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The *International Catalogue of Scientific Literature* is in effect a continuation of the Royal Society's *Catalogue of Scientific Papers* which will, when completed, consist of an Author Catalogue and Subject Index covering the period of 1800-1900. Twelve quarto volumes of the Author Catalogue covering the period 1800-1883 have already been published; the volumes for 1884-1900 are in course of preparation. Volumes XIII—XV (A to II) are published. The Subject Index will be issued separately for each of the seventeen sciences dealt with in the *International Catalogue of Scientific Literature*, and will be arranged in accordance with its Schedules. The volumes for Pure Mathematics, Mechanics and Physics are published.
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South Africa.—Dr. L. Péringuey, South African Museum, Cape Town, Cape of Good Hope.

South Australia.—The Librarian, Public Library of South Australia, Adelaide.

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INSTRUCTIONS.

The present volume contains (a) Schedules and Indexes in four languages; (b) An Author Catalogue; (c) A Subject Catalogue.

The Schedules have been revised in accordance with the decisions of the International Convention of 1905.

The Subject Catalogue is divided into sections, each of which is denoted by a four-figure number between 0000 and 9999 called a Registration number. These numbers follow one another in numerical order.

In each section the final arrangement of papers is in the alphabetical order of authors' names.

To find the papers dealing with a particular subject the reader may consult either the Schedule or the Index to the Schedule. The numbers given in the Index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the right-hand top corners of the pages.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

The literature indexed is mainly that of 1914, but includes those portions of the literature of 1901-1913 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes.

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(E) ASTRONOMY

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SPECTROSCOPY

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- Spectroscopy of Sun and Eclipses                 | 4500 |
- Spectroscopy of Moon, Planets, Comets, Zodiacal Light | 6800 |
- Stellar Spectroscopy (Stars, Nebulae, etc.)      | 8000 |

(E-9277)
(E) ASTRONOMY.

BIBLIOGRAPHY AND HISTORY OF ASTRONOMY.

0000 Philosophy.

0010 History. (For History of Observatories see 2010.) Biography.

0020 Periodicals. Year Books. Prizes. Reports of Institutions. Societies, Congresses, etc. (For Reports of Observatories see 2010.)


0032 Bibliographies (General; for Special Bibliographies see the appropriate Section).

0040 Addresses. Lectures. etc., of a general character.

0050 Pedagogy.


0070 Nomenclature.

SPHERICAL (GEOMETRICAL) ASTRONOMY.

0100 General.

0105 Apparent flattening of the heavens. Apparent size of the heavenly bodies.

0110 Celestial Sphere; Coordinates, their Transformation and Differential Variation.

0150 Longitude (Geographical). Latitude (see also 5100; J 80). Meridian Line, Rising and Setting, etc.

0200 Reduction to Centre of Earth.

0210 Refraction. Twilight. Dip of the Horizon. (See also C 3210; F 6520.)

0220 Parallax. Diameter.

(E) ASTRONOMIE.

BIBLIOGRAPHIE UND GESCHICHTE DER ASTRONOMIE.

Philosophic.

Geschichte. (Geschichte der Observatorien sehe 2010.) Biographien.


Bibliographien (allgemeine; spezielle Bibliographien sehe die entsprechende Rubrik).

Festreden. Vorträge u.w., allgemeiner Art.

Pädagogik.


Nomenklatur.

SPHARISCHE (GEOMETRISCHE) ASTRONOMIE.

Allgemeines.

Scheinbare Ablachung des Himmelsgewölbes. Scheinbare Grösse der Gestirne.

Die Himmelskugel; Koordinaten, deren Transformation und Differentiation.

Geographische Länge und Breite (sehe auch 5100; J 80). Meridian, Auf- und Untergang etc.

Reduktion auf den Erdmittelpunkt.

Refraktion. Dämmerung. Depression des Horizontes. (Sehe auch C 3210; F 6520.)

Parallaxe. Durchmesser.
(E) ASTRONOMIE.

BIBLIOGRAPHIE ET HISTOIRE DE L'ASTRONOMIE.

0000 Philosophie.
0020 Périodiques. Annuaires. Prix. Rapports d'Institutions, de Sociétés, de Congrès, etc. (Pour les Rapports d'Observatoires v. 2010.)
0030 Traités généraux, Manuels, Dictionnaires, Recueils, Tables.
0032 Bibliographies (générales; pour les bibliographies spéciales v. la rubrique correspondante).
0040 Discours, Cours, etc., d'un caractère général.
0050 Enseignement.
0060 Institutions, Musées, Collections.
0070 Nomenclature.

ASTRONOMIE SPHERIQUE (GÉOMÉTRIQUE).

0100 Généralités.
0105 Aplatissement apparent du ciel. Grandeur apparente des corps célestes.
0110 Sphère céleste; Coordonnées, leurs transformations et leurs variations différentielles.
0150 Longitude (géographique), Latitude (voy. aussi 5100; J 80), Ligne méridienne, Levers et couchers, etc.
0200 Réduction au centre de la terre.
0210 Réfraction, Crépuscule, Dépression de l'Horizon (voy. aussi C 3210; F 0520).
0220 Parallaxe, diamètre.

(E-9277)

(E) ASTRONOMIA.

BIBLIOGRAFIA E STORIA DEL-L'ASTRONOMIA.

Filosofia.
Storia. (Storia d'osservatori v. 2010.) Biografie.
Trattati generali, Libri di testo. Dizionari, Raccolte, Tavole.

Bibliografie (generali; bibliografie speciali v. la rubrica corrispondente).
Discorsi, Letture, ecc., aventi un carattere generale.
Pedagogia.
Istituzioni, Musei, Raccolte. Nomenclatura.

ASTRONOMIA SFERICA (GEO-METRICA).

Generalità.
Schiacciamento apparente del cielo. Grandezza apparente dei corpi celesti.
Sfera Celeste; Coordinate, loro Trasformazioni e Variazioni Differenziali.
Longitudine (Geografica), Latitudine (vedi anche 5100; J 80), Linea Meridiana, Levare e Tramontare, ecc.

Riduzione al Centro della Terra.
Rifrazione, Crepuscolo, Depressione dell' Orizzonte. (Vedi anche C 3210; F 0520.) Parallasse, Diametro.
**Correction for Movement of Earth and Equinoxes.**
- Aberration. *(See also 3310.)*
- Precession and Nutation. *(See also 1710, 3320.)*
- Annual Parallax.
- Star Reduction (from mean to apparent place.)

**Geocentric and Heliocentric Coordinates.**
- Calculation of Ephemerides.

**Eclipses, Occultations, Appulses, Transits (of Planets and Satellites across disc of Sun or Planets).** *(See also 4210-4350, 4860, 4870.)*

**THEORETICAL ASTRONOMY AND CELESTIAL MECHANICS.**

*[For Theory of Least Squares see A 1630 ; for Theory of Interpolation see A 1640 ; for Aids to Calculation see A 0090.]*

**THEORETISCHE ASTRONOMIE UND MECHANIK DES HIMMELS.**

*[Theorie der kleinsten Quadrate siehe A 1630 ; Interpolations-theorie siehe A 1640 ; Hilfs-mittel für das Rechnen siehe A 0090.]*

**THEORETICAL ASTRONOMY AND CELESTIAL MECHANICS.**

**THEORETISCHE ASTRONOMIE UND MECHANIK DES HIMMELS.**

**THEORETICAL ASTRONOMY AND CELESTIAL MECHANICS.**

**THEORETISCHE ASTRONOMIE UND MECHANIK DES HIMMELS.**
Correction pour le mouvement de la terre et des équinoxes.

Aberration (Voy. aussi 3310).

Précession et Nutation (Voy. aussi 1710, 3320).

Parallaxe annuelle.

Réduction des positions des étoiles (des positions moyennes aux positions apparentes).

Coordonnées géocentriques et héliocentriques.

Calcul des éphémérides.

Eclipses, occultations, appulses, passages (des planètes et des satellites sur le disque du soleil ou des planètes). (Voy. aussi 4210–4350, 4860, 4870.)
1290 Theory and Numerical Application (Tables) of Intra-Mercurial Planets.
1300 Theory and Numerical Application (Tables) of Mars.
1310 Theory and Numerical Application (Tables) of Minor Planets.
1320 Theory and Numerical Application (Tables) of Jupiter.
1330 Theory and Numerical Application (Tables) of Saturn.
1340 Theory and Numerical Application (Tables) of Uranus.
1350 Theory and Numerical Application (Tables) of Neptune.
1360 Theory and Numerical Application (Tables) of Extra-Neptunian Planets.
1400 Theory of the Moon.
1460 Theory of Satellites and the Ring System of Saturn.
1480 Theory of Satellites of Mercury.
1490 Theory of Satellites of Venus.
1500 Theory of Satellites of Mars.
1510 Theory of Satellites of Minor Planets.
1520 Theory of Satellites of Jupiter.
1530 Theory of Satellites of Uranus.
1540 Theory of Satellites of Neptune.
1560 Correction of Elements.
1570 Construction of Tables.
1590 Special Perturbations; Application of Method of Mechanical Quadratures.
1600 Figures of Equilibrium of Rotating Masses of Gravitating Fluid. (See also B 2470.)
1610 Figure of the Earth, its Oceans and Atmosphere.
1630 Figure of the Sun.
1640 Figure of the Planets (separately for each Planet).
1650 Figure of Satellites, incl. Ring System of Saturn.

Theorie und Tafeln der intra-merkurialen Planeten.

Theorie des Mars und Mars-tafeln.
Theorie und Tafeln der kleinen Planeten.

Theorie des Jupiter und Jupiter-stafeln.
Theorie des Saturn und Saturn- stafeln.
Theorie des Uranus und Uranus-tafeln.
Theorie des Neptun und Neptunstafeln.
Theorie und Tafeln der extra-neptunischen Planeten.

Theorie des Mondes.
Theorie der übrigen Satelliten im Allgemeinen.

Theorie der Satelliten der einzelnen Planeten und des Ring- systemes des Saturn.
Theorie der Satelliten der intra-merkurialen Planeten.
Theorie der Satelliten des Merkur.
Theorie der Satelliten der Venus.
Theorie der Satelliten des Mars.
Theorie der Satelliten der kleinen Planeten.
Theorie der Satelliten des Jupiter.
Theorie der Satelliten des Uranus.
Theorie der Satelliten des Neptun.
Theorie der Satelliten der extra-neptunischen Planeten.
Verbesserung der Elemente.
Anlage von Tafeln.

Spezielle Störungen; Anwendung der Methode der mechanischen Quadraturen.

Gleichgewichtsfiguren rotierender gravitierender Flüssigkeitsmassen. (Siehe auch B 2470.)
Figur der Erde, ihrer Oceane und ihrer Atmosphäre.
Figur der Sonne.
Figur der Planeten (für jeden Planeten besonders).
Figur der Satelliten, einschl. des Ringsystemes des Saturn.
1290 Théorie et applications numériques (tables) des planètes intra-Mercurielles.
1300 Théorie et applications numériques (tables) de Mars.
1310 Théorie et applications numériques (tables) des petites planètes.
1320 Théorie et applications numériques (tables) de Jupiter.
1330 Théorie et applications numériques (tables) de Saturne.
1340 Théorie et applications numériques (tables) d'Uranus.
1350 Théorie et applications numériques (tables) de Neptune.
1360 Théorie et applications numériques (tables) des planètes extra-Neptuniennes.
1400 Théorie de la Lune.
1450 Théorie des satellites (excepté celui de la Terre) en général.
1460 Théorie des satellites et du système d'anneaux de Saturne.
1470 Théorie des satellites des planètes intra-Mercurielles.
1480 Théorie des satellites de Mercure.
1490 Théorie des satellites de Vénus.
1500 Théorie des satellites de Mars.
1510 Théorie des satellites des petites planètes.
1520 Théorie des satellites de Jupiter.
1530 Théorie des satellites d'Uranus.
1540 Théorie des satellites de Neptune.
1550 Théorie des satellites des planètes extra-Neptuniennes.
1560 Correction des éléments.
1570 Construction des Tables.
1590 Perturbations spéciales: Application de la méthode des quadratures mécaniques.
1600 Figures d'équilibre des masses fluides gravitantes en rotation (voy. aussi B 2470).
1610 Figure de la Terre, de ses océans et de son atmosphère.
1630 Figure du Soleil.
1640 Figures des planètes (séparément pour chaque planète).
1660 Figures des satellites, y compris le système d'anneaux de Saturne.

Teoria e Numerica Applicazione (Tavole) dei pianeti Intra-Mercuriali.
Teoria e Numerica Applicazione (Tavole) di Marte.
Teoria e Numerica Applicazione (Tavole) dei pianetini.
Teoria e Numerica Applicazione (Tavole) di Giove.
Teoria e Numerica Applicazione (Tavole) di Saturno.
Teoria e Numerica Applicazione (Tavole) di Urano.
Teoria e Numerica Applicazione (Tavole) di Nettuno.
Teoria e Numerica Applicazione dei pianeti Extra-Nettuniani.

