

The Digital Universe Definitions

COLLABORATORS

	<i>TITLE :</i> The Digital Universe Definitions		
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Contents

1	The Digital Universe Definitions	1
1.1	Definitions	1
1.2	Astronomical Terminology	1
1.3	Computer Terminology	9
1.4	Aberration	9
1.5	Absolute Zero	10
1.6	Æther	10
1.7	Albedo	10
1.8	Altitude	10
1.9	Analemma	10
1.10	Annual	10
1.11	Angstrom	10
1.12	Apparent Position	11
1.13	Aphelion	11
1.14	Apogee	11
1.15	Areographic	11
1.16	Asterism	11
1.17	Asteroid	11
1.18	Astronomical Unit	11
1.19	Autumnal Equinox	12
1.20	Azimuth	12
1.21	Bayer designation	12
1.22	Belt	12
1.23	Binary Star	12
1.24	Black Hole	12
1.25	Blink Comparator	12
1.26	Celestial Equator	13
1.27	Celestial Poles	13
1.28	Celestial Sphere	13
1.29	Centaur	13

1.30 Chromosphere	13
1.31 Globular Cluster	13
1.32 Open Cluster	13
1.33 Comet	14
1.34 Conjunction	14
1.35 Inferior Conjunction	14
1.36 Superior Conjunction	14
1.37 Constellation	14
1.38 Contact	14
1.39 Convection	14
1.40 Convection Zone	15
1.41 Core	15
1.42 Corona	15
1.43 Cosmology	15
1.44 Crescent	15
1.45 Declination	15
1.46 Deep Sky	15
1.47 Diurnal	16
1.48 Doppler Shift	16
1.49 Earthshine	16
1.50 Eclipse, Annular	16
1.51 Eclipse, Lunar	16
1.52 Eclipse, Partial	16
1.53 Eclipse, Solar	16
1.54 Eclipse, Total	17
1.55 Ecliptic	17
1.56 Ecliptic Coordinates	17
1.57 Ecliptic Latitude	17
1.58 Ecliptic Longitude	17
1.59 Eccentricity	17
1.60 Ejecta Blanket	17
1.61 Elongation	18
1.62 Ephemeris	18
1.63 Ephemeris Time (ET)	18
1.64 Epoch	18
1.65 Escape velocity	18
1.66 Equation of Time	18
1.67 Equatorial Coordinates	18
1.68 Fireball	19

1.69 Fission	19
1.70 Flamsteed number	19
1.71 Solar Flares	19
1.72 Fusion	19
1.73 Galactic Coordinates	19
1.74 Galactic Latitude	19
1.75 Galactic Longitude	20
1.76 Galaxy	20
1.77 Seyfert Galaxy	20
1.78 Gas Giant Planet	20
1.79 Gegenschein, or Counter glow	20
1.80 Geocentric	20
1.81 Gibbous	20
1.82 Graben	21
1.83 Granulation	21
1.84 Heliocentric	21
1.85 Heliographic	21
1.86 Heliopause	21
1.87 Horizon Coordinate System	21
1.88 Hour Angle	21
1.89 Hubble's Law	22
1.90 Hydrogen Alpha line	22
1.91 IAU (International Astronomical Union)	22
1.92 IC Objects	22
1.93 Inclination	22
1.94 Julian Date	22
1.95 Kelvin	22
1.96 Kuiper Belt	23
1.97 Leap Second	23
1.98 Leap Year	23
1.99 Libration	23
1.100Light Year	23
1.101Limb	23
1.102Limb Darkening	23
1.103Magnitude	24
1.104Absolute Magnitude	24
1.105Apparent Magnitude	24
1.106B-V Magnitude	24
1.107Limiting Magnitude	24

1.108 Visual Magnitude	24
1.109 Meridian	24
1.110 Messier Objects	25
1.111 Meteor	25
1.112 Meteor Shower	25
1.113 Meteorite	25
1.114 Meteoroid	25
1.115 Milky Way	25
1.116 Nadir	25
1.117 Naked Eye	26
1.118 Nebula	26
1.119 Emission Nebula	26
1.120 Absorption Nebula	26
1.121 Planetary Nebula	26
1.122 Reflection Nebula	26
1.123 Neutron Star	26
1.124 NGC Objects	27
1.125 Nova	27
1.126 Nutation	27
1.127 Oblate	27
1.128 Obliquity	27
1.129 Occultation	27
1.130 Oort Cloud	27
1.131 Opposition	28
1.132 Orbital Elements	28
1.133 Parallax	28
1.134 Geocentric, or Diurnal Parallax	28
1.135 Heliocentric, or Annual Parallax	28
1.136 Parsec	28
1.137 Penumbra	28
1.138 Perigee	29
1.139 Perihelion	29
1.140 Perturbation	29
1.141 Phase Angle	29
1.142 Photosphere	29
1.143 Position Angle	29
1.144 Precession	29
1.145 Prominences and Filaments	30
1.146 Proper Motion	30

