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Stellar Spectral Classification Scientific and Technical Aerospace Reports Stellar Spectral Classification The MK Process and Stellar Classification Discovery and Classification in Astronomy The Observation and Analysis of Stellar Photospheres Notices of Changes in Classification, Distribution and Availability North Park College Catalog General Register Catalogue of the University of Michigan University of Michigan Official Publication Cumulative Index to NASA Tech Briefs Ultraviolet Stellar Spectra and Related Ground-Based Observations NASA Tech Brief Catalog of Infrared Observations The New Cosmos Government Reports Announcements & Index International Aerospace Abstracts The Analysis of Starlight Far Infrared Supplement Information Industry Directory Catalogue Catalogue Nuclear Science Abstracts American Men and Women of Science The Ohio State University Bulletin Conference on Stellar Astronomy and Astrophysics Bulletin American Men & Women of Science Publications Publications of the Astronomical and Astrophysical Society of America Morphological and Physical Classification of Galaxies American Men of Science American Men & Women of Science, 1992-93 General Catalog Earth Resources Grants and Awards for the Fiscal Year Ended ... Contributions from the Perkins Observatory Science Abstracts NASA SP.

Stellar Spectral Classification

2009-03-29

written by leading experts in the field stellar spectral classification is the only book to comprehensively discuss both the foundations and most up to date techniques of mk and other spectral classification systems definitive and encyclopedic the book introduces the astrophysics of spectroscopy reviews the entire field of stellar astronomy and shows how the well tested methods of spectral classification are a powerful discovery tool for graduate students and researchers working in astronomy and astrophysics the book begins with a historical survey followed by chapters discussing the entire range of stellar phenomena from brown dwarfs to supernovae the authors account for advances in the field including the addition of the l and t dwarf classes the revision of the carbon star wolf rayet and white dwarf classification schemes and the application of neural nets to spectral classification copious figures illustrate the morphology of stellar spectra and the book incorporates recent discoveries from earth based and satellite data many examples of spectra are given in the red ultraviolet and infrared regions as well as in the traditional blue violet optical region all of which are useful for researchers identifying stellar and galactic spectra this essential reference includes a glossary handy appendixes and tables an index and a based resource of spectra in addition to the authors the contributors are adam j burgasser margaret m hanson j davy kirkpatrick and nolan r walborn

Scientific and Technical Aerospace Reports

1993

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Stellar Spectral Classification

2021-06-08

this book shows that astronomical discovery is a complex and ongoing process comprising various stages of research interpretation and understanding

The MK Process and Stellar Classification

1984

describes the equipment observational techniques and analysis used in the investigation of stellar photospheres

Discovery and Classification in Astronomy

2013-09-09

announcements for the following year included in some vols

The Observation and Analysis of Stellar Photospheres

1992-06-04

announcements for the following year included in some vols

Notices of Changes in Classification, Distribution and Availability

1977

two years ago just before the prague meeting of the international astronomical union armin deutsch made the bold suggestion that the space spectroscopists hold a joint symposium with the ground based observers at that time the rocket observations of stellar spectra seemed too meagre to make such a meeting worthwhile but we proceeded in the hope that there would be significant new results available by 1969 iau commissions 29 and 44 on stellar spectra and observations from outside the terrestrial atmosphere respectively agreed to sponsor the symposium so that the organization was given to the joint working group of these commissions consequently the organizing committee which met first in prague consisted of a deutsch m w feast l houziaux v g kurt n g roman j sahad e a b underhill and r wilson with myself as chairman later cosp ar was invited to join in sponsoring the symposium and t chubb was added as their representative we were specially pleased when c de jager invited us to the netherlands and offered the services of the utrecht observatory for the local organization he suggested we hold the meeting at the new lunteren conference centre located in a wooded area some 35 km east of utrecht the modern facilities of the centre and the hospitality of its staff contributed much to the enjoyment of our four days there

