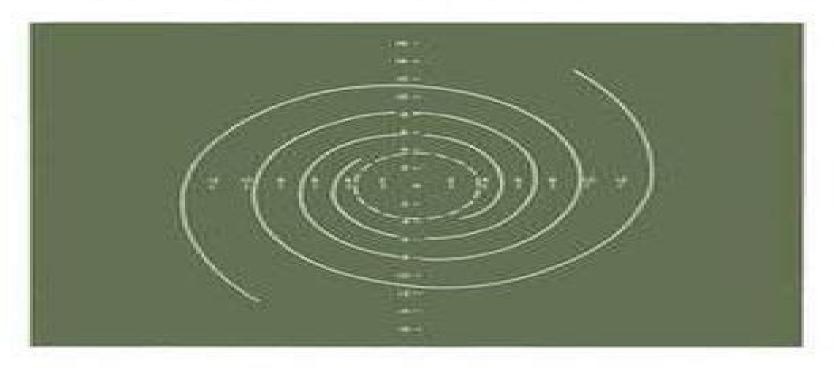
INTERNATIONAL ASTRONOMICAL UNION

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# THE SPIRAL STRUCTURE OF OUR GALAXY

Edited by W. BECKER and G. CONTOPOULOS





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# **Spiral Structure Of Our Galaxy Symp 1969**

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### **Spiral Structure Of Our Galaxy Symp 1969:**

The spiral structure of our galaxy Wilhelm Becker, Geórgios Kontópulos, 1970 The Formation and Dynamics of Galaxies J.R. Shakeshaft, 2012-12-06 Proceedings of IAU Symposium No 58 held in Canberra Australia August 12 15 1973

Nuclear Science Abstracts, 1973 The Spiral Structure of Our Galaxy International Astronomical Union.

Symposium, 1970 Oort and the Universe Hugo van Woerden, W.N. Brouw, H.C. van de Hulst, 2012-12-06 Jan H Dort s worden, w. Administrative Emeritus Herre van den Lean 21 Jan Hendrijk Dort and Dutch astronomy. H. G. van Broanen 21 Dort

Oort and the Universe Hugo van Woerden, W.N. Brouw, H.C. van de Hulst, 2012-12-06 Jan H Dort s work Symposium, 1970 Ad r iaan Blaauw Meritus Emeritus Harry van der Laan 21 Jan Hendrik Dort and Dutch astronomy H G van Bueren 31 Dort s scientific importance on a world wide scale Bengt Stromgren 39 Gart and international co operation in astronomy D H Sadler 45 Reminiscences of the early nineteen twenties Peter Van de Kamp 51 The first five years of Jan Dort at Leiden Bart J Bok 1924 1929 55 Early galactic structure Per Olof Lindblad 59 Early galactic radio astronomy at Kootwijk C A Muller 65 W N Christiansen Dort and his large radiotelescope 71 Ten years of discovery with Dort's Synthesis Radio Telescope R J Allen and R D Ekers 79 Gort s work on comets Maarten Schmidt 111 The evolution of ideas on the Crab Nebula L WoUjer 117 Gort s work reflected in current studies of galactic CO W B Burton 123 On high energy astrophysics V L Ginzburg 129 Dort and extragalactic astronomy Margaret and Geoffrey Burbidge 141 Birthday wishes John A and Janette Wheeler 151 The Earth and the Universe Abraham H Oort 153 The challenge of Jan Dort J H Bannier 157 Jan Dort at the telescope Fjeda Walraven 161 Gart Westerhout Personal recollections 163 Style of research Henk van de Hulst 165 Manuscript Jan H Awards for the Fiscal Year Ended ... National Science Foundation (U.S.),1970 **Parkes: Thirty Years of Radio Astronomy** DK Milne,1994-01-01 The opening of the Parkes radio telescope in October 1961 placed Australia at the forefront of international research in radio astronomy and ushered in an era of rapid developments in our understanding of the origin and nature of the Universe and our place within it Thirty years later the scientists engineers and technical staff involved in the establishment operation and subsequent development of this most successful of Australian research instruments gathered to review and reflect on their achievements and to recount many of the human stories that were so intimately bound up with this extraordinarily productive period in Australia s scientific history This book presents their accounts of the work and life at Parkes and provides a fresh perspective on the growth of Australian science over the past Wolf-Rayet and High-Temperature Stars M.K.V. Bappu, J. Sahade, 2012-12-06 We have in this volume three decades compiled a connected account of the proceedings of the Symposium on Wolf Rayet and High Temperature Stars held at Buenos Aires The Organizing Committee had assigned broad areas of topical interest to be reviewed by invited speakers Each of these presentations was followed by lengthy discussions that were tape recorded and transcribed later These discussions have been edited only to a limited extent We have shortened them and rearranged them to bring about a greater coherence We have however attempted to retain the tenor of the discussions the flavour of impromptu remarks and the continuity of an argument Much of the success of such a venture depends on the contributors to the discussions To be able to

make these thoughts available to a larger audience has been the task of those re sponsible for the elaborate tape recording of the proceedings We thank those at the Instituto de Astronomia y Fisica del Espacio for the efficient way in which this re sponsibility has been discharged Many at Buenos Aires and Kodaikanal have contributed efficient assistance to the preparation of this volume and we are deeply indebted for their help In particular two amongst these Nora Martinez and A M Batcha have contributed overwhelmingly both to the organization of the symposium and the final preparation of the symposium volume Financial support for this symposium came from the International Astronomical Union and the Argentine National Research Council The Galactic Interstellar Medium W.B. Burton, B.G. Elmegreen, R. Genzel, 2006-04-18 The previous Saas Fee Advanced Course dedicated to the interstellar medium took place in 1972 The tremendous scientific advances that have occurred in this field since then in particular owing to the availability of receivers working at completely unexplored wavelength bands fuUy justified a new set of lectures As a consequence the members of the Swiss Society for Astrophysics and As tronomy voted that The Galactic Interstellar Medium should be the subject of the 1991 course The 21st Saas Fee Advanced Course took place in Les Diablerets from 18 to 23 March 1991 gathering together about 80 participants from all over the world but mostly from Europe According to a rule that has proved to lead to success but also to chal lenge the lecturers energy the format of a Saas Fee Advanced Course consists traditionally of 28 lectures of 45 minutes which take place in the morning and late afternoon leaving ample time for discussions self study hiking or skiing Despite the inordinate work load imposed this year s lecturers felt that the subject was sufficiently dense to increase the lecture time by 1 3 This proved judicious and left more time for questions and discussions during the lectures Reprints - National Radio Astronomy Observatory, Green Bank, W. Va National Radio Astronomy Observatory (U.S.),1973

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