

**A HISTORICAL ASTRONOMY**

- AA Scientists (Alphabetical)
- AB General historical scenes
- AC Early Era Observatories
- AD Artifacts, Instruments, Maps
- AE Historical Ideas and Records
- AF Post-Medieval History

**B TOOLS OF THE ASTRONOMERS**

- BA Observatories-Refractors  
[Subcodes—observatory's first initial(s)  
+ telescope size in inches]
- BB Observatories-Reflectors (same way as  
BA)
- BC Solar Observatories and Instruments
- BD Radio Observatories
- BE Other types of Tools
- BF Amateur and Commercial Telescopes
- BG Observatory Complexes
- BM Auxiliaries
  - P—Photometry
  - S—Spectroscopy
  - M—Miscellaneous
- BM Radio, Radar Science

**C PLANETARIUMS****D SPACE PROGRAM**

- DA Rockets and Earth-orbiting Satellites
- DB Space Probes-Mission Profiles (coded  
by series, i.e. Voyager 1, etc.)
- DC Project Mercury
- DD Project Gemini
- DE Apollo Spacecraft per mission
- DF Post-Apollo
- DG Non-US programs
- DH Man's Future in Space
- DS Shuttle
- DT Artists Concepts of The Future

**E SKY OF DAY AND NIGHT**

- EA Coordinate Systems
  - A Azimuthal
  - C Celestial Sphere E Ecliptic
  - R Equatorial (RA/Dec)
  - T Terrestrial
- EB Time
- EC Effects of Earth's Motions

- D Daily, Diurnal
- G General Yearly Motion
- L Latitude Effects
- P Precession
- U Latitude 40 degree Views

- EE Day and Twilight Photos
- EF Constellations (alphabetical)
- EG Maps

- N North Circumpolar
- E Equatorial
- Z Zodiacal
- S South Circumpolar
- G Galactic

- EI Night Wide-Field photographs

**F CELESTIAL MECHANICS AND PHYSICS**

- FA Orbits and Planetary Laws
- FB Newtonian Physics and Gravity
- FE Relativity
- FM Miscellaneous Physics
- FO Geometrical optics
- FP Optical Principles
- FS Electromagnetic Spectrum
  - B Blackbody
  - E Entire Spectrum
- FT Spectra of Molecules and Atoms
  - F Formation of Lines and spectra
  - S Spectra of Gases

**H SOLAR SYSTEM IN GENERAL**

- HA Origin
- HB Orbits and Data
- HC Characteristics of the Planets
- HD Planetary Motions and Configurations
- HE Solar Motion

**I SOL**

- IA Structure
- IB Sunspots
- IC Prominences
- ID Flares
- IE Granulations and Spicules
- IF Corona
- IG Narrow-band Spectral Views
- IH Non-optical Views
- II Eclipse Diagrams
- IJ Eclipse Photos
- IK Solar-terrestrial Effects

J EARTH

- JA Basics and General Characteristics
- JB Biological Manifestations
- JC Atmosphere/Meteorology
- JD Planet-wide Photos
- JE Detailed Photos from Space
- JG Geology
- JL Terrestrial Landscapes
- JM Magnetic Field

K MOON

- KA Phases
  - G General Diagrams
  - I-VIII Phases , I = New
- KB Eclipses and Occultations
- KC Telescopic Features
- KD Space Photography
- KE Apollo Surface Exploration
- KG Selenography
- KH Orbit
- KI Lunar-Terran Effects

L MERCURY

- LA Basic Characteristics
- LB Telescopic views
- LD Probe Explorations-whole disk
- LE Close-up Probe Explorations
- LT Artist Concepts

M VENUS

- MA Basic characteristics
- MB Telescope Appearance
- MC Atmosphere and Cloud studies
- MD Surface Maps and photos
- ME Surface Studies
- MS Surface Art
- MT Artist Concepts

N MARS

- NA General Data
- NB Drawings and Maps
- NC Earth-based Photos
- ND Space Age Art
- NE Flybys; Planet-wide Probe Photos
- NF Orbiters: General Surface
- NG Orbiters: Tectonics
- NH Orbiters: Poles
- NI Orbiters: Valleys, canyons, "streams"

- NJ Orbiters: Clouds and Dust
- NL Landers on the Surface of Mars
- NM Satellites
- NT Artist Concepts