1.147Pulsar	30
1.148Quadrature	30
1.149Quasar	30
1.150Radiant	30
1.151Radiative Zone	30
1.152Reflecting Telescope	31
1.153Refracting Telescope	31
1.154Refraction	31
1.155Retrograde	31
1.156Revolution	31
1.157Right Ascension	31
1.158Rotation	31
1.159Differential Rotation	32
1.160Saros	32
1.161Selenographic	32
1.162Semidiameter	32
1.163Semimajor Axis	32
1.164Sidereal	32
1.165Solstice	32
1.166Spectrum	33
1.167Spectral Classification	33
1.168Spicule	33
1.169Sunspot	33
1.170Supernova	33
1.171Synodic	33
1.172System I	33
1.173System II	34
1.174System III	34
1.175Syzygy	34
1.176Terminator	34
1.177Terrestrial Planet	34
1.178Topocentric	34
1.179Transit	34
1.180Twilight	35
1.181Umbra	35
1.182Variable Star	35
1.183Algol Systems	35
1.184Beta Canis Majoris variable	35
1.185Cepheids	35

1.186Circumpolar	35
1.187Cluster	36
1.188Dwarf Cepheid variable	36
1.189Dwarf Eclipsing variables	36
1.190Dwarf Novae, or SS Cygni variables	36
1.191Ellipsoidal variables	36
1.192Flare Stars	36
1.193Irregular variables	36
1.194Long period variables	37
1.195Lyrid systems, or Beta Lyrae variable stars	37
1.196Nova-like stars	37
1.197R Corona Borealis variables	37
1.198Recurrent Nova	37
1.199Cluster, or RR Lyrae variables	37
1.200RV Tauri variable	37
1.201Semi-regular variables	38
1.202Vernal Equinox	38
1.203White Dwarf	38
1.204Anomalistic Year	38
1.205Besselian (Tropical) Year	38
1.206Eclipse Year	38
1.207Gaussian Year	38
1.208Gregorian Year	39
1.209Julian Year	39
1.210Sidereal Year	39
1.211Zenith	39
1.212ZHR (Zenithal Hourly Rate)	39
1.213Zodiac	39
1.214Zodiacal light	39
1.215Zone	40
1.216Gadgets & Requesters	40
1.217Hypertext	40
1.218Radio Button	40

Chapter 1

The Digital Universe Definitions

1.1 Definitions

Definitions are available in the following two categories:

Astronomy

Computers

1.2 Astronomical Terminology

A.U.

aberration

absolute zero

aether

albedo

altitude

analemma

annual

angstrom

apparent position

aphelion

apogee

areographic

asterism
asteroid
astronomical unit
atomic time
autumnal equinox
azimuth
Bayer designation
belt
binary star
black hole
blink comparator
celestial equator
celestial poles
celestial sphere
Centaur
Cepheid
chromosphere
circumpolar
cluster
cluster, globular
cluster, open (galactic)
comet
conjunction
conjunction, inferior
conjunction, superior
constellation
contact
convection
convection zone

core

corona

cosmology

counterglow

crescent

declination

deep sky

diurnal

doppler shift
dynamical time

earthshine

eclipse, annular

eclipse, lunar

eclipse, partial

eclipse, solar

eclipse, total

ecliptic

ecliptic coordinate system

ecliptic latitude

ecliptic longitude

eccentricity

ejecta blanket

elongation

ephemeris

ephemeris time

epoch

escape velocity

equation of time

equatorial coordinate system

filament
fireball
fission
Flamsteed number
flare
fusion
galactic coordinate system
galactic latitude
galactic longitude
galaxy
galaxy, Seyfert
gas giant planet
gegenschein
geocentric
gibbous
graben
granulation
GST
H-R diagram
heliocentric
heliographic
heliopause
horizon coordinate system
hour angle
Hubble's Law
hydrogen-alpha line
IAU
IC object
inclination

