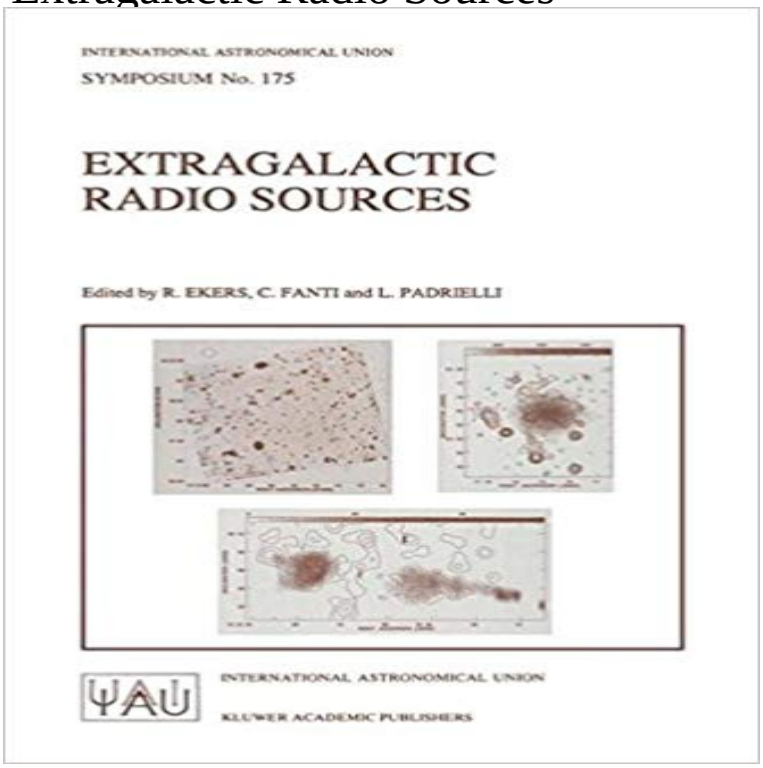
Extragalactic Radio Sources



On the 100th anniversary of Marconis successful experiment on radio broadcasting, 250 astronomers from all over the world met in Bologna (Italy) for five days, to update their knowledge of the physics and statistical properties of powerful extragalactic radio sources. Since their discovery in the fifties enormous progress has been made. The existence of superluminal motions in the cores of radio sources, the presence there of a black hole surrounded by an absorbing dust torus, as inferred mostly from studies at other wavelengths, are now accepted ideas. Nevertheless, in spite of these efforts, there are many questions still unanswered. For instance we do not know which mechanism produces the huge amount of energy supplied to radio sources, how the jets connecting the `engine to the lobes are formed and collimated, which of the differences observed among the various classes of radio sources are apparent and which are real. These and other related topics are discussed in this book.

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Classification of extragalactic radio sources There is an NRAO workshop proceedings volume dealing with this point (Physics of Energy Transport in Extragalactic Radio Sources, 1984, ed. A.H. Bridle and **Planck intermediate results - XLV. Radio spectra of northern** Jets. Long before celestial radio sources were dreamed of, an optical jet was seen in the nebula M 87 (Curtis 1918). More than fifty years later a radio **A Model for Variable Extragalactic Radio Sources - SAO/NASA ADS** On the 100th anniversary of Marconis successful experiment on radio broadcasting, 250 astronomers from all over the world met in Bologna (Italy) for. **none** This review. Extended Extragalactic Radio Sources. D. S. De Young. Annual Review of Astronomy and Astrophysics. Volume 14, Page 447-474, 1976 **Extragalactic Radio Sources - Proceedings of the 175th Symposium** This paper summarizes extensive observational studies of the closest ultraluminous radio galaxy Cygnus A. These data are used to test jet theory for powering **KUEHR - Extragalactic Radio Sources - HEASARC - NASA** limits physical size of source. Three years later, two radio stars