Teoria della Luna.
Teoria dei Satelliti (eccettuato il Satellite della Terra) in generale.
Teoria dei Satelliti e del Sistema Anulare di Saturno.

Teoria dei Satelliti dei pianeti Intra-Mercuriali.
Teoria dei Satelliti di Mercurio.

Teoria dei Satelliti di Venere.

Teoria dei Satelliti di Marte.
Teoria dei Satelliti dei pianetini.

Teoria dei Satelliti di Giove.

Teoria dei Satelliti di Urano.

Teoria dei Satelliti di Nettuno.

Teoria dei Satelliti dei pianeti Extra-Nettuniani.
Correzione di Elementi.
Costruzione di Tavole.
Perturbazioni Speciali—Applicazione del Metodo di Meccaniche Quadrature.

Figure di Equilibrio di Masse fluide gravitanti in Rotazione. (Vedi anche B 2470.)
Figura della Terra—suoi Oceani e Atmosfera.
Figura del Sole.
Figura dei Pianeti (separatamente per ciascun Pianeta).
Figura dei Satelliti, incluso il Sistema Anulare di Saturno.
1680 Figure of Comets and Meteoric Streams.
1700 Perturbed Rotation; Reaction on other Bodies.
1710 Precession and Nutation of the Earth. (See also 0260, 3320.)
1720 Movement of the Poles on the Surface of the Earth.
1730 Libration of the Moon. (See also 4830.)
1740 Libration of Planets and Satellites.
1750 Theory of Tides. (See also J 41, 95.)
1770 Constitution of the Solar System.
1780 General Laws of Distribution of Planets and Comets.
1790 Origin, Stability, Development of the System.

Stellar Universe.

1800 General.
1810 Structure of the Universe.
1820 Theory of Double Stars; Calculation of Orbits from Ordinary or Spectroscopic Observations. (Ephemerides see 7530.)
1830 Resisting Medium, Ether, Temperature of the Universe.
1840 Motion of Solar System in Space.
1850 Theory of Variable Stars, including new Stars.

PRACTICAL ASTRONOMY.

Observatories, Instruments and Methods of Observation.

1900 General.
1990 Observatories (General).
2010 History, Situation, Description, Reports, Personnel, etc.
2020 Observatory Buildings.

Domes, Piers, Rising Floors and Observing Chairs, Portable Huts, etc.

2030 Instruments (General).

Old Instruments, Astrolabes, etc.

PRAKTISCHE ASTRONOMIE.

Sternwarten, Instrumente und Beobachtungsmethoden.

Allgemeines.
Sternwarten (Allgemeines).
Geschichte, Lage, Beschreibung, Berichte, Personal etc.
Bauten und bauliche Einrichtungen.
Drehtürme, Pfeiler, bewegliche Fussböden und Beobachtungstische, transportable Hütten etc.

Instrumente (Allgemeines).
Instrumente früherer Zeit, Astrolabien etc.
Figures des comètes et des courants météoriques.
Rotation troublée; réaction sur les autres corps.
Précession et nutation de la Terre (voy. aussi 0260, 3320).
Mouvement des pôles sur la surface de la Terre.
Libration de la Lune (voy. aussi 4830).
Libration des planètes et des satellites.
Théorie des marées (voy. aussi J 41, 95).
Constitution du système solaire.
Lois générales de la distribution des planètes et des comètes.
Origine, stabilité, développement du système.

Univers stellaire.

1800 Généralités.
1810 Structure de l'univers.
1820 Théorie des étoiles doubles; calcul de leurs orbites au moyen d'observations ordinaires ou spectroscopiques. (Pour leurs Éphémérides v. 7530).
1830 Milieu résistant, éther, température de l'espace.
1840 Mouvement du système solaire dans l'espace.
1850 Théorie des étoiles variables, y compris les étoiles nouvelles.
1860 Théorie des nèbuleuses et des amas. Systèmes stellaires.

ASTRONOMIE PRATIQUE.

Observatoires, instruments et méthodes d'observation.

1900 Généralités.
2000 Observatoires (généralités).
2010 Histoire, situation, description, rapports, personnel, etc.
2020 Construction des observatoires.

Dômes, piliers, planchers mobiles, sièges d'observation, abris transportables, etc.

2030 Instruments (généralités).
Anciens instruments, astrolabes, etc.

ASTRONOMIA PRATICA.

Osservatorii, Strumenti e Metodi di Osservazione.

1900 Généralità.
2000 Osservatorii (generalità).
2010 Storia, Situazione, Descrizione, Rapporti, Personale, ecc.
2020 Edifizii per Osservatorii.

Domi, Pilastri, Palchi Montanti e Sedie per osservare, Capanne Portatili, ecc.

2030 Strumenti (generalità).
Vecchi Strumenti, Astrolabi, ecc.
Objectives (Lenses, Mirrors); Calculation, Practical Work, Examination of Surfaces, Mounting in Tube, Optical Substances, Glass and Manufacture of Glass, Comparison of Reflectors and Refractors. (See also C 3000-3100.)

Optical Matters, Images, Diaphragms, Screens.
Visual Refractors.

Photographic Refractors.
Photographic Doublets.

Equatorial Mountings (Description, etc.) and Driving Clocks.

Visual Refractors, Photographic Refractors.

Photographic Doublets (Portrait Lenses). Mirrors.

Photometer.

Heliostats, Coelostats.

Driving Clocks, Control Pendulums, and Intermediate Connections.

Meridian Instruments (Mounting and Description.)

Transit Circle, Visual and Photographic.


Other Meridian Instruments.

Extra-Meridian Instruments for Absolute Position.

Altimeter.

Transit Instrument in the Prime Vertical.

Almucantar.

Various.

Small Portable Instruments ( Sextants, etc.). (See also J 90.)

Auxiliary Instruments.

Clocks, Chronometers, Watches, Chronographs. (See also B 0150.)

Circles (Graduation, etc.). Levels.

Mercurial Horizon.

Eyepieces and Accessories.

Eyepieces, Illumination, Screens.

Solar Eyepieces, etc.

Enlarging Lenses, Correcting Lenses, etc.

Photographic Plate Holders, Exposing Shutters, etc.
2040 Objectifs (lentilles, miroirs) ; calcul, travail pratique, examen des surfaces, montage dans le baril-let, substances optiques, verre et fabrication du verre, comparaison des réflecteurs et des réfrac-teurs (voy. aussi C 3000-3100).

Questions d’optique, images, diaphragmes, écrans. Réfracteurs visuels.

Objectifs photographiques. Doublets photographiques.

2050 Montures équatoriales (description, etc.) et mouvements d’hor-logerie. Réfracteurs visuels, réfracteurs photographiques.


2090 Petits instruments portatifs ( sextants, etc.) (v. aussi J 90.)


2120 Oculaires et accessoires. Oculaires, éclairage, écrans, oculaires solaires, etc. Lentilles d’agrandissement, lentilles de correction, etc. Porte-plaques photographiques, obturateurs, etc.

Oggettivi (Lenti, specchi) ; Calcolo, lavoro pratico, esame di superficie, montura nel tubo, sostanze ottiche, vetrie manifattura di vetri, confronti fra rilettori e rifrattori. (Vedi anche C 3000-3100.)

Soggetti Ottici, Immagini, Diaphragmi, Schermi. Rifrattori Visuali.

Rifrattori Fotografici. Apparecchio Fotografico Doppio.

Montature Equatoriali (descrizione, ecc.) e Motori.

Rifrattori Visuali, Rifrattori Fotografici.

Apparecchi Fotografici Doppio (Lenti da Ritratti). Specchi.


Piccoli strumenti portatili (sestanti, ecc.). (Vedi anche J 90.)


Micrometers.
For Visual Telescopes.
Self-registering, for Transits.
For Measuring Photographs, Solar and Stellar.
Stereo-comparator.

Spectroscopic Apparatus.
Objective Prism.
Objective Grating.
Solar Spectroscopes and Spectrographs with Slits.
Eclipse Spectroscopes and Spectrographs.

Stellar Spectroscopes and Spectrographs.
Spectroscopes and Spectrographs for Study of Nebulae.
Ocular Spectroscopes.

Prism Combinations with Deviation.
Prism Combinations with Direct Vision.
Slit.

Auxiliary Apparatus.
Production of Comparison Spectra.
Correcting Lens for Spectroscopic Observations.

Micrometer for Visual Observations.
Micrometer for Measuring Photographic Spectra.
Miscellaneous.

Spectroheliograph and Apparatus for Monochromatic Images.
Theory, Adjustment.
Comparison of Efficiency of Instruments.

Polarization Apparatus.

Photometry, General.
Visual.
Photographic.
Spectrophotometry.

Radiometry (Volometry).

Miscellaneous.

Adjustment of Instruments, Instructions for Mounting.


Mikrometer.
Für Fernrohre zur visuellen Beobachtung.
Selbstregistrierende, für Passagen.
Zur Ausmessung von Sonnen- und Stern-Photographien.
Stereokomparator.

Spektroskopische Apparate.
Objectivprismen.
Objectivgitter.
Sonnen-Spektroskope und Spektrogrammen mit Spalt.
Spektroskope und Spektrogrammen für Beobachtung von Sonnenfinsternissen.
Stern-Spektroskope und Spektrogrammen.
Spektroskopie und Spektrogrammen für Nebelbeobachtungen.
Ocular-Spektroskopie.
Prismen - Kombinationen mit Ablenkung.
Prismen - Kombinationen mit gerader Durchsicht.
Spalt.
Hüls-Apparate.
Erzeugung von Vergleichsspektren.
Korrektions-Linse.

Mikrometer für visuelle Beobachtungen.
Mikrometer zum Ausmessen photographischer Spektra.
Verschiedenes.
Spektroheliographen und Apparate für monochromatische Bilder.
Theorie, Berichtigung.
Vergleichung des Wirkungsgrades von Instrumenten.
Polarisations-Apparate.

Photometrie, Allgemeines.
Visuelle Photometrie.
Photographische Photometrie.
Spektroheliometrie.
Radionometrie (Volometrie).

Verschiedenes.
Berichtigung von Instrumenten, Anweisungen zum Montieren.
| 2130 | Appareils photographiques, matériaux et procédés, plaques, développement, conservation des plaques et des clichés, disparition des images. |
| 2140 | Micromètres.  
Pour télescopes visuels.  
Enregistreurs, pour passages.  
Pour la mesure des photographies solaires et stellaires.  
Stéréo-comparateur. |
| 2200 | Appareils spectroscopiques.  
2210 | Prisme objectif.  
Réseau objectif. |
| 2220 | Spectroscopes et spectrographes solaires avec fentes.  
Spectroscopes et spectrographes pour l’observation des éclipses.  
Spectroscopes et spectrographes stellaires.  
Spectroscopes et spectographes pour l’étude des nébuleuses.  
Spectroscopes oculaires.  
Combinaisons de prismes avec déviation.  
Combinaisons de prismes à vision directe.  
Fentes. |
| 2250 | Appareils auxiliaires.  
Production de spectres de comparaison.  
Lentilles de correction pour les observations spectroscopiques. |
| 2260 | Micromètre pour observations visuelles.  
Micromètre pour les mesures de photographie spectrale.  
Divers. |
| 2270 | Spectroheliographe et appareils pour images monochromatiques. |
| 2280 | Théorique, réglage.  
Comparaison de l’efficacité des instruments. |
| 2300 | Appareils de polarisation. |
| 2400 | Photométrie, généralités.  
Visuelle.  
Photographique.  
Spectrophotométrie. |
| 2500 | Radiométrie (Bolométrie). |
| 2600 | Divers. |
| 3000 | Réglage des instruments, instructions pour le montage. |

| 2130 | Apparati fotografici, materiali e processi, lastre, sviluppo, conservamento di lastre e negative, impallidimento di immagini. |
| 2140 | Micrometri.  
Per Visuali Telescopi.  
Auto-regolatori, per passaggi.  
Per Misure di Fotografie Solari e Stellari.  
Stereocomparatore.  
Apparati Spettroscopici.  
Prisma Obiettivo.  
Oggettivo con Reticolato.  
Spettroni e Spettrògrafi Solari con Fessure.  
Spettroni e Spettrògrafi per Eclissi. |
| 2200 | Spettroni e Spettrògrafi Stellari.  
Spettroni e Spettrògrafi per lo Studio di Nebulose.  
Spettroni Oculari.  
Combinazioni di Primi con Deviazione.  
Combinazioni di Primi a Visione Diretta.  
Fessure.  
Apparati Ausiliari.  
Produzione di Spettri di Comparazione.  
Lenti Correttive per le Osservazioni Spettroscopiche. |
| 2260 | Micrometro per Osservazioni Visuali.  
Micrometro per Misurare Spettri Fotografici.  
Altri tipi.  
Spettroniografo e Apparato per Immagini Monocromatiche. |
| 2280 | Teoria, Rettifica.  
Comparazione di Potenzialità di Strumenti.  
Apparati per la polarizzazione. |
| 2400 | Fotometria, Generalità.  
Visuale.  
Fotografica.  
Spettròmetria.  
Radiometria (Bolometria). |
| 3000 | Aggiustamento di Strumenti.  
Istruzioni per la montatura. |
General Reduction and Rectification of Observations.

