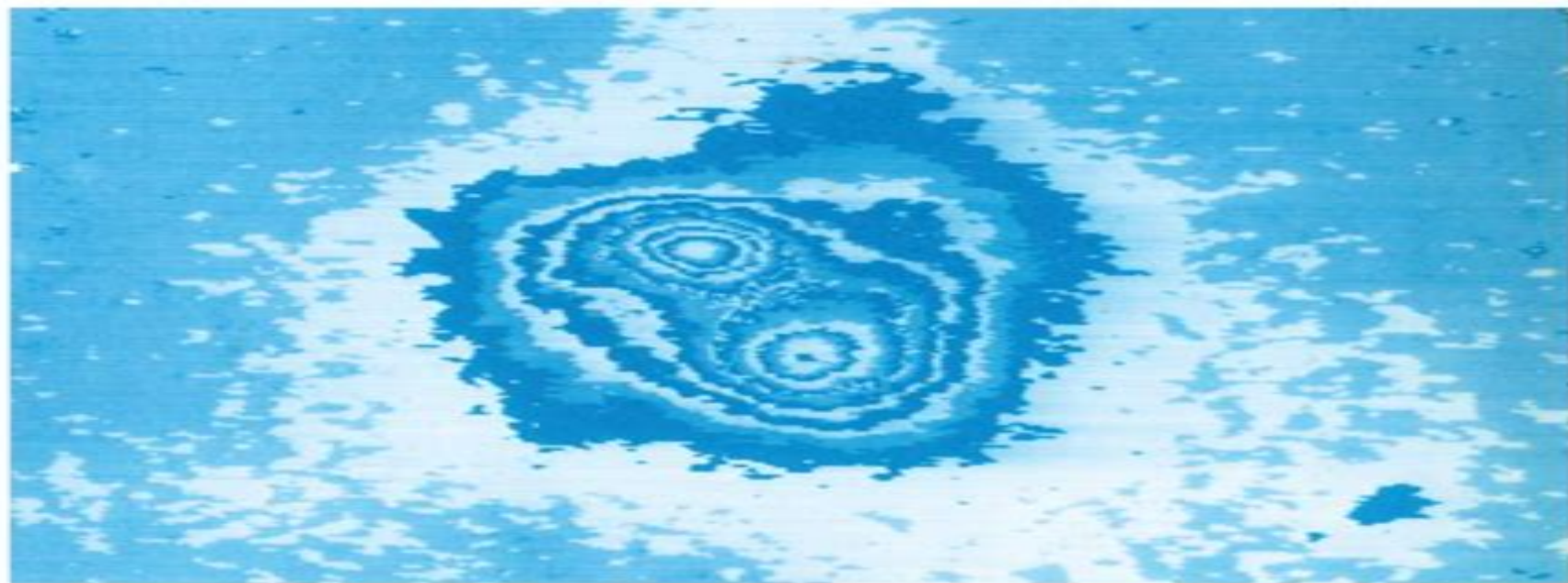


INTERNATIONAL ASTRONOMICAL UNION

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# OBSERVATIONAL EVIDENCE OF ACTIVITY IN GALAXIES

Edited by E. Ye. KHACHIKIAN, K. J. FRICKE and J. MELNICK



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# Observational Evidence Of Activity In Galaxies

**L Darling-Hammond**



## **Observational Evidence Of Activity In Galaxies:**

**Literature 1987, Part 1** S. Böhme, U. Esser, H. Hefele, I. Heinrich, W. Hofmann, D. Krahn, V. R. Matas, L. D. Schmadel, G. Zech, 2013-11-11 Astronomy and Astrophysics Abstracts aims to present a comprehensive documentation of the literature concerning all aspects of astronomy astrophysics and their border fields It is devoted to the recording summarizing and indexing of the relevant publications throughout the world Astronomy and Astrophysics Abstracts is prepared by a special department of the Astronomisches Rechen Institut under the auspices of the International Astronomical Union Volume 43 records literature published in 1987 and received before August 15 1987 Some older documents which we received late and which are not surveyed in earlier volumes are included too We acknowledge with thanks contributions of our colleagues all over the world We also express our gratitude to all organizations observatories and publishers which provide us with complimentary copies of their publications Starting with Volume 33 all the recording correction and data processing work was done by means of computers The recording was done by our technical staff members Ms Helga Ballmann Ms Beate Gobel Ms Monika Kohl Ms Sylvia Matyssek Ms Doris Schmitz Braunstein Ms Uta Barbara Stegemann Mr Jochen Heidt and Mr Kristopher Polzine supported our task by careful proof reading It is a pleasure to thank them all for their encouragement Heidelberg October 1987 The Editors Contents Introduction 1 Concordance Relation PHYS AAA 3 Abbreviations 5 Periodicals Proceedings Books Activities 001 Periodicals 10 002 Bibliographical Publications Documentation Catalogues Data Bases 50 003 Books