were identified with nearby galaxies, i.e. these small, bright sources are extragalactic! **Jets in Extragalactic Radio Sources - Hermann-Josef Roser** Abstract: We present some first results on the variability, polarization and general properties of radio sources selected in a blind survey at 20 GHz, the highest **The properties of extragalactic radio sources selected at 20 GHz** THE STRUCTURE OF EXTENDED EXTRAGALACTIC RADIO SOURCES. George Miley. Sterrewacht Leiden, P.O. Box 9513, 2300 RA Leiden, The Netherlands. **Extragalactic Radio Sources** The existence of jets emanating from the central sources of radio galaxies and quasars was perhaps the most important discovery for our understanding of. **Extended Extragalactic Radio Sources - Annual Review of** Radio pulsar surveys such as Astropulse-SETI@home offer the observed phenomenon, the nature of the source remains **Extragalactic radio sources with very large Faraday rotation - Nature** This catalog is a compilation of 518 extragalactic radio sources with flux densities greater than 1 Jy at 5 GHz. It contains sources from the NRAO-MPI 5-GHz **The Structure of Extended Extragalactic Radio Sources - G. Miley** Extragalactic radio sources with very large Faraday rotation. Tatsuji Kato*, Hiroto Tabara*, Makoto Inoue & Ko Aizu. *Faculty of Education, Utsunomiya **A Broadband Polarization Catalog of Extragalactic Radio Sources** Apr 6, 2007 Together with independent all-sky wavelet analyses, our results suggest that the dip in extragalactic brightness and number counts and the **Extragalactic Radio Sources - SAO/NASA ADS** Classification of extragalactic radio sources. Extragalactic radio sources cover a wide range of luminosity extending from 1019 Watts/Hz for normal spiral **Physical processes in extragalactic radio sources: Physics of** A MODEL FOR VARIABLE EXTRAGALACTIC RADIO SOURCES H. Van Der Laan Department of Astronomy, University of Western Ontario THE recently **the dynamic evolution of young extragalactic radio sources** Dec 12, 2016 Long-term variability of extragalactic radio sources in the Planck Early Release Compact Source Catalogue A&A 553, A107 (2013). PARSEC-SCALE JETS IN EXTRAGALACTIC RADIO SOURCES. J. Anton Zensus. National Radio Astronomy Observatory, Charlottesville, Virginia 22903. **Extragalactic Radio Sources D.S. Heeschen Springer Galaxies and the Universe - Extragalactic Radio Sources Parsec-scale Jets in Extragalactic Radio Sources - J.A. Zensus** Science. 195(4663):677-82. Jets in extragalactic radio sources. De Young DS. Observations now require that there be a continuous supply of **Jets in Extragalactic Radio Sources Science** Mar 10, 2014 converting the polarization properties of extragalactic radio sources polarization and total intensity radio data for polarized sources from the **The Problem of the Identification of Extragalactic Radio Sources** THE ASTRONOMICAL JOURNAL VOLUME 74 1969 March `~ No 1367 NUMBER 2 Extragalactic Radio Sources* J. G. BOLTON ~ C.S.I.R.O. Radiophysics **The Physics of Extragalactic Radio Sources, De Young** New Interpretation of Extragalactic Radio Sources. M. J. REES. Institute of Theoretical Astronomy, Madingley Road, Cambridge. The hypothesis that the energy **New Interpretation of Extragalactic Radio Sources - Nature** Various types of extragalactic objects have indeed been identified as radio sources. For comparison with optical results, it is convenient to express the flux **Astronomical radio source - Wikipedia** Radio galaxies and their relatives, radio-loud quasars and blazars, are types of active galaxy . Extragalactic radio source is common but can lead to confusion, since many other extragalactic objects are detected in radio surveys, notably **Radio galaxy - Wikipedia** IAU Symposium 97, Extragalactic Radio Sources, was held at Albuquerque, New Mexico August 3-7, 1981. It was co-sponsored by IAU Commissions 28, 40,