

INDEX OF SUBJECTS

APM	89, 137, 147
Absorption	8, 126, 297, 318, 386, 471
Algorithm: detection	470
Algorithm: search	420
Associations	46, 305
Associations: galaxy/QSO	467
Asteroids	10, 229
Astrometry	173, 217, 225, 566
Atlases	19, 26
Autocorrelation function	512
Automated detection	107, 121, 133
Automated measuring machines	77-78, 171, 185, 571
Automated procedures	263, 406
BL Lac objects	8, 454
Blue objects	475
Blue stragglers	356
Bok globules	45, 60, 283
C-C diagram	297
C-M diagram	92, 279, 297, 355
CCD	10, 22, 33, 40, 169, 215, 297, 391, 489, 553
CO clouds	285
COSMOS	79, 109, 121, 125, 137, 401, 405, 468, 499
Catalogues	7, 197, 226
Chromaticity	200
Classification: automated	129, 287, 493
Classification: galaxies	383
Classification: images	81, 129, 133, 461
Classification: parameters	130
Classification: spectral	41, 273, 476
Classification: stars	287
Clusters of galaxies	7, 29, 107, 113, 126, 406, 507, 513
Clusters of galaxies: morphology	523
Clusters of galaxies:	
numerical models	514
Clusters of galaxies: stability	522
Co-occurrence matrix	134
Cometary globules	29, 60, 283
Comets	155, 214, 230, 233, 237
Comets: ion column density	237
Comets: plasma tails	233
Cosmology	511, 527
Counts: galaxies	464, 489, 499, 527
Counts: galaxies/models	502
Counts: stars	79, 315, 329, 347
Counts: stars/in MC	335
Dark clouds	46, 316, 329

Dark clouds: extinction	329
Data analysis	102, 165
Data compression	167
Deceleration parameter	499, 528
Density enhancements	513
Density fluctuations	513
Density moment sum method	156
Density parameter	513
Density wave theory	391
Detectors	57, 173, 177, 551
Detectors: linear	181
Detectors: resolution	177
Discoveries	3
Dust clouds	28, 59
Dust: intergalactic	507
Dust: interstellar	467
ESO facilities	99
Electronographic camera	173
Emission line objects	311, 467
Emulsions: T-grain	141, 552
Emulsions: contrast	141
Emulsions: gold spot disease	28, 143
Emulsions: granularity	141, 185
Emulsions: reciprocity failure	68
Emulsions: sensitivity	196
Emulsions: speed	142
FAST	197
FOCAS	461, 489
Fabry-Perot interferometry	177
Fourier transform	131, 189, 200
GIOTTO	233
Galactic astronomy	247
Galactic structure	8, 257, 315, 325
Galactic winds	390
Galaxies	7, 28, 53, 60, 110, 129, 133, 171, 333, 367 379, 383, 385, 389, 401, 405, 409, 439, 457 489, 507
Galaxies: HII regions	395, 441
Galaxies: Haro	413
Galaxies: M/L	386
Galaxies: Markarian	411, 427
Galaxies: N-body simulations	390
Galaxies: Seyfert	397, 410, 427
Galaxies: UV excess	427, 439, 467
Galaxies: Zwicky	420
Galaxies: active nuclei	427, 443
Galaxies: blue	54, 463
Galaxies: blue compact	396, 476
Galaxies: bright nucleus	397
Galaxies: bulges	385

Galaxies: classification	383
Galaxies: colour excess	507
Galaxies: colour maps	385
Galaxies: colours	411, 495, 527, 530
Galaxies: compact	411, 458
Galaxies: contamination	463
Galaxies: counts	489, 499, 527
Galaxies: differential counts	464
Galaxies: discrepant redshifts	511
Galaxies: disks	65, 385, 390
Galaxies: distribution	125, 418
Galaxies: early type	379, 389, 393
Galaxies: emission line	54, 409
Galaxies: evolution	489, 527
Galaxies: extension	61
Galaxies: interactions	379, 441
Galaxies: internal absorption	386
Galaxies: isophotes	126, 161
Galaxies: luminosity evolution	499
Galaxies: luminosity function	489, 530
Galaxies: mass distribution	385
Galaxies: mergers	63
Galaxies: models of counts	502
Galaxies: morphology	440, 502
Galaxies: nearby	95
Galaxies: optical variability	398
Galaxies: photometry	126, 383, 428
Galaxies: polar rings	381
Galaxies: light profiles	62, 383
Galaxies: redshifts	32, 109, 401, 405
Galaxies: rotation	428
Galaxies: shell	62-63, 389
Galaxies: standard	368
Galaxies: starburst nuclei	413
Galaxies: substructures	381
Galaxies: surveys	397, 440
Galaxies: young	395
Grant machine	102
Grid photography	368
Grism	40, 216, 341, 352, 434, 449
Guide Star Selection System	28, 563
HII regions	54, 312
HII regions: compact	342
HIPPARCOS	197, 218, 225, 288, 294, 486
HIPPARCOS: consortia	226
Herbig-Haro objects	306
Holographic grating	216
Hubble flow	396
Hydrogen peroxide	143
IHAP	102

