

1. Record Nr.	UNISA996466704503316
Titolo	New aspects of galaxy photometry : proceedings of the specialized meeting of the Eighth IAU European Regional Astronomy Meeting, Toulouse, September 17-21, 1984 // edited by J.-L. Nieto
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer-Verlag, , [1985] ©1985
ISBN	3-540-39566-0
Edizione	[1st ed. 1985.]
Descrizione fisica	1 online resource (XIII, 354 p. 85 illus.)
Collana	Lecture Notes in Physics ; ; 232
Disciplina	523.112
Soggetti	Galaxies Astronomical photometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	New trends in CCD photometry of galaxies -- A new filter system for CCD surface photometry -- Electronography : Performances, results, expectations -- Food for the photometrists — faint galaxies revealed -- Computer-linked microdensitometers: Performance, results and expectations -- Results from surface photometry of extensive samples of galaxies -- High resolution in galaxy photometry and imaging -- Surface photometry with the space telescope -- Accuracy and improvements in galaxy photometry: Why and how -- Comparison of photographic and CCD surface photometry of galaxies -- Photographic photometry of 16000 galaxies on ESO blue and red survey plates -- Photometry and radio continuum observations of galaxies -- Galaxy photometry in the infrared -- Galaxy photometry and X-ray astronomy -- Problems of galactic and extragalactic CO photometry -- A study of star formation in Shapley-Ames spiral galaxies based on IRAS far-infrared observations -- IRAS observations of the Magellanic clouds -- Contemporary dynamical problems — A possible contribution to their solution by galaxy photometry -- The three-dimensional shape of galaxies -- Dynamics of ellipticals : The case for 2-dimensional photometry -- Fine structure in elliptical galaxies -- Can shells help to distinguish prolate from oblate elliptical galaxies? -- Constraints on the potential of barred galaxies from surface photometry and direct

photography -- Blue and near-infrared surface photometry of 50 barred and nonbarred spiral galaxies -- Brightest member luminosities and dynamical times of galaxy clusters -- Dark Halos around Late-type galaxies -- N-body simulations and galaxy photometry -- Galaxy photometry and cosmology -- Observing the galaxy evolution at high redshifts -- Far-UV to infrared photometric star formation tracers -- Evolution of spiral galaxies in a cluster environment -- Galaxy photometry at faint light levels — interaction with the environment -- Malmquist bias in “Tully-Fisher” relation -- Photometry of quasar host galaxies and cosmological implications -- Possible evidence for evolution in the photometric properties of nearby galaxies -- On the structure and kinematics of the small magellanic cloud -- Photographic surface photometry of the Andromeda galaxy -- HI holes in the interstellar medium of Messier 31 -- High resolution CO observations in M31 -- Morphological investigation of elliptical galaxies -- A comparison of the ellipticity profiles of E and SO galaxies -- The lenticular NGC 3115: A standard for galaxy photometry -- Dust in elliptical galaxies — how often, how much? -- Liller's photometry revisited -- Constructing distribution functions for galaxies with application to m87 -- Radio studies of peculiar galaxies at 10.7 GHz -- The velocity field of NGC 1365 -- Morphology and radial velocity of galaxies using colour-colour diagrams -- The Z-distribution of radio continuum emission in NGC 891 -- Some methods for photometry of galaxies in clusters -- HI observations of the virgo cluster galaxies -- An HI and optical study of the gas poor virgo cluster spiral NGC 4571 -- Influence of the K-effect on the colours and the  $\lambda$  4000 break amplitudes of galaxies in distant clusters -- Mass-to-light ratio of elliptical galaxies -- Deconvolution of the elliptical nucleus of M 31 -- Distance of galaxies from the method of sosies -- Mass to luminosity ratio of bars in spiral galaxies -- Systematic errors in Zwicky's magnitudes -- Stochastic stellar orbits in galaxies -- Relations among optical, radio and X-ray properties of Abell clusters of galaxies -- A compilation of UBVRI photometry for galaxies in the ESO/Uppsala catalogue -- The nuclear radio sources in the elliptical galaxies NGC 3309 and NGC 3311 in the cluster Abell 1060 -- Surface photometry and detailed structure of the elliptical galaxy NGC 1199 and its compact companions -- The velocity fields of barred galaxies -- Absorbing matter in E and SO galaxies -- A peculiarity in the photometric profiles of some SO galaxies.

---