
Bibliographie

- Abney, W. D. C. : 1877, *Effect of a star's rotation on its spectrum*, *MNRAS* **37**, 278
- Abt, H. A. : 1979, *The frequencies of binaries on the main sequence*, *AJ* **84**, 1591
- Abt, H. A. : 1983, *Normal and abnormal binary frequencies*, *ARA&A* **21**, 343
- Abt, H. A. : 2001, *Are Stellar Rotational Axes Distributed Randomly?*, *AJ* **122**, 2008
- Abt, H. A., Gomez, A. E., et Levy, S. G. : 1990, *The frequency and formation mechanism of B2-B5 main-sequence binaries*, *ApJS* **74**, 551
- Abt, H. A., Levato, H., et Grosso, M. : 2002, *Rotational Velocities of B Stars*, *ApJ* **573**, 359
- Abt, H. A. et Levy, S. G. : 1976, *Multiplicity among solar-type stars*, *ApJS* **30**, 273
- Acker, A., Marcout, J., Ochsenbein, F., Stenholm, B., et Tylenda, R. : 1992, *Strasbourg - ESO catalogue of galactic planetary nebulae. Part 1; Part 2*, Garching : European Southern Observatory, 1992
- Adelman, S. J. : 1973, *Classifications of Some Stars in the Lacertae OBI Association*, *PASP* **85**, 676
- Albrecht, M. A., Brighton, A., Herlin, T., Biereichel, P., et Durand, D. : 1997, Access to Data Sources and the ESO SkyCat Tool, in *ASP Conf. Ser. 125 : Astronomical Data Analysis Software and Systems VI*, pp 333-+
- Alcock, C., Allsman, R. A., Alves, D. R., Axelrod, T. S., Basu, A., Becker, A. C., Bennett, D. P., Cook, K. H., Drake, A. J., Freeman, K. C., Geha, M., Griest, K., King, L., Lehner, M. J., Marshall, S. L., Minniti, D., Nelson, C. A., Peterson, B. A., Popowski, P., Pratt, M. R., Quinn, P. J., Stubbs, C. W., Sutherland, W., Tomaney, A. B., Vandehei, T., et Welch, D. L. : 2000, *The MACHO Project 9 Million Star Color-Magnitude Diagram of the Large Magellanic Cloud*, *AJ* **119**, 2194
- Allen, D. A. et Cragg, T. A. : 1983, *The AAO JHKL-prime photometric standards*, *MNRAS* **203**, 777
- Ambartsumian, V. A. : 1947, *German translation 1951, Abhandlungen Aus Der Sowjetischen Astronomie* **1**, 33
- Angerhofer, P. E. et Kundu, M. R. : 1981, *New meter-wavelength observations of S 147*, *AJ* **86**, 1003

- Baade, A. : 1944, *ApJ* **100**, 79
- Banday, A. J., Zaroubi, S., et Bartelmann, M. (eds.) : 2001, *Mining the Sky*
- Barbá, R. H., Rubio, M., Roth, M. R., et García, J. : 2003, *Active Star Formation in the N11B Nebula in the Large Magellanic Cloud : A Sequential Star Formation Scenario Confirmed*, *AJ* **125**, 1940
- Beaulieu, J. et Sackett, P. D. : 1998, *Red Clump Morphology as Evidence against a New Intervening Stellar Population as the Primary Source of Microlensing toward the Large Magellanic Cloud*, *AJ* **116**, 209
- Bernacca, P. L. et Perinotto, M. : 1970, *A catalogue of stellar rotational velocities*, *Contributions dell'Osservatorio Astrofisica dell'Università di Padova in Asiago* **239**, 1
- Bersanelli, M., Bouchet, P., et Falomo, R. : 1991, *JHKL' photometry on the ESO system - Systematic effects and absolute calibration*, *A&A* **252**, 854
- Bertin, E. et Arnouts, S. : 1996, *SExtractor : Software for source extraction*, *A&AS* **117**, 393
- Bessell, M. S. et Brett, J. M. : 1988, *JHKLM photometry - Standard systems, passbands, and intrinsic colors*, *PASP* **100**, 1134
- Bessell, M. S., Castelli, F., et Plez, B. : 1998, *Model atmospheres broad-band colors, bolometric corrections and temperature calibrations for O - M stars*, *A&A* **333**, 231
- Bica, E., Dutra, C. M., Soares, J., et Barbuy, B. : 2003, *New infrared star clusters in the Northern and Equatorial Milky Way with 2MASS*, *A&A* **404**, 223