**Observational Evidence of Activity in Galaxies** International Astronomical Union. Symposium, E. E. Khachikian, 1987-05-31 Proceedings of the 121st Symposium of the International Astronomical Union held in Byurakan Armenia USSR June 3 7 1986 *Fifty Years of Quasars* Mauro D'Onofrio, Paola Marziani, Jack W. Sulentic, 2012-06-30 Formatted as a series of interviews with noted researchers in the field this book reviews the history of quasar research and describes how advances in instrumentation and computation have aided quasar astronomy and changed our basic understanding of quasars

**Astronomical and Astrophysical Transactions**, 1992 **Observational Evidence of Activity in Galaxies** E. Ye. Khachikian, K. J. Fricke, J. Melnick, 1987-06-14 IAU Symposium No 121 was hosted by the Byurakan Astrophysical Observatory in Soviet Armenia almost 30 years after Ambartsumian's pioneering ideas about galaxy activity were first published and almost exactly 20 years after the first Byurakan IAU symposium on nuclear activity No 29 Non stable Phenomena in Galaxies May 1966 Although the proceedings of the first Byurakan symposium were not published in English that conference provided a definitive impulse to the field as Ambartsumian's ideas had done 10 years earlier The Byurakan Astrophysical Observatory was thus a particularly appropriate setting for IAU 121 The symposium was also very timely since many new exciting results were presented which will surely revolutionize many of our present ideas about nuclear activity in galaxies and QSO's The first results of the by now famous Markarian survey were presented by B E Markarian in the first Byurakan conference Unfortunately his untimely death prevented him from attending the second

conference but the influence of his fundamental work was certainly felt      **Reverberation Mapping of the Broad-line Region in Active Galactic Nuclei** Rutherford Appleton Laboratory. Workshop on Astronomy and Astrophysics,1994  
*Revista Mexicana de Astronomía Y Astrofísica* ,1993      Observational Evidence of Activity in Galaxies E.Ye. Khachikian,K.J. Fricke,J. Melnick,1987-05-31 IAU Symposium No 121 was hosted by the Byurakan Astrophysical Observatory in Soviet Armenia almost 30 years after Ambartsumian s pioneering ideas about galaxy activity were first published and almost exactly 20 years after the first Byurakan IAU symposium on nuclear activity No 29 Non stable Phenomena in Galaxies May 1966 Although the proceedings of the first Byurakan symposium were not published in English that conference provided a definitive impulse to the field as Ambartsumian s ideas had done 10 years earlier The Byurakan Astrophysical Observatory was thus a particularly appropriate setting for IAU 121 The symposium was also very timely since many new exciting results were presented which will surely revolutionize many of our present ideas about nuclear activity in galaxies and QSO s The first results of the by now famous Markarian survey were presented by B E Markarian in the first Byurakan conference Unfortunately his untimely death prevented him from attending the second conference but the influence of his fundamental work was certainly felt      **Symposium** International Astronomical Union,1953      *Journal of Astrophysics and Astronomy* ,2007      **Astronomy, the Cosmic Perspective** Michael Zeilik,John E. Gaustad,1983 The ninth edition of this successful textbook describes the full range of the astronomical universe and how astronomers think about the cosmos      **The Galactic Center** Roland Gredel,1996      *BeppoSAX* E.P.J. Van den Heuvel,2004      *Physics Briefs* ,1994      *Highlights of Astronomy* International Astronomical Union,1995 Contains papers presented at the 13th general assembly of the IAU 1967  
*INIS Atomindex* ,1988      **Active Galactic Nuclei** Ian Robson,1996-05-07 Understanding the energy source and physical processes within active galaxies are the most challenging areas of current research Using a logical format and easy to follow explanations Robson demonstrates the crucial connections between observation and theory illustrating how diverse classes of active galaxies fit into the contemporary perspective Summary sections explain the physical concepts behind the mathematics      *Soviet Astronomy* ,1987      Publications of the Astronomical Society of Japan Nihon Tenmon Gakkai,2003  
**Communication** Royal Observatory, Edinburgh,1973

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