

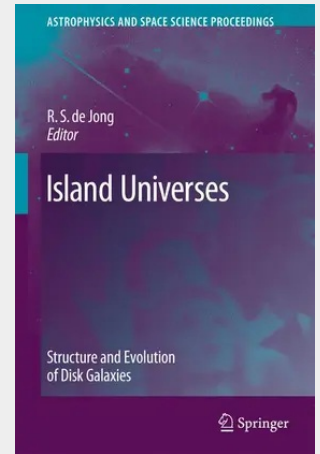
de Jong

Island Universes

Structure and Evolution of Disk Galaxies

This book contains an up-to-date review of the structure and evolution of disk galaxies from both the observational and theoretical point of view. It is the proceedings of the "Island Universes" conference held at the island of Terschelling in July 2005. It brings together a broad range of aspects of disk galaxies: structure and dynamics, the latest multi-wavelength surveys, low- and high redshift observations, theory and observations.

From the contents Foreword. Preface. Acknowledgments. List of Participants.- Part I: Properties of Stellar Disks.- Part II: Kinematics and Dynamics of Disk Galaxies.- Part III: Bars, Spiral Structure, and Secular Evolution in Disk Galaxies.- Part IV: The Outskirts and Environment of Disk Galaxies.- Part V: Interstellar Matter.- Part VI: (Evolution of) Star Formation in Galactic Disks.- Part VII: Disk Galaxies through Cosmic Time.- Part VIII: Formation Models of Disk Galaxies.- Part IX Conference Summary. Island Universes. Index.



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