- Blaauw, A. : 1956, *On the Luminosities, Motions, and Space Distribution of the Nearer Northern O-B5 Stars*, *ApJ* **123**, 408
- Blaauw, A. : 1963, *Basic Astronomical Data*, éd. K. A. Strand, vol. 3, 406
- Blaauw, A. : 1964, *The O Associations in the Solar Neighborhood*, *ARA&A* **2**, 213
- Blaauw, A. : 1995, Stellar Evolution and the Population Concept after 1950 ; The Vatican Conference, in *IAU Symp. 164 : Stellar Populations*, pp 39-+
- Blaauw, A. et Morgan, W. W. : 1953, *Expanding Motions in the Lacerta Aggregate*, *ApJ* **117**, 256
- Blair, W. P., Morse, J. A., Raymond, J. C., Kirshner, R. P., Hughes, J. P., Dopita, M. A., Sutherland, R. S., Long, K. S., et Winkler, P. F. : 2000, *Hubble Space Telescope Observations of Oxygen-rich Supernova Remnants in the Magellanic Clouds. II. Elemental Abundances in N132D and 1E 0102.2-7219*, *ApJ* **537**, 667
- Bok, B. J. : 1964, A young association in the Large Magellanic Cloud, in *IAU Symp. 20 : The Galaxy and the Magellanic Clouds*, pp 335-+
- Bonnarel, F., Fernique, P., Bienaymé, O., Egret, D., Genova, F., Louys, M., Ochsenbein, F., Wenger, M., et Bartlett, J. G. : 2000, *The ALADIN interactive sky atlas. A reference tool for identification of astronomical sources*, *A&AS* **143**, 33
- Borgman, J. : 1960, *Seven-Colour Photometry of O, B and A Stars*, *Bull. Astron. Inst. Netherlands* **15**, 255

- Borne, K. D. : 2001, Data Mining in Astronomical Databases, in *Mining the Sky*, pp 671–+
- Bosch, G. L., Morrell, N. I., et Niemelä, V. S. : 1999, *Stellar Spectroscopy in NGC 6611 : Binary Frequency and New Spectral Types of Several Early Type Stars*, *Revista Mexicana de Astronomía y Astrofísica* **35**, 85
- Bouchet, P., Schmider, F. X., et Manfroid, J. : 1991, *JHKLM standard stars in the ESO system*, *A&AS* **91**, 409
- Bowen, I. S. : 1927, *The Origin of the Chief Nebular Lines*, *PASP* **39**, 295
- Bowen, I. S. : 1928, *The origin of the nebular lines and the structure of the planetary nebulae*, *ApJ* **67**, 1
- Boyce, P. B. : 1998, Urania, a Linked, Distributed Resource for Astronomy, in *ASP Conf. Ser. 153 : Library and Information Services in Astronomy III*, pp 107–+
- Braun, J. M., Bomans, D. J., Will, J., et de Boer, K. S. : 1997, *No stellar age gradient inside supergiant shell LMC4*, *A&A* **328**, 167
- Braun, J. M., de Boer, K. S., et Altmann, M. : 2000, *The stars near the centre of supergiant shell LMC4 : Further constraints on triggering scenarios*, *ArXiv Astrophysics e-prints astro-ph/0006060*
- Briot, D., Robichon, N., et Hubert, A. M. : 1997, Absolute Magnitudes of Be Stars, in *ESA SP-402 : Hipparcos - Venice '97*, pp 319–322
- Brown, A. G. A., Blaauw, A., Hoogerwerf, R., de Bruijne, J. H. J., et de Zeeuw, P. T. : 1999, *OB associations*, Vol. 540, eds C.J. Lada et N.D. Kylafis, NATO-ASI Series C, *astro-ph/9902234*
- Brumfiel, G. : 2002, *The heavens at your fingertips*, *Nature* **420**, 262
- Brunner, R. J., Djorgovski, S. G., et Szalay, A. S. (eds.) : 2001a, *Virtual Observatories of the Future*
- Brunner, R. J., Djorgovski, S. J., et Szalay, A. S. : 2001b, The US NVO White Paper : Toward a National Virtual Observatory : Science Goals, Technical Challenges, and Implementation Plan, in *ASP Conf. Ser. 225 : Virtual Observatories of the Future*, pp 353–+