North Park College Catalog

1927

astronomy astrophysics and space research have witnessed an explosive development over the last few decades the new observational potential offered by space stations and the availability of powerful and highly specialized computers have revealed novel aspects of the fascinating realm of galaxies quasars stars and planets the present completely revised 5th edition of the new cosmos provides ample evidence of these dramatic developments in a concise presentation which assumes only a modest prior knowledge of mathematics and physics the book gives a coherent introduction to the entire field of astronomy and astrophysics at the same time it takes into account the art of observation and the fundamental ideas behind their interpretation like its predecessors this edition of the new cosmos will provide new insight and enjoyment not only to students and researchers in the fields of astronomy physics and earth sciences but also to a wide range of interested amateurs

General Register

1949

this book presents a detailed pedagogical account of the equation of state and its applications in several important and fast growing topics in theoretical physics chemistry and engineering this book is the story of the analysis of starlight by astronomical spectroscopy it describes the development of the subject from the time of joseph fraunhofer who in 1814 used a telescope mounted prism to observe the spectral light emitted from several bright stars he discovered that light was missing at certain colours wavelengths in the starlight and these so called spectral lines were subsequently shown to hold clues to the nature of the stars themselves the book explains how the classification of stars using their line spectra developed into a major branch of astronomy whilst new methods in astrophysics made possible the approximate quantitative analysis of spectral lines in the 1920s and 1930s after the second world war these techniques were considerably improved when computers were programmed to model the structure of the outer layers of stars basic concepts in spectroscopy and spectral analysis are also covered and finally dr hearnshaw comments on the stellar spectroscopy of some individual star

Catalogue of the University of Michigan

1949

the catalog contains about 210 000 observations of roughly 20 000 individual sources and supporting appendices the literature search is complete for years 1965 through 1990

University of Michigan Official Publication

1948

comprehensive directory of databases as well as services involved in the production and distribution of information in electronic form there is a detailed subject index and function service classification as well as name keyword and geographical location indexes

Cumulative Index to NASA Tech Briefs

1970

list of members in v 1 3

Ultraviolet Stellar Spectra and Related Ground-Based Observations

2012-12-06

the morphological scheme devised by hubble and followers to classify galaxies has proven over many decades to be quite effective in directing our quest for the fundamental parameters describing the extragalactic manifold this statement is however far more true for spirals than for ellipticals echoing the concluding remarks in scott tremaine's summary talk at the princeton meeting on structure and dynamics of elliptical galaxies the hubble classification of spirals is useful because many properties of spirals gas content spiral arm morphology bulge prominence etc all correlate with hubble type by contrast almost nothing correlates with the elliptical

hubble sequence el to e7 during the last few years much effort has been put into the search for a more meaningful classification of ellipticals than hubble s concomitantly forwarded by some provocative conjectures by r michard the classical question of whether e galaxies form a physically homogeneous family has been brushed up once more results of these and other parallel studies look rather promising and point to suture part of the dichotomy between ellipticals and disk galaxies which had become popular in the early eighties owing to dynamical arguments at the same time it appears more and more clear that besides the usual genetic varieties of galaxies products of environmental evolution must also be contemplated in building our modern picture of the reign of galaxies the above considerations prompted us to solicit prof

NASA Tech Brief

1970

Catalog of Infrared Observations

1993

The New Cosmos

2013-06-29

Government Reports Announcements & Index

1976

International Aerospace Abstracts

1999

The Analysis of Starlight

1990-04-19

Far Infrared Supplement

1993

Information Industry Directory

2009

Catalogue

1964

Catalogue

1970

Nuclear Science Abstracts

1975

American Men and Women of Science

1986

The Ohio State University Bulletin

1963

Conference on Stellar Astronomy and Astrophysics

1973

Bulletin

1930

American Men & Women of Science

1989

Publications

1915

Publications of the Astronomical and Astrophysical Society of America

1915

Morphological and Physical Classification of Galaxies

2012-12-06

American Men of Science

1982

American Men & Women of Science, 1992-93

1992

General Catalog

1932

Earth Resources

1976

Grants and Awards for the Fiscal Year Ended ...

1975

Contributions from the Perkins Observatory

1953

Science Abstracts

1952

NASA SP.

1962

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