3030 General
3050 Equatorials, including Clock Rate and Refraction. Heliometer.

3070 Transit Circle. Other Meridian Instruments.

3200 Personal Equations, including Magnitude Equation, Decimal Equation and all Physiological Causes of Error (Irradiation, etc.).
3220 Errors of Screws, Circles, etc., Flexure.
3250 Reduction of Celestial Photographs, Errors of Measures.

DESCRIPTIVE ASTRONOMY AND ASTROPHYSICS. OBSERVATIONS.

3290 General. Cosmogony.

Determination of Astronomical Constants by Observation.

3300 General.
3310 Constant of Aberration. (See also 0250.)
3320 Constant of Precession and Nutation. (See also 0260, 1710.)

Solar Motion. (See also 1840.)
3350 Miscellaneous. Refraction.

SOLAR SYSTEM.

4000 General.
4020 Observations of Position.
4030 Constants, (Dimensions Mass, Density, etc.).
4050 Solar Parallax.
4060 Rotation (see also 4640 for Spectroscopic Determination).

Allgemeine Reduktion und Berichtigung der Beobachtungen.

Allgemeines.
Aequatoreale, einschliesslich Uhr- gang und Refraction. Heliometer.

Meridiankreis. Andere Meridian- Instrumente.

Mikrometer, visuell und photo- graphisch. Refraction, Aberration.

Persönliche Gleichung einschl. Grössengleichung, Dezimalgleichung und sachtische physiologi- schen Fehlerquellen (Irrad- iation etc.);
Fehler von Schrauben, Teilungen etc.; Biegung.
Reduction von Himmelsphoto- graphien, Messfehler.

BESCHREIBENDE ASTRONOMIE UND ASTROPHYSIK. BEO- ACHTUNGEN.

Allgemeines. Kosmogonie.

Bestimmung astronomischer Kon- stanten durch Beobachtung.

Allgemeines.
Konstanten der Aberration. (Siehe auch 0250.)
Konstanten der Präzession und der Nutation. (Siehe auch 0260, 1710.)
Sonnenbewegung (Siehe auch 1840).
Verschiedenes. Refraktion.

DAS SONNENSYSTEM.

Allgemeines.
Sonne. Allgemeines.
Ortsbestimmungen.
Konstanten (Dimensionen Masse, Dichte etc.).
Sonnenparallaxe.
Rotation (Spektroskopische Be- stimmung siehe auch 4640.)
Réductions en général et correction des observations.

3030 Généralités.
3050 Équatoriaux, y compris la correction du mouvement d’horloge et de la réfraction. Héliomètre.
3070 Cercle méridien. Autres instruments méridiens.
3100 Micromètre, visuel et photographique. Réfraction, aberration.
3200 Équations personnelles y compris l’équation de grandeur, l’équation décimale et toute cause physiologique d’erreurs (irradiation, etc.).
3220 Erreurs des vis, des cercles, etc., flexion.
3250 Reduction des photographies célestes, erreurs de mesure.

Astronomie descriptive et Astrophysique. Observations.

3290 Généralités. Cosmogonie.

Détermination des constantes astronomiques par l’observation.

3300 Généralités.
3310 Constante de l’aberration (voy. aussi 0250).
3320 Constante de la précession et de la nutation (voy aussi 0260, 1710).

Mouvement du soleil (voy. aussi 1840).
3350 Divers. Réfraction.

Système solaire.

4000 Généralités.
4010 Soleil. Généralités.
4020 Observations de position.
4030 Constantes (dimensions, masse, densité, etc.).
4050 Parallaxe solaire.
4060 Rotation (voy. aussi 4640 pour la détermination spectroscopique).

Generalità Riduzione e Rettifica di Osservazioni.

Generalità.
Equatoriali, includendo Andamento dell’ Orologio e Rifrazione. Eliometro.

Cerchio dei Passaggi. Altri Strumenti Meridiani.

Micrometro, Visuale e Fotografico. Rifrazione, Aberrazione.

Equazioni Personalì, incluse l’equazione della grandezza, l’equazione decimale e tutte le cause fisiologiche di errori (irradiazione, ecc.).
Errore di Viti, Cerchi, ecc., Flessione.
Riduzione di fotografie celesti, errori di misura.

Astronomia descrittiva e astro-fisica. osservazioni.

Cosmogonia.

Determinazione di Costanti Astronomiche per Mezzo di Osservazioni.

Generalità.
Costante dell’ Aberrazione. (Vedi anche 0250).
Costante della Precessione e Nutazione. (Vedi anche 0260, 1710).

Movimento solare. (Vedi anche 1840).
Miscellanea. Rifrazione.

Sistema solare.

Generalità.
Sole. Generalità.
Osservazioni di Posizione.
Costanti (Dimensioni, Massa, Densità, ecc.).
Parallasse Solare.
Rotazione (vedi anche 4640 per la determinazione per mezzo di Osservazioni Spettroscopiche).
Spots, Faculae, Chromosphere, Corona and other envelopes without Eclipse.

Periodic Phenomena of Surface (Sun-spot Cycle, etc.).

Connection of Solar Processes with Terrestrial Phenomena. (See also F 0400.)

Temperature, Brightness, Radiation, Bolometry. (See also F 0930, 0940; C 4210.)

Eclipses. (See also 0350.)

Predictions, Ephemerides, Maps of Shadow Track.

Times of Contact (Observations.)

Corona. General.

Form.

Brightness and Law of Brightness.

Spectrum (see below, 4660).

Polarization.

Thermal Effects.

Periodic Changes.

Photographs, Drawings.

Corona and Chromosphere.

Chromosphere. General.

Radial Extent.

Form of Prominences and Changes in ditto.

Spectrum (see below, 4700).

Periodic Changes.

Photographs, Drawings.

Moon on Corona, Baily's Beads, etc.

Terrestrial Phenomena during Eclipses.

Photographs and drawings of Sun (i.e., references to published reproductions).

Spectroscopy of Sun and Eclipses.

Solar spectrum (integrated sunlight). General.

Ultra-violet spectrum.

Tables of Wavelengths, Maps, Photographs.

Visible spectrum.

Visual, Photographic (Tables of Wavelengths, Maps, Photographs).

Flecken, Fackeln, Atmosphäre. Chromosphäre und Korona bei unverfinsterter Sonne.

Periodische Phänomene auf der Sonnenoberfläche (Cycles der Sonnenflecken etc).

Zusammenhang solarer Prozesse mit terrestrischen Phänomenen. (Siehe auch F 0460.)

Temperatur, Helligkeit, Strahlung, Bolometrie. (Siehe auch F 0930, 0940; C 4210.)

Finsternisse. (Siehe auch 0350.)

Voraussagen, Ephemeriden, Karten der Verfinsterungszone (Schattenbahn).

Berührungszonen (Beobachtungen).

Korona. Allgemeines.

Form.

Helligkeit und Gesetz der Helligkeit.

Spektrum. (Siehe unten, 4660.)

Polarisation.

Thermische Wirkungen.

Periodische Veränderungen.

Photographien, Zeichnungen.

Korona und Chromosphäre.

Chromosphäre. Allgemeines.

Radiale Erstreckung.

Form der Protuberanzen und Veränderungen derselben.

Spektrum. (Siehe unten, 4700.)

Periodische Veränderungen.

Photographien, Zeichnungen.

Mond auf der Korona, Baily’s Perlen etc.

Terrestrische Phänomene während der Verfinsterungen.

Photographien und Zeichnungen der Sonne (d. h. Hinweise auf publizierte Reproduktionen).

Spektroskopie der Sonne und der Erscheinungen bei Verfinsterungen.

Sonnenspektrum (Gesamtheit der Sonne). Allgemeines.

Ultravioletter Spektrum.

Wellenlängen, Karten, Photographien.

Sichtbares Spektrum.

Visuell, photographisch. (Wellenlängen, Karten, Photographien.)
4070 Taches, facules, chromosphère, couronne et autres enveloppes en dehors des éclipses.

4100 Phénomènes périodiques de la surface (cycle des taches du soleil, etc.).

4110 Connexion des phénomènes solaires avec les phénomènes terrestres (roy. aussi F 0460).

4200 Température, éclat, radiation, bolométrie (roy. aussi C 4210 ; F 0930, 0940).

4210 Eclipses (roy. aussi 0350).

4220 Prédictions, éphémérides, cartes de la trace de l'ombre.

4230 Heures des contacts (observations).

4240 Couronne. Généralités.

4300 Couronne et chromosphère.

4320 Chromosphère. Généralités.

4340 La lune sur la couronne, chapelet ou perles de Baily, etc.

4350 Phénomènes terrestres pendant les éclipses.

4360 Photographies et dessins du soleil (c'est à dire, mention des reproductions publiées).

Spectroscopie du Soleil et des Éclipses.


4510 Spectre ultra-violet.

4520 Spectre visible.

Spectroscopia del Sole e degli Eclissi.

4550 Spectro Solare (intera luce solare). Generalità.

4560 Spettro Ultra-violetto.

4570 Spettro visibile.

(E-0277)
Ultra-red spectrum.
Photographic, Bolometric
(Tables of Wavelengths, Maps, Photographs).
Identification of lines with Elements.
Changes in lines (width, intensity, position).
Bright lines.
Distribution of energy in spectrum.
Telluric lines.
Spectroscopic researches of surface without eclipse. Spectroheliograms.
Spots.
Faculae.
Chromosphere without eclipse.
Determination of rotation.
Spectroscopic researches of Sun in eclipse.
Corona.
Chromosphere. Reversing layer.
Physical constitution deduced from Spectroscopic Observations.
Planets. General.
Moon. General.
Observations for position.
Constants, Dimensions (diameter and figure), mass, density, distance.
Rotation (Libration see also 1730), Configuration of Surface, changes in ditto.
Atmosphere.
Temperature, Radiation, Brightness, Phases, Lumière Cendrée.
Eclipses. (See also 0350.)
Occultation (stars, planets, separately). (See also 0350.)
Influence on Terrestrial Phenomena. (See also Tides and F 0480.)
Photographs, Maps, Drawings (published reproductions).
Earth. General.
Geodesy (see J 70).
Longitude (see 0150 ; J 80).
Latitude
Variation of Latitude.
Pendulum Observations. (See also B 0170.)
Disturbance of Gravity. (See also B 0180 )

Ultraotes Spektrum.
Photographisch, bolometrisch. (Wellenlängen, Karten, Photographien.)
Identifizierung von Linien mit Elementen.
Veränderungen der Linien (Breite, Intensität, Stellung).
Helle Linien.
Energie-Verteilung im Spektrum.
Tellurische Linien.
Spektroskopische Untersuchungen auf der Sonnenscheibe ohne Verfinsterung. Spektroheliogramme.
Flecken.
Fackeln.
Chromosphäre ohne Verfinsterung.
Bestimmung der Rotation.
Spektroskopische Untersuchungen der verfinsterten Sonne.
Corona.
Chromosphäre. Umkehrende Schicht.
Physikalische Beschaffenheit, hergeleitet aus spektroskopischen Beobachtungen.
Planeten. Allgemeines.
Mond. Allgemeines.
Ortsbestimmungen.
Konstanten, Dimensionen (Durchmesser und Figur), Masse, Dichte, Entfernung.
Rotation (Libration siehe auch 1730), Konfiguration der Oberfläche, Veränderungen hierin.
Atmosphäre.
Temperatur, Strahlung, Helligkeit, Phasen, Erdlicht.
Verfinsterungen. (Siehe auch 0350.)
Bedeckungen (Fixsterne, Planeten, einzeln). (Siehe auch 0350.)
Einfluss auf terrestrische Phänomene. (Siehe auch Ebbes und Flut und F 0480.)
Photographien, Karten, Zeichnungen (publizierte Reproduktionen).
Erde. Allgemeines.
Geodesie. (Siehe auch J 70.)
Länge (Siehe auch 0150 ; J 80.)
Breiten-Variation.
Pendelbeobachtungen. (Siehe auch B 0170.)
Schwere-Störungen. (Siehe auch B 0180.)
Specchio infra-rossi.
Photographique, bolométrique (longueurs d'onde, cartes, photographies).

Identification des lignes avec leurs éléments.

Changements dans les lignes (largeur, intensité, position).

Lignes brillantes.
Distribution de l'énergie dans le spectre.

Recherches spectroscopiques sur le soleil en dehors des éclipses.

Spectrophéliogrammes.

Taches.
Facules.
Chromosphère en dehors des éclipses.

Détermination de la rotation.
Recherches spectroscopiques sur le soleil éclipsé.

Couronne.
Chromosphère. Couche renversante.

Constitution physique déduite des observations spectroscopiques.

Planètes. Généralités.
Lune. Généralités.

Observations de position.

Constantes, dimensions (diamètre et figure) masse, densité, distance.

Rotation (libration voy. aussi 1730), Configuration et changements de sa surface.

Atmosphère.

Température, radiation, éclat, phases, lumière cendrée.

Eclipses (voy. aussi 0350).

Occultations (étoiles, planètes, séparément) (voy. aussi 0350).