Julian Date

kelvin

Kuiper Belt

leap second

leap year

libration

light year

limb

limb darkening

local time

LST

LT

magnitude

magnitude, absolute

magnitude, apparent

magnitude, B-V

magnitude, limiting

magnitude, visual

meridian

messier object

meteor

meteor shower

meteorite

meteoroid

Milky Way

minor planet

nadir

naked eye

nebula

nebula, emission

nebula, absorption

nebula, planetary

nebula, reflection

neutron star

NGC object

nova

nova, recurrent

nutation

oblate

obliquity

occultation

Oort cloud

opposition

orbital elements

parallax

parallax, geocentric or diurnal

parallax, heliocentric or annual

parsec

penumbra

perigee

perihelion

perturbation

phase angle

photosphere

position angle

precession

prominence

proper motion

pulsar

quadrature

quasar

radiant

radiative zone

reflecting telescope

refracting telescope

refraction

retrograde

revolution

right ascension

rotation

rotation, differential

Saros

selenographic

semidiameter

semimajor axis

Seyfert galaxy

sidereal
sidereal time

solstice

spectrum

spectral classification

spicule

sunspot

supernova

synodic

System I

System II

System III

syzygy
TAI

TD
TDB
TDT

terminator

terrestrial planet

topocentric

transit

twilight

umbra
universal time (UT)

UT0
UT1
UTC

variable star

variable, Algol systems

variable, Beta Canis Majoris

variable, Beta Lyrae

variable, Cepheids

variable, Cluster

variable, Dwarf Cepheids

variable, Dwarf Eclipsing

variable, Dwarf Novae

variable, Ellipsoidal

variable, Flare stars

variable, Irregular

variable, Long period

variable, Lyrid systems

variable, Nova-like stars

variable, R Corona Borealis

variable, Recurrent Novae

variable, RR Lyrae
variable, RV Tauri
variable, Semi-regular
variable, SS Cygni
vernal equinox
white dwarf
year, anomalistic
year, Besselian (tropical)
year, eclipse
year, Gaussian
year, Gregorian
year, Julian
year, sidereal
zenith
ZHR
zodiac
zodiacal light
zone

1.3 Computer Terminology

gadget
hypertext
radio button

1.4 Aberration

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.5 Absolute Zero

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.6 Æther

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.7 Albedo

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.8 Altitude

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.9 Analemma

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.10 Annual

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.11 Angstrom

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.12 Apparent Position

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.13 Aphelion

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.14 Apogee

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.15 Areographic

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.16 Asterism

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.17 Asteroid

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.18 Astronomical Unit

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.19 Autumnal Equinox

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.20 Azimuth

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.21 Bayer designation

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.22 Belt

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.23 Binary Star

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1.24 Black Hole

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.25 Blink Comparator

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.26 Celestial Equator

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1.27 Celestial Poles

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1.28 Celestial Sphere

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1.29 Centaurs

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1.30 Chromosphere

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1.31 Globular Cluster

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1.32 Open Cluster

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1.33 Comet

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1.34 Conjunction

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1.35 Inferior Conjunction

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1.36 Superior Conjunction

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1.37 Constellation

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1.38 Contact

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1.39 Convection

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1.40 Convection Zone

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1.41 Core

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.42 Corona

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.43 Cosmology

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1.44 Crescent

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.45 Declination

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1.46 Deep Sky

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.47 Diurnal

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1.48 Doppler Shift

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1.49 Earthshine

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1.50 Eclipse, Annular

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1.51 Eclipse, Lunar

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1.52 Eclipse, Partial

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1.53 Eclipse, Solar

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1.54 Eclipse, Total

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1.55 Ecliptic

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1.56 Ecliptic Coordinates

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1.57 Ecliptic Latitude

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1.58 Ecliptic Longitude

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1.59 Eccentricity

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1.60 Ejecta Blanket

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1.61 Elongation

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1.62 Ephemeris

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1.63 Ephemeris Time (ET)

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1.64 Epoch

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1.65 Escape velocity

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1.66 Equation of Time

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1.67 Equatorial Coordinates

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1.68 Fireball

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1.69 Fission

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1.70 Flamsteed number

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1.71 Solar Flares

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1.72 Fusion

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1.73 Galactic Coordinates

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1.74 Galactic Latitude

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1.75 Galactic Longitude

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1.76 Galaxy

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1.77 Seyfert Galaxy

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1.78 Gas Giant Planet

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1.79 Gegenschein, or Counter glow