O JUPITER

- OA Basics Characteristics—Planet and Atmosphere
- OB Telescopic Views of Jupiter
- OD Probe Photos—disk
- OE Close-up Photos of Clouds and GRS
- OF Magnetic Field/Radio Observations
- OM Satellite System Data + Rings
- ON Earth-based Satellite Phenomena
- OP Probe Photos of Satellites (Alphabetical By Satellite)
- OT Art

P SATURN

- PA General Characteristics
- PB Earth-based Drawings
- PC Earth-based Photos
- PD Ring System
- PM Satellites (Alphabetical)
- PF Flyby Photos of Saturn + Rings/Moons
- PS System Photos and Concept Drawings
- PT Artist Concepts

Q "MODERN" PLANETS

- QA Uranus
- QB Neptune
- QC Pluto
- QD Trans-Neptunian/Kuiper Belt Objects

R MINOR MEMBERS OF THE SOLAR SYSTEM

- (within each category, a subscript "p" stands for photograph and "t" for artist rendering)
- RA Asteroids
  - RB Meteoroidal
    - 1 Meteoroids 2 meteor photos
    - 3 showers 4 meteorites
    - 5 craters on Earth
  - RC Interplanetary dust
  - RD Comets—Historical Perspectives
  - RE Scientific Drawings of Comets
  - RF Photos of Comets (Alphabetical)
  - RG Orbits and Origins
  - RH Comet Structures



- RI Spectra  
RZ Miscellaneous
- S STELLAR OBSERVATIONS AND PROPERTIES**  
SA Distance Determinations  
SB Motions  
SC Magnitudes  
SD Colors of Stars  
SE Spectra—MK  
    G General Groups  
    M MK Standard Star Spectra  
SF Spectra of Non-Stellar Objects  
SH HR and other diagrams  
SJ Effects of Spectral Lines  
SK Sizes of Stars  
SN Star Names/Nomenclature
- T STAR TYPES AND EVOLUTION**  
TA Visual Binaries/Multiple Stars  
TB Spectroscopic Binaries  
TC Eclipsing Binaries  
TD Stellar Evolution: HR Diagrams  
    with Pictorial Sequences  
TE Pulsating Variables  
TF Irregular Variables—Pre-Main Sequence  
TG Main Sequence Stars  
TH Post-Main sequence (non-cataclysmic)  
    RG Red Giants  
    LPV Long Period Variables  
    WD White Dwarfs  
TI Novae  
TJ Supernovae  
TK Retired Stars: Pulsars and Neutron Stars  
    (coded P and N)  
TL Black Holes  
TM Other Objects (SS433, etc.)  
TN Nucleosynthesis and Stellar Energy  
    Production  
TT Artist Concepts of Stars and Systems
- V MILKY WAY STRUCTURE AND CONTENTS**  
(\* below = Subcoded MI—Miscellaneous  
    Photos and information; by NGC/IC  
    Number)  
VB Galactic Clusters\*  
VC Globular clusters\*  
VD Dark Nebulae and Molecular Clouds
- VE Diffuse Nebulae\*  
VF Planetary Nebulae\*  
VG SNRs\*  
VH Structure of the Milky Way  
    P Plane and Poles  
    L Local Area and Solar Location  
    T Top View and spiral arms  
    S Side View and halo  
    C Galactic Center  
VJ Milky Way starfields  
VK High Energy Astronomy  
VM Interstellar Medium
- W EXTRAGALACTIC ASTRONOMY**  
(\* see note under V)  
WA Classification Schemes  
WB Ellipticals\*  
WC Spirals\*  
WD Barred Spirals\*  
WE Dwarfs  
WF Irregular and Peculiar Galaxies\*  
WG Interacting and Violent  
WH Local Group  
WI Clusters of Galaxies  
WJ Quasars  
WK M31 and its system  
WL Cosmological Expansion/  
    Universe Models
- X TEXAS ASTRONOMY**  
Use this category for your own facilities' structures and instruments.
- Y HUMAN CREATIONS**  
YA Aliens/Alien Worlds in Art Form  
YB Science Fiction  
YC Cartoons and Humor  
YD Public Relations  
YE Quotes, Poems, Phrases  
YF Astronomy in the World Around Us  
    such as brand names with star words,  
    etc.  
YO Just plain odd  
YS Space Object Words  
YT Titles and Prose from Lectures
- Z# COLLECTIONS OF SLIDES/SHOW SLIDES**