Influence sur les phénomènes terrestres (voy. aussi marées et F 0480).

Photographies, cartes, dessins (reproductions publiées).

Pianeti. Generalità.
Luna. Generalità.

Osservazioni di posizione.
Costanti, Dimensioni (diametro e figura), Massa, Densità, Distanza.

Rotazione (Librazione vedi anche 1730), Configurazione della Superficie, cambiamenti in essa.

Atmosfera.

Temperatura, Radiazione, Splendore, Fasi, Luce Cinerea.

Eclissi. (Vedi anche 0350.)

Occultazioni (stelle, pianeti, separatamente). (Vedi anche 0350).

Influenza su fenomeni Terrestri (vedi anche Marce ed F 0480).

Fotografie, Carte, Disegni (publiche riproduzioni).

Terre. Généralités.

Geodesie (voy. aussi J 70).

Longitude (voy. 0150; J 80)
Latitude (voy. aussi B 0170).

Variations de la latitude.

Observations du pendule (voy. aussi B 0170).

Perturbations de la gravité (voy. aussi B 0180).

(E-0277)
Cosmic influence on terrestrial phenomena. (For Solar influence see 4110; for Lunar influence see 4880.)

Atmosphere.
- Refraction. (See 3350.)
- Absorption. (See 6960, C 3240, 3850; F 0960.)
- Scintillation. (See C 3210.)
- Aurora. (See also F 1650.)

Dust. (See F 0420.)

Intra-Mercurial Planets.

Mercury. General.
- Observations of position.
- Constants, Dimensions, Diameter and Figure, Mass and Density.

Distance. (See also 4050.)

Rotation, Configuration of Surface.

Atmosphere.
- Temperature, Radiation, Brightness, Phases.
- Transits, Occultation. (See also 4950, 4870.)
- Photographs, Maps and Drawings.

Spectrum. (See also 6820.)

Venus. (As Mercury.)

Minor Planets. (As above in order of reference number in each section.)

Jupiter.

Saturn.

Uranus.

Neptune.

Extra-Neptunian Planets.

Satellites of Intra-Mercurial Planets.

Satellites of Jupiter.

Satellites of Saturn.

Satellites of Uranus.

Satellites of Neptune.

Comets. General, Physical appearance, Families, Discovery, Elements of orbit, Ephemerides, Observations of position, Physical appearance, tails, etc.
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<td>Influences cosmiques sur les phénomènes terrestres. (Influence solaire v. 4110; influence lunaire v. 4880.)</td>
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Spectrum (see also 6920).

Photographs, drawings.

[No registration numbers. Reference to Comet by year and permanent number (whenever possible), with the addition, in the case of known periodic Comets whose return has been certainly observed, of the names by which they are conventionally known.]


6700 Connections between Comets and Meteors.

6720 Zodiacal Light. Gegenschein, etc.

6800 Spectroscopy of Moon, Planets, Comets, Zodiacal Light, Terrestrial Atmosphere (Aurora, Meteors).

6810 Moon. General.

Atmosphere. Study of Surface.

Motion.

6820 Planets. (Each separately.) General.

Atmosphere. Study of Surface.

Motion. Rotation.

6920 Comets. General.

Wavelengths. Chemistry. Motion.

6940 Zodiacal Light.

6950 Meteors.

6980 Terrestrial Atmosphere, Aurora, Telluric lines. (See also 4580, 5400.)

STELLAR UNIVERSE.

7000 General.

7005 Stellar Photographs, Atlases, Maps (Published Reproductions, including Astrographie Chart).

Fixed Stars.

7010 Ephemerides of stars.

7020 Observations of position.

7030 Catalogues of position from visual observations.

SPEKTROMETR. (Siehe auch 6920.)

Photographien, Zeichnungen.

[Keine laufende Nummern. Der einzelne Komet ist (wenn möglich) durch die festgesetzte Zahl und das Jahr zu bezeichnen. Wo es sich um bekannte periodische Kometen handelt, deren Wiedererscheinungen bestimmt beobachtet wurde, sind noch die konventionellen Namen beizufügen.]

Meteore und Sterne. Allgemeines.

Zusammenhang zwischen Kometen und Meteoreen. Zodiakal-Licht, Gegenschein etc.


Zodiakal-Licht. Meteore.

Erdatmosphäre, Nordlicht, tellurische Linien. (Siehe auch 4580, 5400.)

DIE STERNENWELT.

Allgemeines

Sternenphotographien, Atlanten, Karten (publizierte Reproduktionen, einschl. astrographische Karte).

Fixsterne.

Spectre (voy. aussi 6920).
Photographies, dessins.

[Pas de numéros d’enregistrement. Se reporter à la comète par le numéro fixe et l’année (si possible), en y ajoutant, quand il s’agit de comètes périodiques connues dont le retour a été observé avec certitude, les noms de convention sous lesquels elles sont connues.]

6650 Météores et étoiles filantes Généralités.
6700 Rapports entre les comètes et les météores.
6720 Lumière zodiacale. Gegenschein, etc.
6800 Spectroscopie de la lune, des planètes, des comètes, de la lumière zodiacale, de l’atmosphère terrestre (auroré polaire, météores).

Mouvement.

Mouvement. Rotation.
6940 Lumière zodiacale.
6950 Météores.
6960 Atmosphère terrestre, aurore polaire lignes telluriques (voy. aussi 4580, 5400).

UNIVERS STELLAIRE.

7000 Généralités.
7005 Photographies stellaires, atlas, cartes (reproductions publiées, y compris la carte astrographique).

Étoiles fixes.
7010 Ephémérides d’étoiles.
7020 Observations de position.
7030 Catalogues de position d’après les observations visuelles.

Spettro (vedi anche 6920) Fotografie, disegni

[Nessun numero d’ordine.— Identificazione di comete col numero fisso ed anno (ove possibile), coll’aggiunta, trattandosi di comete periodiche conosciute la cui reaparizione venne per certo osservata, dei loro nomi convenzionali.]

Meteore e Stelle Cadenti. Generalità.
Legame fra Comete e Stelle Cadenti.
Luce Zodiaca. Gegenschein, ecc.

Spettroscopia della Luna, dei Pianeti, delle Comete, della Luce Zodiaca, dell’Atmosfera Terrestre (Aurora, Meteore.)

Moto.
Pianeti (ciascuno separatamente). Generalità. Atmosfera. Studio della Superficie


Luce Zodiaca.
Meteore. Atmosfera Terrestre, Aurora, Lince Telluriche (vedi anche 4530, 5400)

UNIVERSO STELLARE.

Generalità. Fotografie stellari, atlanti, carte (pubblicate riproduzioni, inclusa la carta astrografica.)

Stelle Fisse.
Catalogues of position from photographic measures, e.g. astrographic catalogue.

Comparison and Discussion of Catalogues of position.

Proper motion.

Parallax.

Magnitude.

Photometric Catalogues.

Colour (integrated light).

Colour Catalogues, e.g. Red Stars.

Spectrum. (See 8000.)

Radiation. (Bolometry). (See also C 4200.)

 Stellar Diameters.

Distribution in heavens, according to number, magnitude, colour, etc.

Double Stars and Multiple Stars.

Observations (visual and photographic).

Lists.

Catalogues.

Colours of Double Stars.

Spectroscopic Binary Systems. (See 8600.)

Spectroscopic Observations of Visual Binary Systems. (See 8560.)

Invisible Companions.

Distribution in heavens according to number, magnitude, colour, etc.

Discussion of Orbits.

Dimensions, Mass and Distance of Binary Systems.

Variable Stars, including New and Lost Stars.

Observations, Light Curves.

Lists, Catalogues.

Classification. Types of Variable Stars.

Spectrum. (See 8300.)

Distribution in heavens according to number, magnitude, colour, etc.

Star Clusters.

Position.

Triangulations.

Variable Stars in Clusters.

Distribution in heavens according to numbers, magnitude, colour, etc.

Nebulae.

Observations (form, brightness, position).

Variations in Nebulae.

Ortskataloge nach photographischen Messungen, z. B. astrographischer Katalog.

Vergleichung und Diskussion von Sternkatalogen.

Eigenbewegung.

Parallaxe.

Grösse.

Photometrische Kataloge.

Farbe (Gesammtlicht). Farben-Kataloge, z. B. rote Sterne.

Spektrum. (Siehe auch 8000.)

Strahlung (Bolometrie). (Siehe auch C 4200.)

Sterndurchmesser.

Verteilung am Himmel nach Anzahl, Grösse, Farbe etc.

Doppelsterne und mehrfache Sterne.

Beobachtungen (visuelle und photographische).

Listen.

Kataloge.

Farben von Doppelsternen.

Spektroskopische-binäre Systeme. (Siehe auch 8600.)

Spektroskopische Beobachtungen visueller binärer Systeme. (Siehe auch 8560.)

Unsichtbare Begleiter.

Verteilung am Himmel nach Anzahl. Grösse, Farbe etc.

Bahnbestimmungen.

Dimensionen, Masse und Distanz binärer Systeme.

Veränderliche Sterne, einschl. neuer u. verlorenter Sterne.

Beobachtungen, Lichtkurven.

Listen, Kataloge.

Klassifikation. Typen veränderlicher Sterne.

Spektrum. (Siehe auch 8300.)

Verteilung am Himmel nach Anzahl, Grösse, Farbe etc.

Sternhaufen.

Oerter.

 Vermessungen.

Veränderliche Sterne in Sternhaufen.

Verteilung am Himmel nach Anzahl, Grösse, Farbe etc.

Nebel.

Beobachtungen (Gestalt, Helligkeit, Oerter).

Veränderungen in Nebeln.
Catalogues de position d'après les mesures photographiques, par ex : Catalogue astrophotographique.

Comparaison et discussion des catalogues de position.

Mouvements propres.

Parallaxes.

Grandeurs.

Catalogues photométriques.

Couleur (lumière intégrale).

Catalogues par couleurs (ex. Etoiles rouges).

Spectre (roy. 8000).

Radiation (bolométrie) (roy. aussi C 4200).

Diamètres stellaires.

Distribution dans le ciel suivant le nombre, les grandeurs, la couleur, etc.

Étoiles doubles et étoiles multiples.

Observations (visuelles et photographiques).

Listes. Catalogues.

Couleurs des étoiles doubles.

Étoiles doubles spectroscopiques (roy. 8900).

Observations spectroscopiques d'étoiles doubles visuelles (roy. 8560).

Compagnons invisibles.

Distribution dans le ciel suivant le nombre, les grandeurs, les couleurs, etc.

Discussion d'orbites.

Dimensions, masse et distance des systèmes binaires.

Étoiles variables, y compris les étoiles nouvelles et les étoiles perdues.

Observations, courbes de lumière.

Listes. Catalogues.

Classification. Types d'étoiles variables.

Spectre (roy. 8300).

Distribution dans le ciel suivant le nombre, les grandeurs, les couleurs, etc.

Amas d'étoiles.

Positions.

Triangulations.

Étoiles variables en amas.

Distribution dans le ciel, suivant le nombre, les grandeurs, les couleurs, etc.

Nebuloses.

Observations (forme, éclat, position).

Variations dans les nébuleuses.

Cataloghi di posizione da misura fotografiche, e.g. catalogo astrografico.

Comparazione e discussione di cataloghi di posizione.

Moto proprio.

Parallasse.

Grandezza.

Cataloghi Fotometrici.

Colore (luce intera).

Cataloghi di Stelle Colorate, p. es. Stelle Rosse.

Spettro (vedi anche 8000).

Radiazione (Bolometria). (Vedi anche C 4200).

Diametri Stellari.

Distribuzione in cielo secondo il numero, la grandezza, i colori, ecc.

Stelle Doppie e Multiple.

Osservazioni (visuali e fotografiche).

Liste. Cataloghi.

Colori di Stelle Doppie.

Sistemi Binari Spettroscopici (vedi anche 8000).

Osservazioni Spettroscopiche di Sistemi Binari Visuali (vedi anche 8560).

Compagni Invisibili.

Distribuzione in cielo secondo il numero, la grandezza, i colori, ecc.

Discussione d' orbite.

Dimensioni, Massa e Distanza di Sistemi Binari.

Stelle Variabili, incluse le Stelle Nuove e perdute.

Osservazioni, curve di Luce.

Liste. Cataloghi.

Classificazioni. Tipi di Stelle Variabili.

Spettro (vedi anche 8300).

Distribuzione in cielo secondo il numero, la grandezza, i colori, ecc.

Gruppi di Stelle.

Posizione.

Triangolazioni.

Stelle Variabili nei Gruppi di Stelle.

Distribuzione in cielo secondo il numero, la grandezza, i colori, ecc.

Nebulose.

Osservazioni (forma, splendore, posizione).

Variazioni nelle Nebulose.
Diffused Nebulosity (e.g. Pleiades, Orion).
Planetary Nebulae.
Distribution in heavens according to number, magnitude, colour, etc.
Nebulae and Clusters.
Photographs, Maps, Drawings (published reproductions).