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1.80 Geocentric

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1.81 Gibbous

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1.82 Graben

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1.83 Granulation

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1.84 Heliocentric

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1.85 Heliographic

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1.86 Heliopause

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1.87 Horizon Coordinate System

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1.88 Hour Angle

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1.89 Hubble's Law

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1.90 Hydrogen Alpha line

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1.91 IAU (International Astronomical Union)

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1.92 IC Objects

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1.93 Inclination

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1.94 Julian Date

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1.95 Kelvin

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1.96 Kuiper Belt

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1.97 Leap Second

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1.98 Leap Year

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1.99 Libration

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1.100 Light Year

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1.101 Limb

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1.102 Limb Darkening

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1.103 Magnitude

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1.104 Absolute Magnitude

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1.105 Apparent Magnitude

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1.106 B-V Magnitude

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1.107 Limiting Magnitude

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1.108 Visual Magnitude

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1.109 Meridian

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1.110 Messier Objects

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1.111 Meteor

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1.112 Meteor Shower

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1.113 Meteorite

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1.114 Meteoroid

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1.115 Milky Way

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1.116 Nadir

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1.117 Naked Eye

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1.118 Nebula

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1.119 Emission Nebula

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1.120 Absorption Nebula

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1.121 Planetary Nebula

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1.122 Reflection Nebula

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1.123 Neutron Star

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1.124 NGC Objects

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1.125 Nova

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1.126 Nutation

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1.127 Oblate

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1.128 Obliquity

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1.129 Occultation

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1.130 Oort Cloud

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1.131 Opposition

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1.132 Orbital Elements

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1.133 Parallax

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1.134 Geocentric, or Diurnal Parallax

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1.135 Heliocentric, or Annual Parallax

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1.136 Parsec

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1.137 Penumbra

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1.138 Perigee

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1.139 Perihelion

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1.140 Perturbation

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1.141 Phase Angle

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1.142 Photosphere

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1.143 Position Angle

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1.144 Precession

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1.145 Prominences and Filaments

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1.146 Proper Motion

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1.147 Pulsar

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1.148 Quadrature

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1.149 Quasar

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1.150 Radiant

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1.151 Radiative Zone

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1.152 Reflecting Telescope

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1.153 Refracting Telescope

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1.154 Refraction

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1.155 Retrograde

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1.156 Revolution

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1.157 Right Ascension

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1.158 Rotation

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1.159 Differential Rotation

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1.160 Saros

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1.161 Selenographic

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1.162 Semidiameter

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1.163 Semimajor Axis

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1.164 Sidereal

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1.165 Solstice

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1.166 Spectrum

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1.167 Spectral Classification

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1.168 Spicule

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1.169 Sunspot

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1.170 Supernova

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1.171 Synodic

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1.172 System I

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1.173 System II

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1.174 System III

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1.175 Syzygy

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1.176 Terminator

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1.177 Terrestrial Planet

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1.178 Topocentric

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1.179 Transit

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1.180 Twilight

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1.181 Umbra

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1.182 Variable Star

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1.183 Algol Systems

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1.184 Beta Canis Majoris variable

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1.185 Cepheids

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1.186 Circumpolar

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1.187 Cluster

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1.188 Dwarf Cepheid variable

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1.189 Dwarf Eclipsing variables

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1.190 Dwarf Novae, or SS Cygni variables

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1.191 Ellipsoidal variables

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1.192 Flare Stars

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1.193 Irregular variables

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1.194 Long period variables

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1.195 Lyrid systems, or Beta Lyrae variable stars

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1.196 Nova-like stars

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1.197 R Corona Borealis variables

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1.198 Recurrent Nova

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1.199 Cluster, or RR Lyrae variables

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1.200 RV Tauri variable

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1.201 Semi-regular variables

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1.202 Vernal Equinox

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1.203 White Dwarf

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1.204 Anomalistic Year

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1.205 Besselian (Tropical) Year

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1.206 Eclipse Year

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1.207 Gaussian Year

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1.208 Gregorian Year

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1.209 Julian Year

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1.210 Sidereal Year

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1.211 Zenith

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1.212 ZHR (Zenithal Hourly Rate)

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1.213 Zodiac

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1.214 Zodiacal light

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1.215 Zone

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1.216 Gadgets & Requesters

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1.217 Hypertext

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1.218 Radio Button

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