

University of Leeds Classification of Books

Astronomy

A General

- A-0.01 Periodicals
- A-0.02 Series
- A-0.03 Collections of essays, Festschriften etc.
- A-0.04 Bibliography
- A-0.06 Study and teaching
- A-0.09 Tables, catalogues, data analysis
- A-0.1 Biography *No longer used : see History of Science C-9*
- A-0.19 Dictionaries and encyclopedias
- A-0.2 History *No longer used : see History of Science F-2*
- A-0.3 Atlases
- A-1 General texts

B-0 Basic sciences for astronomy

C-0 Celestial mechanics

- C-3 Orbits; orbital mechanics; satellite orbits and trajectories; space vehicle dynamics; astronautics

D-0 Observatories

E-0 Optical telescopes; Visual astronomy; Light pollution

F-0 Radar and radio astronomy

[G Other methods of observation]

- G-0 Instrumentation
- G-1 Photometry
- G-3 CCD [charge-coupled devices] astronomy
- G-5 Photography
- G-7 Spectroscopy; IR, UV
- G-9 X-ray / Gamma-ray observation

H-0 Spherical astronomy

[J Astrophysics; Space physics]

- J-0 General; including modelling, numerical simulations
- J-1 High energy astrophysics; plasma astrophysics
- J-3 Heat phenomena
- J-5 Light; radiation phenomena
- J-7 Electricity; magnetic phenomena; cosmic electrodynamics; gravitation; gravity
- J-9 Molecular, atomic, nuclear astrophysics, astrochemistry
- J-11 Quasars
- J-13 Pulsars; black holes; neutron stars
- J-15 Gas dynamics

K-0 Cosmic rays

[L The Universe; Cosmology]

L-0 Cosmology; space-time, string theories, astrophysical dating
L-1 Space
L-3 Galaxies
L-5 Nebulas; interstellar matter; cosmic clouds; Magellanic clouds
L-7 Milky Way
L-9 Cosmogony

M-0 The Solar System

[N The Moon]

N-0 General
N-1 Dimensions
N-3 Optical, thermal, electromagnetic, radioactive properties
N-5 Lunar geology and geochemistry
N-7 Orbits; motion
N-9 Eclipses

[P Planets of the Solar System]

P-0 General, planetology, atmospheres (except Earth)
P-1 Earth (in space)
P-2 Mercury
P-3 Venus
P-4 Mars
P-5 Jupiter
P-6 Saturn
P-7 Uranus
P-8 Neptune
P-9 Pluto
P-10 Planetoids; asteroids

Q-0 Meteors

Q-1 Craters, cratering phenomena

R-0 Comets

[S The Sun]

S-0 General
S-1 Dimensions
S-3 Optical, thermal, electromagnetic, radioactive properties
S-5 Motion; rotation
S-7 Sunspots
S-9 Corona; flares; solar wind
S-11 Internal constitution
S-13 Eclipses

[T Stars]

T-0 Evolution, general
T-1 Dimensions
T-3 Optical, thermal, electromagnetic, radioactive properties, mass loss
T-5 Stellar atmospheres
T-7 Motion; velocity; astrometry
T-9 Binary; multiple, variable stars; exploding stars, rotating stars, flare stars, red giants, chemically peculiar, carbon, H-type, radio, symbiotic, neutron, hot stars, brown dwarfs, white dwarfs, hazars

T-11 Novae; supernovae
T-13 Clusters

U-0 **Space exploration; Satellites; Rockets; Space stations, etc.**
Satellite trajectories : see C-3

CRG 9 April 2015