7900 Milky Way.
Stellar Spectroscopy (Stars, Nebulae, Clusters).

8000 General. (Books, treatises).

8010 Stars.
8020 Wavelengths of lines for individual stars.
8040 Comparison of Wavelengths, intensity and width, in different stars.

8050 Identification of Elements.
8070 Distribution of Energy in Spectrum.
8080 Physical Constitution (Pressure, Temperature).
8100 Classification.
8120 Study of Special types of Spectra.
8140 Distribution of types of Spectra in the Heavens.
8200 Nebulae and Clusters.
8300 Variable Stars, including new Stars.

8400 Peculiar Spectra.
8450 Photographs of Spectra (published reproductions).
8500 Motion in the line of sight.

8550 Variable motion in the line of sight.
8560 Spectroscopic observations of Visual Double Stars.
8600 Spectroscopic Binary and Multiple Systems.
8620 Orbits from spectroscopic observations (for Theory see 1820).

8630 Parallax from spectroscopic observations (for Theory see 1820).

Ausgedehnte Nebelmaterie (z. B. Plejaden, Orion).
Planetarische Nebel.
Verteilung am Himmel nach Anzahl, Grösse, Farbe, etc.
Nebel und Sternhaufen.
Photographien, Karten, Zeichnungen (publizierte Reproduktionen).
Milchstrasse.
Stern-Spektroskopie (Sterne, Nebel, Sternhaufen).
Allgemeines. (Bücher, Abhandlungen).
Sterne.
Wellenlängen von Linien für einzelne Sterne.
Vergleichung von Wellenlänge, Intensität und Breite der Linien verschiedener Sterne.

Identifizierung von Elementen.
Energieverteilung im Spektrum.
Physikalischer Zustand (Druck, Temperatur).
Klassifikation.
Untersuchung spezieller Typen von Spektren.
Verteilung der Spektraltypen am Himmel.
Nebel und Sternhaufen (mit Unterabteilungen wie bei Sternen).
Veränderliche Sterne, einschl. neuer Sterne (mit Unterabteilungen, wie bei Sternen).

Eigenartige Spektra.
Photogramme von Spektren (publizierte Reproduktionen).
Zeichnungen und Karten von Spektren.
Bewegung in der Gesichtslinie.

Methoden.
Resultate.
Veränderliche Bewegung in der Gesichtslinie.
Spektroskopische Beobachtungen von visuellen Doppelsternen.
Spektroskopische Systeme von zwei oder mehr Componenten.
Bahnen nach spektroskopischen Beobachtungen (Theorie siehe 1830).
Parallaxe nach spektroskopischen Beobachtungen (Theorie siehe 1820).
Nebulosità diffuse (ex. colles des
Pleiades, d’Orion).
Nebuleuses planétaires.
Distribution dans le ciel suivant
le nombre, les grandeurs, les
couleurs, etc.
Nebuleuses et amas.
Photographies, cartes, dessins,
(reproductions publiées).

7900 Voie Lactée.
Spectroscopie stellaire (étoiles,
nébuleuses, amas).
8000 Généralités. (Livres, traités.)
8010 Étoiles.
8020 Longueurs d'onde des lignes
pour les étoiles individuelles.
8040 Comparaison des longueurs
d'onde, de l'intensité et de la
largeur des lignes dans les
différentes étoiles.
8050 Identification des éléments.
8070 Distribution de l'énergie dans
le spectre.
8080 Constitution physique (pré-
ssion, température).
8100 Classifications.
8120 Étude de types spéciaux de
spectres.
8140 Distribution des types spec-
traux dans le ciel.
8200 Nebuleuses et amas.
(Avec divisions comme pour les
étoiles.)
8300 Étoiles variables, y compris
les étoiles nouvelles.
(Avec divisions comme pour les
étoiles.)
8400 Spectres partielliers.
8450 Photographies de spectres (re-
productions publiées).
Dessins et cartes de spectres.
8500 Mouvement suivant le rayon
visuel.
Méthodes.
8550 Mouvement variable suivant le
rayon visuel.
8560 Observations spectroscopiques
d'étoiles doubles visuelles.
8600 Systèmes binaires et multiples
spectroscopiques.
8620 Orbites déduites d'observations
spectroscopiques (pour la
théorie voy. 1820).
8630 Parallaxes déduites d'observe-
tions spectroscopiques (pour la
théorie voy. 1820).

Nebulosità Diffusa (p. es. Pleiadi,
Orione).
Nebulose Planetarie.
Distribuzione in cielo secondo il
numero, la grandezza, i colori, ecc.
Nebulose e Gruppi di Stelle.
Fotografie, Mappe, Disegni (pub-
blicate riproduzioni).

Via Lattea.
Spettroscopia (Stelle Nebulose,Gruppi
di Stelle).
Generalità. (Libri, Trattati).

Stelle.
Lunghezze d’onda di linee per
singole stelle.
Confronto di lunghezze d' onda,
intensità e ampiezza, in dif-
ferenti stelle.

Identificazione di elementi.
Distribuzione di energia nello
spettro.
Constituzione Fisica (Pressione,
Temperatura).
Classificazione.
Studio di speciali tipi di spettri.

Distribuzioni di tipi di spettri
in cielo.
Nebulose e Gruppi di Stelle.
(Con divisioni come per le
Stelle.)
Stelle Variabili, incluse Stelle
Nuove.
(Con divisioni come per le
Stelle.)
Spettri speciali.
Fotografie di Spettri (pubblicate
riproduzioni).
Disegni e Mappe di Spettri.

Movimento nella direzione della
visuale.
Metodi.
Risultati.
Moto variabile nella direzione
della visuale.
Osservazioni spettroscopiche di
Stelle Doppie Visuali.
Sistemi spettroscopici Binari e
Multipli.
Orbita da osservazioni spetto-
scopiche (per la teoria vedi
1820).
Parallasse da osservazioni spet-
troscopiche (per la teoria vedi
1820).
### ANCIENT ASTRONOMY AND ASTROLOGY.

**Ancient Astronomy.**
- **9000** General.
- **9020** Further sub-divisions according to Countries and Epochs.

**Astrology.**
- **9050** General.
- **9060** Further sub-divisions according to Countries and Epochs.

### CHRONOLOGY.

**Measure of Time.**
- **9200** General.
- **9220** Methods.

**Regulation of Time.**
- **9300** General.
- **9310** Solar Year.
- **9320** Lunar Year.
- **9330** Month.
- **9340** Week.
- **9350** Day.
- **9360** Sidereal Day.
- **9370** Mean and true Solar Day.

- **9380** Equation of Time, etc.
- **9390** Sub-Division of Day, Hours, Reckoning, Distribution.

**9400** Time Reckoning.
- **9410** Local, Universal, Zone (Official) Time.

**9420** Calendars—Julian, Gregorian, Church Almanac, Jewish, Mohammedan, Various.

**9450** Eras.

### ASTRONOMIE DER ALTEN. ASTROLOGIE.

**Astronomie der Alten.**
- **Allgemeines.**
  - Weitere Unterabteilungen nach Ländern und Epochen.

**Astrologie.**
- **Allgemeines.**
  - Weitere Unterabteilungen nach Ländern und Epochen.

### CHRONOLOGIE.

**Zeitmessung.**
- **Allgemeines.**
  - Methoden.

**Zeitrechnung.**
- **Allgemeines.**
  - Sonnenjahr.
  - Mondjahr.
  - Monat.
  - Woche.
  - Tag.
    - Siderischer Tag.
    - Mittlerer und wahrer Sonnen-tag.
  - Zeitgleichung etc.
  - Einteilung (Unterabteilungen) des Tages.
  - Stunden und ihre Zählung.
  - Zeitzählung.
    - Ortszeit, Universalzeit, Zonen- (offizielle Verkehrs-) Zeit.
    - Kalender.—Julianischer und Gregorianischer Kalender, Kirchen-Kalender, jüdischer Kalender, mohammedanischer Kalender etc.
    - Aeren.
ASTRONOMIE ANCIENNE ET ASTROLOGIE.

Astronomie Ancienne.

9000 Généralités.
9020 Autres subdivisions suivant les pays et les époques.

Astrologie.

9000 Généralités.
9060 Autres subdivisions suivant les pays et les époques.

CHRONOLOGIE.

Mesure du Temps.

9200 Généralités.
9220 Méthodes.

Division du Temps.

9300 Généralités.
9310 Année solaire.
9320 Année lunaire.
9330 Mois.
9340 Semaine.
9350 Jour.
9360 Jour sidéréal.
9370 Jour solaire moyen et vrai.
9380 Equation du temps, etc.
9390 Subdivision du jour.
Heures, définition, distribution.

9400 Manières de compter le temps.
9410 Temps local, universel, par zones (fuseaux horaires).
9420 Calendriers—Julien, Grégorien, ecclésiastique, Juif, Mahomé- tan, divers.

9450 Éres.

ASTRONOMIA ANTICA E ASTROLOGIA.

Astronomia Antica.

Generalità.

9200 Généralités.

9220 Méthodes.

9300 Généralità.
9310 Anno Solare.
9320 Anno Lunare.
9330 Mese.
9340 Settimana.
9350 Giorno.
9360 Giorno siderale.
9370 Giorno solare, medio e vero.
Equazione del Tempo, ecc.
9380 Suddivisione del Giorno.
9390 Ore, Modo di contare, Distribuzione.

9400 Modo di contare il Tempo.
9410 Tempo Locale Universale, per Fusi (Tempo Ufficiale).
9420 Calendarii—Giuliano, Gregoriano, Ecclesiastico, Ebreo, Maomettano, Varii.

9450 Ere.
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4010 GENERAL..


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**4060 ROTATION.**


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Albrecht. 23757. The Lack Observatory-Crocker expedition to Pluto Island.

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4530 Ultra-red spectrum Photographic, Bolometric.

(Tables of Wave lengths, Maps, Photographs.)

Rubens und Schwarzchild. 24800. Sind im Sonnenspektrum Wärmestrahlen von grosser Wellenlänge vorhanden?

4540 Identification of lines with elements.

Baxandall. 23819. On the spectra of graphites and lead-pencils.

Lunt. 24529. On the spectra of graphites and "lead-pencils" and on a convenient comparison-spectrum.

Meissner. 24563. Sauerstoff in der Sonne.


4550 Changes in lines (width, intensity, position).

Evershed. 21137. The displacement of the lines of the solar spectrum towards the red. 24138: The general shift of Fraunhofer lines towards the red.


Julius. 24378. Dispersion theory of solar phenomena tested by published Mount Wilson measurements of displacements of Fraunhofer’s lines in the spectra of the
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sun's limb and of sun-spots. 24379. Note on the general shift of the Fraunhofer lines towards the red, and on the distortion of the lines in the spectrum of eccentrically located sun-spots.

Spectroscopic Researches.

4600 SPECTROSCOPIC RESEARCHES OF SURFACE WITHOUT ECLIPSE.

SPECTROHELI OGRAMS.


4610 Spots.


4630 Chromosphere without eclipse.


4640 DETERMINATION OF ROTATION.

Plaskett. 24723. The solar rotation in 1915.

4700 Chromosphere. Reversing layer.

Mitchell 24997. Wavelengths of the chromosphere (review by F. E. Luyten).


4750 PHYSICAL CONSTITUTION DEDUCED FROM SPECTROSCOPIC OBSERVATIONS.

Hallo. 24259. Constitution physique du soleil. (Hollands.)


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4780 GENERAL.


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4800 GENERAL.

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4810 OBSERVATIONS FOR POSITION.

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Hayn. Photographische Ortsbestimmungen des Mondes. A.N. 198 (125); Berichtigung und Ergänzung zu den Ortsbestimmungen des Mondes in Nro. 4736. A.N. 197 (411); 198 (311).


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4820 CONSTANTS, DIMENSIONS (DIAMETER AND FIGURE). MASS, DENSITY, DISTANCE.

GREENWICH ROYAL OBSERVATORY. Moon's diameter in right ascension and north polar distance. Gr.O. 1912 (A. 93 96 97: B. 46-48).

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de Roy. 24080A. Le profil lunaire.


Pidoux. Copernic vu à l'œil nu. A.N. 199 (301).

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Telfangi (Filippo Angeditti). 24918. Sugli aspetti fittizi della luna e di Marte.

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4850 TEMPERATURE RADIATION, BRIGHTNESS, PHASES, LUMIERE CENDRÉE.


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4860 ECLIPSES.


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4870 OCCULTATION (STARS, PLANETS, SEPARATELY).


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4880 INFLUENCE ON TERRESTRIAL PHENOMENA.

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4890 PHOTOGRAPHS, MAPS, DRAWINGS (PUBLISHED REPRODUCTIONS).


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5000 GENERAL.

Angelitti. 23773. Le antiche misura della lunghezza del meridiano terrestre.


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5050 GEODESY.

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5100 LONGITUDE, LATITUDE, VARIATION OF LATITUDE, PENDULUM OBSERVATIONS, DISTURBANCE OF GRAVITY.

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Albrecht. Provisorische Resultate des Internationalen Breitendienstes auf dem Nordparallel in der Zeit von 1913.0 bis 1914.0. A.N. 198 (393).