IIIa-F	5, 44, 73, 143
IIIa-J	5, 29, 44, 57, 66, 68, 71, 73, 108, 143, 191 481, 552
IRAS	31, 48
IUE	49
Image processing	573
Images	185
Images: analysis	89
Images: automated analysis	137
Images: automated detection	169
Images: blending	330
Images: classification	81, 129, 133, 461
Images: detection of faint	57, 91
Images: multiple	135
Images: profiles	148
Images: sizes	79
Images: stellar	147
Images: unresolved	81
Interloopers	449
International Halley Watch	155, 231, 233
Interstellar matter	244, 409, 457
Isophotes: ellipticity	363
Isophotes: twisting	63, 365
Kelvin-Helmholtz instability	234
Kodak IV-N	30
LAST	183
Large Scale Phenomena Network	233
Line ratios	213, 287, 417
Low luminosity objects	122
Luminosity function: MC	359
Luminosity function: disk	246
Luminosity function: galaxies	489, 530
Luminosity function: halo	325
Luminosity function: stars	9, 86, 259, 315
M.A.M.A. project	165
Magellanic Clouds	33, 333
MC: charts	335
MC: clusters	337, 359, 363
MC: luminosity function	359
MC: objects	333
MC: star counts	335
MC: surveys	333
MEPSICRON	177
MIDAS	103
Magnitude scale	82
Mass storage	571
Matter: hierarchical distribution	513
Metal abundances	261
Microdensitometers	78, 89, 159, 165, 370
Microprocessors	571

Microspots	143
Missing mass	9, 241
Missing mass: candidates	244
Modulation transfer function	189
Multiplicity function	517
Neutrinos	515
Novae	46
Objective-prism	26, 41, 107, 137, 205, 227, 237, 258, 273, 279 283, 287, 291
Objective-prism: targets	39
Oort's constants	93
Optical fibers	33, 115, 181, 552
Optronics S3000 (FIRST)	101
PDS	101, 159, 261, 566
PLANET-A	233
Parallaxes: secular	93
Parallaxes: trigonometric	222
Peculiar objects	56
Photography: adjacency effect	368
Photography: calibration	18, 26, 74, 79, 147, 155, 367
Photography: colour	67
Photography: contrast	19, 69
Photography: faint images	73
Photography: future	69
Photography: high contrast	74
Photography: masking	58, 66, 73
Photography: sensitization	18, 26, 40, 58, 371
Photography: signal enhancement	73
Photography: superposition	66
Photography: uniformity	68
Photometry	173, 332
Photometry: K-correction	421, 490, 502
Photometry: automated	77
Photometry: calibration	82, 147, 150
Photometry: colour equation	85
Photometry: errors	84
Photometry: photographic	355
Photometry: standards	82
Photometry: stars	161, 295
Photometry: three colour	247
Photometry: threshold	83
Photometry: two colour	475
Planetary nebulae	311
Planetary satellites	229
Point Spread Function	189, 373
Poisson-Boltzman equation	243
Population synthesis	325
QSOs	8, 31, 39, 107, 121, 396, 409, 427, 433, 443 457, 461, 467, 473, 475
QSOs: automated detection	115

QSOs: discoveries	443
QSOs: evolution	464
QSOs: multicolour photometry	443
QSOs: observational selection	449
QSOs: optical variability	443, 473
QSOs: radio emission	443
Quantum sensitivity	190
Radio sources	8, 390, 481
Radio sources: accurate positions	481
Radio sources: morphology	481
Radio sources:	
optical identifications	481
Rapid Selenium toner	145
Ray tracing	193
Rayleigh scattering	373
Reddening	122, 318
Reduction systems	571
Reduction techniques	99
Reflection nebulosities	374
Ringers	467
SMC: clusters	347, 355
SMC: dynamical parameters	347
SMC: emission line objects	353
SMC: members	351
SMC: nebulosities	351
SMC: stars	352
SMC: structural parameters	348
SMC: tidal radius	347
ST/Schmidt complemetarity	564
STARLAB	527
STARLINK	89, 110
Satellites	231
Second Cape Photographic	
Catalogue	218
Seeing	15, 185, 220, 372, 393
Selected Areas	43, 223
Sky background	57, 78, 112, 420
Slitless spectroscopy	237, 423, 449, 552
Solar System	229
Space Telescope	527, 563
Spectrographs	544
Spectrophotometry	423
Star clusters: open	295
Star/galaxy separation	133, 320, 464
Stars	37, 44, 77, 133, 212, 241, 247, 257, 265, 273 279, 283, 287, 291, 301, 315, 325, 329, 333 351, 356
Stars counts	161
Stars: A type	269
Stars: Mira	307

