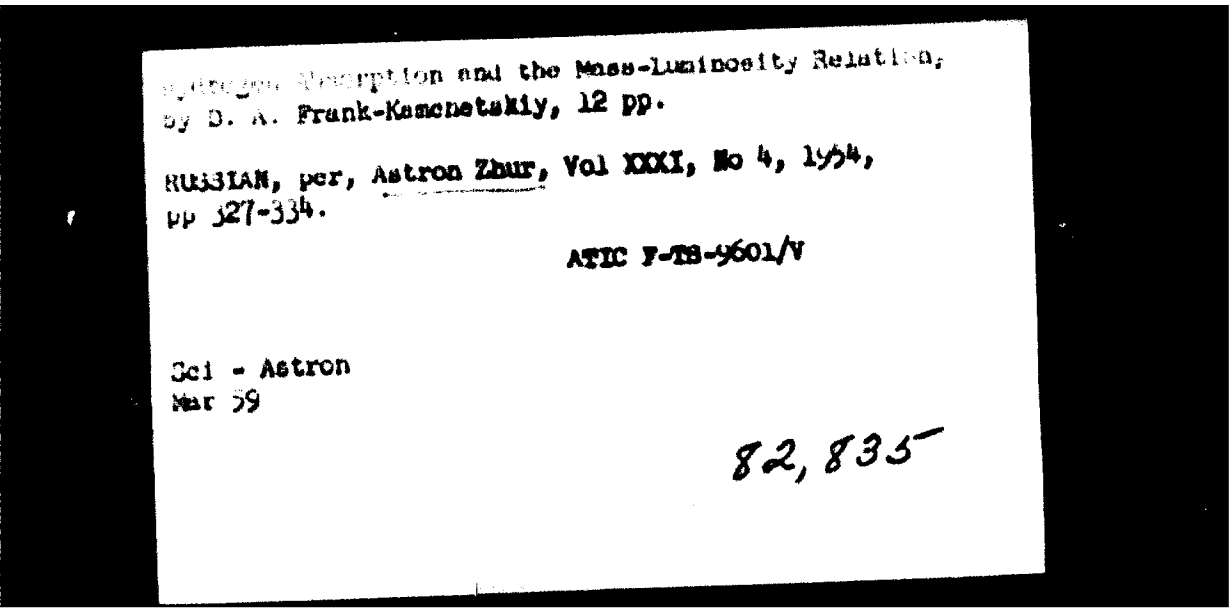

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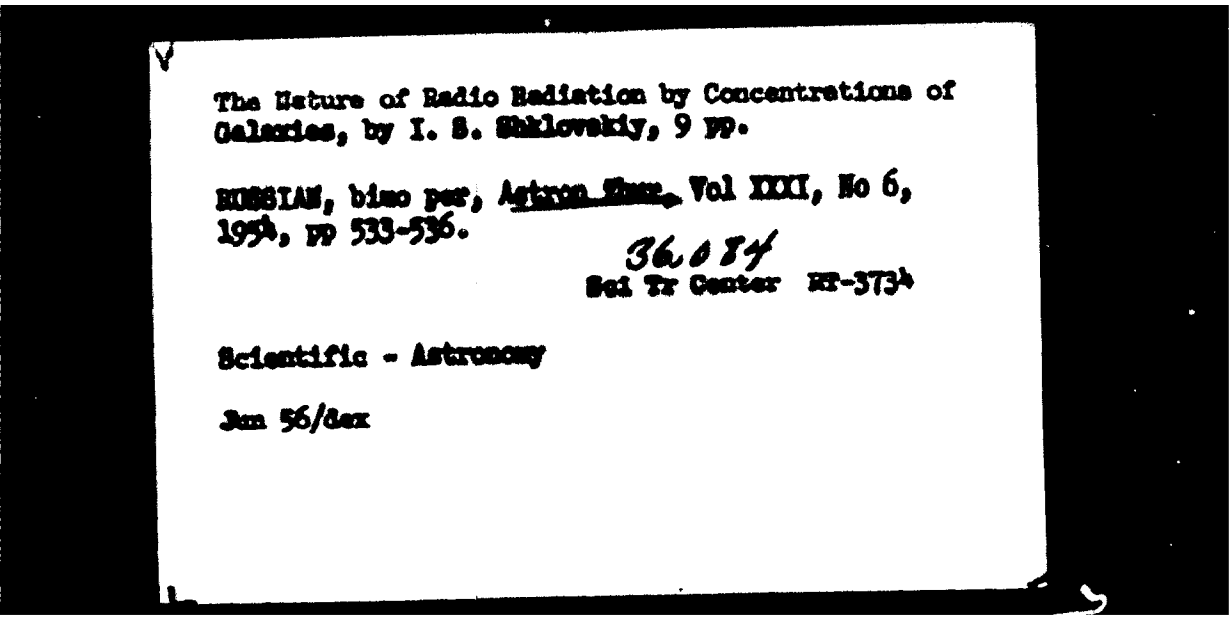

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