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Fuess. 24203A. Déterminations astronomiques des lieux à l'Ural en 1909. (Russ.)


Johansen. 21366. Astronomical determination of the difference of longitude between the Observatory of Copenhagen and Greenwich and also of the azimuth in Building of the direction of the tower of Nicholas. (Danish.)

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5500 Intra-Mercurial Planets.

Cerulli. 23948. La legge di Bode e il preteso pianeta intransuriale.

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5600 MERCURY GENERAL.


5610 MERCURY.

OBSERVATIONS OF POSITION OF MERCURY.

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5620 CONSTANTS, DIMENSIONS, DIAMETER AND FIGURE, MASS AND DENSITY OF MERCURY.


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5670 TRANSITS, OCCULTATION.


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5710 VENUS.

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Greenwich Royal Observatory. Right ascensions and north polar distances of the centre of Venus. Gr.O. 1912 (A 105).

5720 CONSTANTS, DIMENSIONS, DIAMETER AND FIGURE, MASS AND DENSITY OF VENUS.


5740 ROTATION OF VENUS.

Bělopolískij. 23821k. Rotation der Venus.

5760 TEMPERATURE, RADIATION, BRIGHTNESS, PHASES OF VENUS.

Graff. 21214. Erdlicht auf der Venus und Helligkeit des Vollmonds.

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5800 GENERAL.

Campbell. 23917. Water vapor on Mars.


Lowell. 24512a. La planète Mars. (Russe.)

5810 OBSERVATIONS OF POSITION OF MARS.

Greenwich Royal Observatory. Right ascensions and north polar distances of the centre of Mars. Gr.O. 1912. (A 108 B. 53.)

Eplk. 23153a. Observations de Mars en 1911. (Russe.)

5820 CONSTANTS, DIMENSIONS, DIAMETER AND FIGURE, MASS AND DENSITY OF MARS.

Greenwich Royal Observatory. Horizontal and vertical diameters of Mars. Gr.O. 1912. (A 94 B. 45.)

Guerri. 24255. Sul diametro e sullo sbrancamento polare di Marte.
5840 ROTATION, CONFIGURATION OF SURFACE OF MARS.

Epik. 24135A. Observations de Mars en 1911. (Russe.)

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Luplau Janssen & Buch Andersen. 24551. Observations of Mars in 1913–14. (Danish.)

Sajn. Quelques particularités de la fente des neiges martiennes. (Russe.)

5850 ATMOSPHERE OF MARS.

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Milankovitch. 24583. Verringerung der Wärmeabgabe durch die Marsatmosphäre.

5880 PHOTOGRAPHS, MAPS AND DRAWINGS.

Tichov. 24924A. Nouvelles recherches sur les planètes Mars et Saturne. (Russe.)

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5900 GENERAL.


The asteroid (52) Europa. P.A. 21 (301).


Cohn. 24002. Numerierung kleiner Planeten. A.N. 198 (215); Elemente und Numerierung von kleinen Planeten. A.N. 199 (321); Communication aux adhérents de l'organisation des petites planètes. B.A. 31 (113).

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(89) Julia.

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(108) Hécube.

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(110) Lydia.

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(141) Lumen.

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(354) Eleonora.


(384) Burdigala.


(405) Thia.

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(433) Eros.

Witt. Éphéméride de la planète Eros pour l'opposition de 1914. B.A. 31 (122).
5910 OBSERVATIONS OF POSITION OF MINOR PLANETS.

Where several planets are mentioned in one paper an entry has been made in the "General" section, where the full title of the paper is given. But in the "Special" section the author's name and abbreviated reference only are given.

General.


Baldet. Observations de planètes, faites à l'observatoire d'Alger (équatorial coudé de 0m 32 d'ouverture). B.A. 30 (501).

Barband. Positions de petites planètes obtenues à l'observatoire d'Alger (équatorial photographique de 0m 32). B.A. 31 (127).


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(1913 a), faites à l’Observatoire de Paris (équatorial de la Tour de l’Est de 0° 38 d’ouverture). B.A. 30 (496).

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Sy et Baldet. Positions de petites planètes et de comètes obtenus à l’Observatoire d’Alger (équatorial photographique de 0° 32). B.A. 31 (406).


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Mewes. Beobachtungen am 244 mm-Refraktor der Privatsternwarte des Herrn v. Wutschichowski in Belkawe. A.N. 198 (479).


Pechüle. 24690. Observations of minor planets and comet 1913 a with the 360 mm-refractor on the observatory of the university of Copenhagen. (Danish.)


Wolf. Aufnahmen auf der Königstuhl-Sternwarte. A.N. 198 (31 103 231 327 460; 199 223); Aufnahmen kleiner Planeten auf der Königstuhl-Sternwarte. A.N. 198 (373); 199 (103); Mitteilungen über kleine Planeten. Aufnahmen am Spiegelteleskop der Sternwarte Bergedorf. A.N. 199 (119); Mitteilungen über kleine Planeten. Aufnahmen auf der Königstuhl-Sternwarte. A.N. 199 (134 237 376); Beobachtungen kleiner Planeten auf der Königstuhl-Sternwarte. A.N. 199 (271).

(1) Ceres.

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Abetti. A.N. 198 (17); Kepinski. A.N. 198 (271).

(2) Pallas.

Abetti. A.N. 198 (17); Kepinski. A.N. 198 (271); Manson. A.N. 199 (269); Pavel. A.N. 198 (319).

(3) Juno.

Abetti. A.N. 198 (17); Gonnessiat. A.N. 198 (99).

(4) Vesta.

GREENWICH ROYAL OBSERVATORY. Right ascensions and north polar distances of Vesta. Gr.0. 1912 (A 108, B 54); Abetti. A.N. 198 (17); Manson. A.N. 199 (269).
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(5) Astraea.
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(6) Hebe.
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(7) Iris.
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(8) Flora.
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(9) Metis.
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(10) Hygiea.
Lous. A.N. 199 (199).

(11) Parthenope.
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(12) Victoria.
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(13) Egeria.
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(14) Irene.
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(15) Eunomia.
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(17) Thetis.
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(19) Fortuna.
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(20) Massalia.
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(21) Lutetia.
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(22) Calliope.
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(23) Thalia.
Cohn. A.N. 199 (381).

(24) Themis.
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(26) Proserpina.
Castro et Grandon. B.A. 30 (493); Cohn. A.N. 199 (381); Esniol. B.A. 30 (499).

(28) Bellona.
Cohn. A.N. 199 (381); Lous. A.N. 199 (199).

(29) Amphitrite.
Lous. A.N. 199 (199); Manson. A.N. 199 (269); Pavel. A.N. 198 (319).

(32) Pomona.
Cohn. A.N. 199 (381).

(33) Polyhymnia.
Cohn. A.N. 199 (381); Lous. A.N. 199 (199).

(34) Circe.
Baldec. B.A. 30 (505); Wolf. A.N. 199 (237).

37 Fides.
Castro et Grandon. B.A. 30 (193); Cohn. A.N. 199 (381); Dubiago. A.N. 199 (289); Gonnissiat, Sy et Baldec B.A. 31 (408).

39 Laetitia
Abetti. A.N. 198 (17); Baldec. B.A. 30 (507); Barbaut B.A. 31 (128).
Position of Minor Planets.

Chofardet. B.A. 31 (25); Esmiol. B.A. 31 (131); Gonnessiat. A.N. 198 (99); Lous. A.N. 199 (199); Pavel. A.N. 198 (319).

(40) Harmonia.

Coggia. B.A. 31 (171); Cohn. A.N. 199 (381); Lous. A.N. 199 (199).

(41) Daphne.

Gonnessiat. A.N. 198 (99); Maupert et Sy. B.A. 31 (359).

(42) Ariadne.

Abetti. A.N. 198 (17); Baldet. B.A. 30 (506); Barbaud. B.A. 31 (128); Chofardet. B.A. 31 (25); Esmiol. B.A. 31 (131); Lous. A.N. 199 (199); Manson. A.N. 199 (269); Pavel. A.N. 198 (319).

(44) Nysa.

Cohn. A.N. 199 (381); Graff. A.N. 199 (337); Palisa. A.N. 198 (169); Wolf. A.N. 198 (460).

(46) Hestia.

Baldet. B.A. 30 (506); Barbaud. B.A. 31 (128).

(47) Aglaia.

Cohn. A.N. 199 (381).

(48) Doris.

Abetti. A.N. 198 (17).

(49) Pales.

Cohn. A.N. 199 (381).

(50) Virginia.

Gonnessiat. A.N. 198 (99).

(51) Nemausa.

Palisa. A.N. 198 (169); Wolf. A.N. 199 (237).

(52) Europa.

Beljawski, Neujmin. A.N. 198 (459); Coggia. B.A. 31 (171); Cohn. A.N. 199 (381); Esmiol. B.A. 30 (500); Renaux. B.A. 31 (120).

(53) Calypso.

Cohn. A.N. 199 (381); Esmiol. B.A. 30 (500); Pechüle. 24690.

(55) Pandora.

Mewes. A.N. 198 (479).

(57) Mnemosyne.

Baldet. B.A. 30 (506); Dubiago. A.N. 199 (289); Giacobini. B.A. 30 (196); Palisa. A.N. 198 (169); Wolf. A.N. 198 (373).

(58) Concordia.

Cohn. A.N. 199 (381); Palisa. A.N. 198 (169); Pechüle. 24690; Wolf. A.N. 198 (327).

(59) Elpis.

Baldet. B.A. 30 (506); Barbaud. B.A. 31 (127); Lous. A.N. 199 (199).

(60) Echo.

Cohn. A.N. 199 (381); Esmiol. B.A. 31 (111); Wolf. A.N. 198 (31).

(62) Erato.

Beljawski, Neujmin. A.N. 198 (459); Cohn. A.N. 199 (381).

(63) Ausonia.

Esmiol. B.A. 30 (500); Graff. A.N. 199 (337).

(64) Angelina.

Ceraski. A.N. 198 (327); Coggia. B.A. 31 (92); Esmiol. B.A. 31 (411); Gonnessiat. A.N. 199 (283); Renaux. B.A. 31 (119); Wolf. A.N. 198 (31).

(65) Cybele.

Baldet. B.A. 30 (506); Barbaud. B.A. 31 (129); Wolf. A.N. 199 (134, 237).

(67) Asia.

Beljawski, Neujmin. A.N. 198 (459); Cohn. A.N. 199 (381); Wolf. A.N. 198 (373).

(68) Leto.

Baldet. B.A. 30 (507); Barbaud. B.A. 31 (120); Gonnessiat. A.N. 198 (99).

(69) Hesperia.

Beljawski, Neujmin. A.N. 198 (459); Cohn. A.N. 199 (381); Giacobini. B.A. 30 (196); Palisa. A.N. 198 (169); Pechüle. 24690.
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<tr>
<th>Position of Minor Planets</th>
<th>140</th>
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<td>(72) Feronia.</td>
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<td>Abetti. A.N. 198 (17)</td>
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<td>Chofardet. B.A. 31 (25)</td>
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<td>(73) Clytie.</td>
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<td>(75) Eurydice.</td>
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<td>Boda. A.N. 199 (31)</td>
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<td>(77) Frigga.</td>
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<td>Lampland. A.N. 198 (331)</td>
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<td>(78) Diana.</td>
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<td>(80) Sappho.</td>
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<td>Giacobini. B.A. 30 (552)</td>
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<td>Lous. A.N. 199 (199)</td>
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<td>(82) Alcmena.</td>
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<td>Barbad. B.A. 31 (129)</td>
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<td>Wolf. A.N. 199 (237)</td>
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<td>(84) Clio.</td>
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<td>Cohn. A.N. 199 (381)</td>
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<td>(86) Semele.</td>
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<td>Wolf. A.N. 199 (103, 223)</td>
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<td>(87) Sylvia.</td>
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<td>Gonnessiat, Maubert et Sy. B.A. 31 (359)</td>
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<td>(88) Thisbe.</td>
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<td>Palisa. A.N. 198 (169)</td>
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<td>(89) Julia.</td>
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<td>Castro et Grandon. B.A. 30 (192)</td>
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<td>Coggia. B.A. 31 (92)</td>
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<td>Gonnessiat. A.N. 199 (283)</td>
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<td>(90) Antiope.</td>
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<td>(92) Undina.</td>
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<td>Renaux. B.A. 31 (419)</td>
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<td>(95) Arethusa.</td>
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<td>Cohn. A.N. 199 (381)</td>
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<td>(96) Aegle.</td>
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<td>(97) Clotho.</td>
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<td>Graff. A.N. 199 (337)</td>
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<td>(101) Helena.</td>
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<td>(102) Miriam.</td>
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<td>(103) Hera.</td>
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<td>Giacobini. B.A. 31 (361)</td>
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<td>Palisa. A.N. 198 (169)</td>
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<td>(104) Clymene.</td>
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<td>Dubiago. A.N. 199 (289)</td>
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<td>(105) Artemis.</td>
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<td>Gonnessiat, Sy et Baldet. B.A. 31 (106)</td>
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<td>(106) Dione.</td>
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<td>(108) Hecuba.</td>
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<td>(109) Felicitas.</td>
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<td>(110) Lydia.</td>
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<td>Manson. A.N. 199 (269)</td>
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<td>(111) Ate.</td>
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<td>Giacobini. B.A. 31 (361)</td>
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</table>
Position of Minor Planets.