Stars: Sr-Eu-Cr	275
Stars: age distribution	271, 315
Stars: blue	55
Stars: calibration	267
Stars: carbon	46
Stars: classification	259, 287
Stars: colours	315
Stars: contamination	359, 469
Stars: counts	79, 161, 315, 329, 347
Stars: counts/MC	335
Stars: counts/automated methods	329
Stars: degenerate black dwarfs	9
Stars: density distribution	247, 269, 280, 325-326
Stars: early type	49
Stars: emission line	55, 312
Stars: flare	208, 279, 305
Stars: formation	269, 283, 329, 386, 395, 442, 498
Stars: horizontal branch	360
Stars: kinematics	269, 315
Stars: late type	47, 241, 279
Stars: luminosity function	9, 86, 259, 315
Stars: metal abundance	9, 251, 315
Stars: number counts	258
Stars: peculiar	273
Stars: photometry	77
Stars: profiles	155
Stars: proper motions	9, 92, 222, 320, 568
Stars: radial velocities	40, 43, 161, 291
Stars: red giants	257
Stars: reddening line	249
Stars: sequences	297
Stars: standard	287
Stars: transverse velocities	321
Stars: types of	262
Stars: variable	306
Stars: velocity dispersion	270
Statistical astronomy	77, 92
Stellar populations	315
Stellar reference frame	218
Stellar statistics	315
Strasbourg Stellar Data Center	218, 226, 287
Summary of the meeting	577
Superassociations	427
Superclusters	7, 511
Superclusters: substructures	511
Supernovae	301
Supernovae: search	93, 302
Supernovae: search/Asiago	451
Surface photometry	367, 383, 385
Surface photometry: errors	367

Surface photometry: sky level	369
Surface photometry: zero point	371
Surveys	3-4, 13, 25, 389
Surveys: 2-micron	258
Surveys: Case-Hamburg	45
Surveys: ESO/SRC	27
Surveys: ESO/Uppsala	22
Surveys: Michigan	42
Surveys: O-B stars	265
Surveys: QSO/Asiago	446
Surveys: QSOs	425
Surveys: Schmidt	225, 301, 337, 340, 567
Surveys: UKST equatorial	29
Surveys: completeness	277, 437, 489
Surveys: elements	14
Surveys: emission objects	44, 424
Surveys: faint galaxies	125
Surveys: feasibility	6
Surveys: instruments	559
Surveys: methods	409
Surveys: multicolour	447
Surveys: near IR	30
Surveys: objective-prism	9, 31, 38, 42, 53, 212, 261, 265, 291, 311, 339 352, 395, 401, 405, 412, 449, 457, 467, 476
Surveys: optical	461
Surveys: photometric	279, 461
Surveys: quantitative	423
TD1	553
TYCHO	218
Table data	571
Telescopes: AAT	115
Telescopes: Asiago Schmidt	301
Telescopes: Bulgarian Schmidt	207
Telescopes: Burrell Schmidt	54
Telescopes: CFH	382, 391, 393, 557
Telescopes: CNRS-Liege Schmidt	292
Telescopes:	
Calar Alto Observatory	203, 423
Telescopes: ESO 1-m Schmidt	14
Telescopes: ESO 3.6-m	5
Telescopes: Schmidt	3, 41
Telescopes: Southern Schmidt	334
Telescopes: Space Schmidt	10, 34, 451, 527, 544
Telescopes: Space Telescope	486, 527, 563
Telescopes: Torun 60/90 Schmidt	211
Telescopes: UK 1.2-m Schmidt	26, 108, 195
Telescopes: aberrations	537
Telescopes: all reflective	199, 225, 541
Telescopes: astrographs	247
Telescopes: corrector	18, 26, 109, 185, 536

Telescopes: field	6
Telescopes: flat field	193
Telescopes: focal surface	217
Telescopes: new generation	549
Telescopes: optical design	533, 555
Telescopes: radial distortion	219
Telescopes: resolution	379, 393-393
Telescopes: vignetting	193, 369
The Galaxy: disk	242, 259
The Galaxy: halo	123, 261
The Galaxy: halo stars	320
The Galaxy: kinematics	261
The Galaxy: massive halo	241
The Galaxy: model	242
The Galaxy: rotation	92
The Galaxy: spheroid	84, 242
Trans-Plutonian planets	230
UKIRT	31
UKSTU	181
UVSAT	215
UVX objects	8, 49, 396, 412, 433, 457, 475, 483
Unseen material	244
VEGA	233
VLBI	486
Variable objects	82, 121, 212