(112) Iphigenia.
Ceraski. A.N. 198 (327); Cohn. A.N. 199 (381).

(114) Cassandra.
Castro et Grandon. B.A. 30 (492); Cohn. A.N. 199 (381); Pechüle. 24690; Wolf. A.N. 198 (231).

(115) Thyra.
Cohn. A.N. 199 (381); Gonnessiat. A.N. 199 (283); Palisa. A.N. 198 (169); Pechüle. 24690; Renaux. B.A. 31 (419).

(116) Sirona.
Palisa. A.N. 198 (169).

(117) Lomia.
Cohn. A.N. 199 (381); Fabry. B.A. 30 (448); Giacobini. B.A. 31 (361); Gonnessiat. Maubert et Sy. B.A. 31 (359); Gonnessiat. Sy et Baldet. B.A. 31 (406); Gonnessiat. A.N. 198 (99); Palisa. A.N. 198 (169).

(119) Althaea.
Cohn. A.N. 199 (381); Graff. A.N. 199 (337); Palisa. A.N. 198 (169); Renaux. B.A. 31 (420); Wolf. A.N. 198 (231).

(121) Hermione.
Cohn. A.N. 199 (381).

(123) Brunhilda.
Esmiol. B.A. 31 (411).

(124) Alcestis.
Castro et Grandon. B.A. 30 (492); Cohn. A.N. 199 (381); Esmiol. B.A. 31 (411); Giacobini. B.A. 31 (362); Palisa. 198 (169); Renaux. B.A. 31 (420); Wolf. A.N. 198 (231).

(126) Velleda.
Wolf. A.N. 199 (271).

(127) Johanna.
Palisa. A.N. 198 (169).

(128) Nemesis.
Palisa. A.N. 198 (169).

(129) Antigone.
Balder. B.A. 30 (506); Barbaud. B.A. 31 (128); Chofardet. B.A. 31 (25); Lous. A.N. 199 (199).

(130) Electra.
Giacobini. B.A. 30 (496).

(133) Cyrene.
Cohn. A.N. 199 (381).

(134) Sophrosyne.
Balder. B.A. 30 (505); Wolf. A.N. 199 (134).

(135) Hertha.
Abetti. A.N. 198 (17); Barbaud. B.A. 31 (129); Chofardet. B.A. 31 (25); Gonnessiat. A.N. 198 (99); Gonnessiat. Maubert et Sy. B.A. 31 (358).

(138) Tolosa.
Palisa. A.N. 198 (169).

(139) Juewa.
Esmiol. B.A. 30 (500).

(140) Siwa.
Cohn. A.N. 199 (381); Gonnessiat. Sy et Baldet. B.A. 31 (408); Palisa. A.N. 198 (168); Wolf. A.N. 198 (460).

(141) Lumen.
Giacobini. B.A. 31 (362).

(142) Polana.
Pechüle. 24690.

(144) Vibilia.
Beljawski. Neujmin. A.N. 198 (459); Cohn. A.N. 199 (381); Giacobini. B.A. 30 (496).

(145) Adeona.
Cohn. A.N. 199 (381); Wolf. A.N. 198 (103).

(146) Lucina.
Giacobini. B.A. 31 (361).

(147) Protogeneia.
Lampland. A.N. 198 (351).

(148) Gallia.
Giacobini. B.A. 31 (362).

(150) Nuwa.
Cohn. A.N. 199 (381); Gonnessiat. A.N. 199 (283); Renaux. B.A. 31 (418).
Position of Minor Planets.

(153) Hilda.

(154) Bertha.
Graff. A.N. 199 (437).

(156) Xanthippe.
Beljawski, Neuyns. A.N. 198 (459); Cohn. A.N. 199 (481); Wolf. A.N. 198 (460).

(157) Deianira.
Wolf. A.N. 198 (31).

(159) Emilia.
Gonnessat, Maubert et Sy. B. A. 31 (359).

(160) Una.
Lampland. A.N. 198 (351).

(161) Athor.
Castro et Grandon. B. A. 30 (493).

(162) Laurentia.
Lampland. A.N. 198 (351).

(163) Erigone.
Wolf. A.N. 199 (376).

(164) Eva.
Cerasi. A.N. 198 (327).

(169) Zelia.
Cohn. A.N. 199 (481); Giacobini. B. A. 31 (661).

(170) Maria.
Gonnessat, Sy et Baldet. B. A. 31 (491); Gonnessat. A.N. 199 (493); Renaux. B. A. 31 (418).

(172) Baucis.
Cohn. A.N. 199 (381); Esmiol. B. A. 31 (411); Gonnessat. A.N. 199 (493); Gonnessat, Sy et Baldet. B. A. 31 (407); Renaux. B. A. 31 (418).

(173) Ino.
Baldet. B. A. 30 (507); Chofardet. B. A. 31 (465); Dubilagio. A.N. 199 (429); Esmiol. B. A. 31 (493); Giacobini. B. A. 30 (92); Giacobini. B. A. 31 (592).

(174) Phaedra.
Cohn. A.N. 199 (381); Giacobini. B. A. 31 (462).

(176) Idunna.
Cohn. A.N. 199 (381).

(178) Belisana.
Cohn. A.N. 199 (381).

(182) Elsa.
Wolf. A.N. 199 (237, 376).

(183) Eunice.
Cohn. A.N. 199 (381); Giacobini. B. A. 31 (493).

(184) Deiopeia.
Lampland. A.N. 198 (351).

(185) Celutta.
Cohn. A.N. 199 (381).

(187) Lamberta.
Cohn. A.N. 199 (381); Esmiol. B. A. 31 (412); Gonnessat, Sy et Baldet. B. A. 31 (407); Gonnessat. A.N. 199 (493); Renaux. B. A. 31 (417).

(189) Phthia.
Cohn. A.N. 199 (381).

(190) Ismene.
Cohn. A.N. 199 (381); Wolf. A.N. 199 (231).

(194) Procne.
Pechüle. 24690; Wolf. A.N. 199 (223).

(196) Philomela.
Baldet. B. A. 30 (507); Esmiol. B. A. 31 (432); Wolf. A.N. 199 (233).

(198) Ampella.
Neuyns. A.N. 199 (133).

(200) Dynamene.
Cohn. A.N. 199 (381); Pechüle. 24690.

(202) Chryseis.
Cohn. A.N. 199 (381); Esmiol. B. A. 31 (412); Giacobini. B. A. 31 (462); Louis. A.N. 199 (199).

(203) Pompeia.
Palisa. A.N. 198 (469); Pechüle. 24690.
Position of Minor Planets.

(204) Callisto.
Baldet. B.A. 30 (506); Giacobini. B.A. 30 (552); Millosevich. A.N. 198 (361); Wolf. A.N. 199 (237).

(205) Martha.
Cohn. A.N. 199 (381); Gonnessiat. A.N. 199 (283); Renaux. B.A. 31 (419).

(206) Hersilia.
Cohn. A.N. 199 (381); Pechüele. 24690; Wolf. A.N. 198 (231).

(211) Isolda.
Cohn. A.N. 199 (381).

(212) Medea.
Cohn. A.N. 199 (381); Pechüele. 24690.

(213) Lilœa.
Baldet. B.A. 30 (505); Barbaud. A.N. 31 (127).

(214) Aschera.
Cohn. A.N. 199 (381).

(216) Cleopatra.
Beljawski, Neujmin. A.N. 198 (459); Cohn. A.N. 199 (381); Wolf. A.N. 198 (460).

(218) Bianca.
Cohn. A.N. 199 (381); Pokrowski. A.N. 198 (250); Wolf. A.N. 198 (103).

(224) Oceana.
Millosevich. A.N. 198 (361); Wolf. 199 (376).

(225) Henrietta.
Cohn. A.N. 199 (381); Wolf. A.N. 198 (227).

(227) Philosophy.
Ceraski. A.N. 198 (327); Cohn. A.N. 199 (381).

(230) Athamantis.
Cohn. A.N. 199 (381).

(233) Asterope.
Beljawski, Neujmin. A.N. 198 (459); Cohn. A.N. 199 (381); Wolf. A.N. 198 (373).

(236) Honoria.
Giacobini. B.A. 30 (497).

(238) Hypatia.
Baldet. B.A. 30 (586); Giacobini. B.A. 30 (497, 551); Millosevich. A.N. 198 (361); Wolf. A.N. 199 (237).

(240) Vanadis.
Palisa. A.N. 198 (169).

(241) Germania.
Cohn. A.N. 199 (381); Esmiol. B.A. 31 (412).

(245) Vera.
Cohn. A.N. 199 (381).

(246) Asporina.
Chofardet. B.A. 31 (26).

(250) Bettina.
Gonnessiat, Maubert et Sy. B.A. 31 (359).

(251) Sophia.
Palisa. A. N. 18 (169).

(252) Clementina.
Palisa. A.N. 198 (169).

(257) Silesia.
Palisa. A.N. 198 (169).

(259) Aletheia.
Pechüele. 24690.

(261) Prymno.
Palisa. A.N. 198 (169).

(264) Libussa.
Wolf. A.N. 199 (134).

(266) Aline.
Cohn. A.N. 199 (381); Gonnessiat. A.N. 199 (283); Gonnessiat, Sy et Baldet. B.A. 31 (407); Renaux. B.A. 31 (418).

(268) Adorea.
Cohn. A.N. 199 (381); Esmiol. B.A. 31 (412); Gonnessiat. A.N. 199 (283); Gonnessiat, Sy et Baldet. B.A. 31 (408); Palisa. A.N. 198 (169); Pechüele. 24690. Renaux. B.A. 31 (419).

(271) Penthesilea.
Palisa. A.N. 198 (169).
Position of Minor Planets.

(273) Atropos.  
Cohn. A.N. 199 (381).

(276) Adela.  
Gonnessiat. A.N. 198 (99); Gonnessiat, Maubert et Sy. B.A. 31 (360).

(287) Nephthys.  
Cohn. A.N. 199 (381); Neujmin. A.N. 199 (133); Palisa. A.N. 198 (169); Pechule. 24690.

(288) Glanke.  
Abetti. A.N. 198 (17); Castro et Grandon. B.A. 30 (403); Graff. A.N. 199 (337); Palisa. A.N. 198 (169); Pechule. 24690.

(291) Alice.  
Palisa. A.N. 198 (169); Pechule. 24690.

(298) Baptistina.  
Wolf. A.N. 199 (223, 237).

(303) Josephina.  
Cohn. A.N. 199 (381).

(304) Olga.  
Ceraski. A.N. 198 (327); Pokrowski. A.N. 198 (230); Wolf. A.N. 198 (103).

(306) Unitas.  
Dubiago. A.N. 199 (289); Giacobini. B.A. 30 (196); Wolf. A.N. 199 (134).

(308) Polyxo.  
Ceraski. A.N. 198 (327); Cohn. A.N. 199 (381); Esniol. B.A. 30 (112, 500); Pechule. 24690.

(310) Margarita.  
Palisa. A.N. 198 (169).

(312) Pierretta.  
Wolf. A.N. 199 (103, 223).

(314) Rosalia.  
Palisa. A.N. 198 (169).

(316) Goberta.  
Wolf. A.N. 199 (274).

(317) Roxana.  
Cohn. A.N. 199 (381).

(318) Magdalena.  
Palisa. A.N. 198 (169).

(321) Florentina.  
Palisa. A.N. 198 (169).

(322) Phaeo.  
Lampland. A.N. 198 (351); Wolf. A.N. 199 (223).

(324) Bamberga.  
Ceraski. A.N. 198 (327); Cohn. A.N. 199 (381); Esniol. B.A. 30 (500); Graff. A.N. 199 (137); Lous. A.N. 199 (199).

(326) Tamara.  
Palisa. A.N. 198 (169).

(328) Gudrun.  
Cohn. A.N. 199 (381).

(334) Chicago.  
Cohn. A.N. 199 (381); Gonnessiat, Sy et Baldet. B.A. 31 (108).

(336) Lacadiera.  
Palisa. A.N. 198 (169).

(337) Devosa.  
Wolf. A.N. 199 (134).

(338) Budrosa.  
Cohn. A.N. 199 (381).

(342) Endymion.  
Palisa. A.N. 198 (169).

(345) Tercidina.  
Dubiago. A.N. 199 (289).

(346) Hermentaria.  
Beljawski, Neujmin. A.N. 198 (459); Cohn. A.N. 199 (381); Renaux B.A. 31 (120).

(347) Pariana.  
Gonnessiat, Maubert et Sy. B.A. 31 (160).

(349) Dembowska.  
Cohn A.N. 199 (381); Esniol. B.A. 31 (143); Giacobini. B.A. 31 (362); Gonnessiat, A.N. 199 (283); Gonnessiat, Sy et Baldet. B.A. 31 (167); Renaux B.A. 31 (147).
(354) Eleonora.
Abetti. A.N. 198 (17); Chofardet. B.A. 31 (26); Dubiago. A.N. 199 (289); Esmiol. B.A. 31 (133); Giacobini. B.A. 30 (196); Palisa. A.N. 198 (169).

(356) Liguria.
Wolf. A.N. 199 (223).

(357) Ninina.
Gonnessiat. A.N. 198 (99); Maubert et Sy. B.A. 31 (360).

(358) Apollonia.
Beljawski, Neujmin. A.N. 198 (459).

(361) Bononia.
Wolf. A.N. 199 (237).

(362) Havnia.
Ceraski. A.N. 198 (327); Cohn. A.N. 199 (381); Esmiol. B.A. 31 (413); Gonnessiat. A.N. 199 (283); Renaux. B.A. 31 (419). Wolf. A.N. 198 (103).

(363) Padua.
Gonnessiat, Maubert et Sy. B.A. 31 (359).

(364) Isara.
Giacobini. B.A. 30 (196).

(367) Amicitia.
Wolf. A.N. 199 (237).

(369) Aëria.
Ceraski. A.N. 198 (327); Pokrowski. A.N. 198 (230); Wolf. A.N. 198 (103).

(371) Bohemia.
Giacobini. B.A. 31 (361).

(376) Geometria.
Wolf. A.N. 199 (237).

(379) Huenna.
Lampland. A.N. 198 (351); Wolf. A.N. 199 (134).

(380) Fiducia.
Wolf. A.N. 199 (134).

(381) Myrrha.
Baldet. B.A. 30 (505); Giacobini. B.A. 30 (552).

(383) Janina.
Wolf. A.N. 199 (237).

(384) Burdigala.
Wolf. A.N. 199 (271).

(385) Ilmatar.
Esmiol. B.A. 30 (501); Palisa. A.N. 198 (169).

(387) Aquitania.
Abetti. A.N. 198 (17); Chofardet. B.A. 31 (26); Godard. B.A. 31 (130); Palisa. A.N. 198 (169).

(389) Industria.
Dubiago. A.N. 199 (289).

(390) Alma.
Palisa. A.N. 198 (169).

(397) Vienna.
Cohn. A.N. 199 (381).

(399) Persephone.
Wolf. A.N. 199 (271).

(401) Ottilia.
Cohn. A.N. 199 (381); Gonnessiat. A.N. 199 (283); Renaux. B.A. 31 (420).

(402) Chloë.
Gonnessiat, Maubert et Sy. B.A. 31 (359).

(403) Cyane.
Beljawski, Neujmin. A.N. 198 (159); Cohn. A.N. 199 (381); Palisa. A.N. 198 (169).

(409) Aspasia.
Cohn. A.N. 199 (381); Esmiol. B.A. 31 (413); Gonnessiat. A.N. 199 (283); Renaux. B.A. 31 (419).

(411) Xanthé.
Barbaud. B.A. 31 (127).

(415) Palatia.
Abetti. A.N. 198 (17).

(417) Suevia.
Cohn. A.N. 199 (381); Giacobini. B.A. 31 (362).

(418) Alemannia.
Giacobini. B.A. 31 (361).
(419) Aurelia.
Palisa. A.N. 198 (169); Rosanow. A.N. 198 (81).

(423) Diotima.
Giacobini. B.A. 31 (362).

(429) Lotis.
Baldet. B.A. 30 (507); Barbaud. B.A. 31 (128).

(432) Pythia.
Beljawski. Neujmin. A.N. 198 (159); Cohn. A.N. 199 (381).

(433) Eros.

(434) Hungaria.
Wolf. A.N. 198 (460).

(438) Zeuxo.
Lampland. A.N. 198 (351).

(441) Bathilda.
Cohn. A.N. 199 (381); Gonneissiat. A.N. 199 (283); Gonneissiat, Sy et Baldet. B.A. 31 (107); Renaux. B.A. 31 (118).

(442) Eichsfeldia.
Cohn. A.N. 199 (381); Wolf. A.N. 198 (284).

(443) Photographica.
Baldet. B.A. 30 (506); Barbaud. B.A. 31 (127); Giacobini. B.A. 30 (552).

(444) Gyptis.
Baldet. B.A. 30 (501); Cohn. A.N. 199 (384); Esniol. B.A. 30 (501); Palisa. A.N. 198 (169).

(447) Valentina.
Palisa. A.N. 198 (169); Wolf. A.N. 199 (223).

(449) Hamburga
Esniol. B.A. 30 (501); Palisa. A.N. 198 (169).

(451) Patientia.
Baldet. B.A. 30 (501); Choarfard. B.A. 31 (92); Giacobini. B.A. 30 (127); Palisa. A.N. 198 (384).

(453) Tea.
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(454) Mathesis.
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(455) Bruchsalia.
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(456) Abnoba.
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(458) Hercynia.
Wolf. A.N. 198 (231).

(460) Scania.
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(466) Tisiphone.
Cohn. A.N. 199 (381); Gonneissiat. A.N. 199 (283); Renaux. B.A. 31 (118).

(471) Papagena.
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(472) Roma.
Baldet. B.A. 30 (501); Giacobini. B.A. 30 (552); Graff. A.N. 199 (227).

(474) Prudentia.
Wolf. A.N. 199 (231).

(476) Hedwig.
Wolf. A.N. 199 (223).

(478) Tergeste.
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(480) Hansa.
Cohn. A.N. 199 (381).

(481) Emita.
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(482) Petrina.
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(483) Seppina.
(488) Creusa.
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(489) Comacina.
Palisa. A.N. 198 (169).

(490) Veritas.
Barbaud. B.A. 31 (129); Chofardet.
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(491) Carina.
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(492) Gismonda.
Palisa. A.N. 198 (169).

(498) Tokio.
Cohn. A.N. 199 (381); Renaux. B.A.
31 (420); Wolf. A.N. 198 (231).

(500) Selinur.
Wolf. A.N. 199 (134).

(505) Cava.
Cohn. A.N. 199 (381); Esmiol. B.A.
30 (501); Palisa. A.N. 198 (169);
Wolf. A.N. 198 (103).

(506) Marion.
Cohn. A.N. 199 (381).

(507) Laodica.
Cohn. A.N. 199 (381).

(509) Jolanda.
Cohn. A.N. 199 (381).

(511) Davida.
Abetti. A.N. 198 (17); Cohn. A.N.
199 (381); Dubiago. A.N. 199 (289);
Esmiol. B.A. 30 (501); Graff. A.N.
199 (337); Palisa. A.N. 198 169;
Wolf. A.N. 198 (103).

(512) Taurinensis.
Gonnessiat. A.N. 198 (99); Maubert
et Sy. B.A. 31 (359).

(513) Centesima.
Barbaud B.A. 31 (128); Giacobini.
B.A. 30 (252); Wolf. A.N. 199 (376).

(523) Ada.
Cohn. A.N. 199 (381).

(532) Herculina.
Abetti. A.N. 198 (17); Cohn. A.N.
199 (381); Esmiol. B.A. 30 (502);
Palisa. A.N. 198 (169); Pavel. A.N.
198 (319).

(536) Merapi.
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(537) Pauly.
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(538) Frederica.
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(539) Pamina.
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(552).

(540) Rosamunda.
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(542) Susanna.
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(549) Jessonda.
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(551) Ortrud.
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(552) Sigelinda.
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(556) Phyllis.
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(559) Nanon.
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(563) Suleika.
Abetti. A.N. 198 (17); Cohn. A.N.
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(564) Dudu.
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(565) Marbachia.
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(566) Stereoscopia.
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(567) Eleutheria.
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(568) Cheruskia.
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(574) Reginhild.
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(578) Happelia
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(584) Semiramis.
Cohn. A.N. 199 (381); Gonnez.-iatet. A.N. 199 (293); Gonnez.-iatet. Sy et Balde; I.A. 31 (107); Palisa. A.N. 198 (169); Pechule. 21650; Reux. I.A. 31 (18).

(585) Bilcis.
Cohn. A.N. 199 (381).

(588) Achilles.
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(589) Croatia.
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(592) Bathsheba.
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(593) Titania.

(595) Polyxena.
Wolf. A.N. 199 (169).

(607) Jenny.
Palisa. A.N. 198 (169).

(609) Fulvia.
Cohn. A.N. 199 (169).

(611) Valeria.
Cohn. A.N. 199 (381); Palisa. A.N. 198 (169).

(613) Ginevra.
Palisa. A.N. 198 (169).

(614) Pia.
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(618) Elfrida.
Cohn. A.N. 199 (169); Giacobini. I.A. 31 (128).
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(674) Rachel.
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(675) Ludmilla.
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(679) Pax.
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(683) Lameia.
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(686).
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(694) Ekard.
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(695) Bella.
Gonnessiat, Maubert et Sy. B.A. 31 (359); Palisa. A.N. 198 (169).

(696) Leonora.
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(697) Galilea.
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(699) Hela.
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(700) Auravictrix.
Palisa. A.N. 198 (169).

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(703) Noemi.
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(704) Interamnia.
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(712) Boliviana.
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(723) Hammonia.
Cohn. A.N. 199 (381); Palisa. A.N. 198 (169).

(727) Nipponia.
Palisa. A.N. 198 (169).

(729).
Baldet. B.A. 30 (505).

(732).
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(737).
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Cohn. A.N. 199 (381); Palisa. A.N. 198 (169).

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Palisa. A.N. 198 (169).

(744) Aguntina.
Palisa. A.N. 198 (169).

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(746).
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(749) Malzovia.
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(751) Faina.
Palisa. A.N. 198 (169).

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Palisa. A.N. 198 (169).

(753).
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(754).
Cohn. A.N. 199 (381); Gonnnesiai. A.N. 199 (283); Renaux. B.A. 31 (417).

(755).
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(756).
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(758) Mancunia.
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(771) Libera.
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(782) Montefiore.
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(783) Nora.
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(785).
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(797) Montana.
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5960 TEMPERATURE, RADIATION, BRIGHTNESS, PHASES OF MINOR PLANETS.


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6000 GENERAL.


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6010 OBSERVATIONS OF POSITION OF JUPITER.

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6020 CONSTANTS, DIMENSIONS, DIAMETER AND FIGURE, MASS AND DENSITY OF JUPITER.


6040 ROTATION, CONFIGURATION OF SURFACE OF JUPITER.

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6080 PHOTOGRAPHS, MAPS AND DRAWINGS OF JUPITER.

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6120 CONSTANTS, DIMENSIONS, DIAMETER AND FIGURE, MASS AND DENSITY OF SATURN.

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6140 ROTATION, CONFIGURATION OF SURFACE OF SATURN.


6180 PHOTOGRAPH AND RESEARCH.

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6220 CONSTANTS, DIMENSIONS, DIAMETER AND FIGURE, MASS AND DENSITY OF URANUS.

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6260 TEMPERATURE, RADIATION, BRIGHTNESS, PHASES.

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6310 OBSERVATIONS OF POSITION OF NEPTUNE.

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6500 SATELLITES OF INTRA-MERCURY PLANETS.

Delauney. Les durées de révolution des satellites d’un même système présentent entre elles une harmonie qui se traduit par le fait que leurs différences secondes successives sont dans le même rapport que les termes de la progression 1, 3, 9, 27, 81, etc. C.R. 158 (1405).

6530 SATELLITES OF MARS.


6550 SATELLITES OF JUPITER.


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6560 SATELLITES AND RING SYSTEM OF SATURN.


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LIST OF JOURNALS WITH ABBREVIATED TITLES.

The numbers at end of Full Title are those used in the General List of Journals.

Amer. J. Sci., New Haven, Conn.—American Journal of Science, New Haven, Conn. 19 U.S.

Amsterdam, Nieuw Arch. Wisk.—Nieuw Archief voor Wiskunde, uitgegeven door het Wiskundig Genootschap te Amsterdam. Amsterdam. 8vo. 2 Hol.


Ann. idrogr., Genova.—Annali idrografici, Genova. 239 It.


Cape Annals.—Annals of the Royal Observatory of the Cape of Good Hope. — S. Afr.


Catania, Bull. Arc. Gioenia.—Bullettino delle sedute dell’Accademia Gioenia di scienze naturali, Catania. 49 It.


Milano, Rend. Ist. lomb.—Rendiconti dell'Istituto lombardo di scienze e lettere, Milano. — It.


Napoli, Rend. Acc. sc.—Rendiconti dell'Accademia delle scienze fisiche e matematiche, Napoli. 120 It.


Observatory, London.—Observatory, London. 353 U.K.


Pop. Astr., Northfield, Minn.—Popular Astronomy, Northfield, Minn. 391 U.S.


Riv. astr. sc. affini, Torino.—Rivista di astronomia e scienze affini, Torino. — It.


Russ. astr. kalendari.—N. Yuznoureddin.—Русский астрономический календарь. Нижний-Новгород [Almanach astronomique russe. Nijni-Novgorod]. 2.3 Russ.
Talenti, Tr. astr. it., gen.—Труды Тампинской астрономической и физической Обсерватории. Тампинг. [Travaux de l'Observatoire astronomique et physiq. a Tashkent]. — Russ.


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