- Bucciarelli, B., García Yus, J., Casalegno, R., Postman, M., Lasker, B. M., Sturch, C., Lattanzi, M. G., McLean, B. J., Costa, E., Falasca, A., Le Poole, R., Massone, G., Potter, M., Rosenberg, A., Borgman, T., Doggett, J., Morrison, J., Pizzuti, A., Pompei, E., Rehner, D., Siciliano, L., et Wolfe, D. : 2001, *An all-sky set of (B)-V-R photometric calibrators for Schmidt surveys. GSPC2.1 : First release*, *A&A* **368**, 335
- Budavári, T., Malik, T., Szalay, A. S., Thakar, A. R., et Gray, J. : 2003, SkyQuery – A Prototype Distributed Query Web Service for the Virtual Observatory, in *ASP Conf. Ser. 295 : Astronomical Data Analysis Software and Systems XII*, pp 31–+
- Burgasser, A. J., Kirkpatrick, J. D., Cutri, R. M., McCallon, H., Kopan, G., Gizis, J. E., Liebert, J., Reid, I. N., Brown, M. E., Monet, D. G., Dahn, C. C., Beichman, C. A., et Skrutskie, M. F. : 2000, *Discovery of a Brown Dwarf Companion to Gliese 570ABC : A 2MASS T Dwarf Significantly Cooler than Gliese 229B*, *ApJ* **531**, L57
- Buscombe, W. : 1969, *Line strengths for southern OB stars-II. Observations with mode-*

- rate dispersion, *MNRAS* **144**, 31
- Caplan, J. et Deharveng, L. : 1986, *Extinction and reddening of H II regions in the Large Magellanic Cloud*, *A&A* **155**, 297
- Carpenter, J. M. : 2001, *Color Transformations for the 2MASS Second Incremental Data Release*, *AJ* **121**, 2851
- Carter, B. S. : 1990, *Southern JHKL standards*, *MNRAS* **242**, 1
- Casali, M. et Hawarden, T. : 1992, *The JCMT-UKIRT Newsletter No. 4*, 33
- Castor, J., McCray, R., et Weaver, R. : 1975, *Interstellar bubbles*, *ApJ* **200**, L107
- Chandrasekhar, S. et Münch, G. : 1950, *On the Integral Equation Governing the Distribution of the True and the Apparent Rotational Velocities of Stars*, *ApJ* **111**, 142
- Chini, R. et Krügel, E. : 1985, *Cocoon stars in M 17*, *A&A* **146**, 175
- Chu, Y. : 1997, *Supernova Remnants in OB Associations*, *AJ* **113**, 1815
- Chu, Y. et Kennicutt, R. C. : 1988, *Environments and populations of supernova remnants in the Large Magellanic Cloud*, *AJ* **96**, 1874
- Chu, Y., Low, M. M., Garcia-Segura, G., Wakker, B., et Kennicutt, R. C. : 1993, *Hidden supernova remnants in the Large Magellanic Cloud H II complex N44*, *ApJ* **414**, 213
- Chu, Y. et Mac Low, M. : 1990, *X-rays from superbubbles in the Large Magellanic Cloud*, *ApJ* **365**, 510
- Cioni, M.-R., Loup, C., Habing, H. J., Fouqué, P., Bertin, E., Deul, E., Egret, D., Alard, C., de Batz, B., Borsenberger, J., Dennefeld, M., Epchtein, N., Forveille, T., Garzón, F., Hron, J., Kimeswenger, S., Lacombe, F., Le Bertre, T., Mamon, G. A., Omont, A., Paturel, G., Persi, P., Robin, A., Rouan, D., Simon, G., Tiphène, D., Vauglin, I., et Wagner, S. : 2000a, *The DENIS Point Source Catalogue towards the Magellanic Clouds*, *A&AS* **144**, 235
- Cioni, M.-R. L., Habing, H. J., et Israel, F. P. : 2000b, *The morphology of the Magellanic Clouds revealed by stars of different age : results from the DENIS survey*, *A&A* **358**, L9
- Cioni, M.-R. L., van der Marel, R. P., Loup, C., et Habing, H. J. : 2000c, *The tip of the red giant branch and distance of the Magellanic Clouds : results from the DENIS survey*, *A&A* **359**, 601
- Code, A. D. : 1993, Photocells ; Hot Stars and Spiral Arms, in *ASP Conf. Ser. 35 : Massive Stars : Their Lives in the Interstellar Medium*, pp 3–+
- Collins II, G. W. : 1974, *Calculation of Theoretical Rotational Line Profiles for the Determination of $V \sin i$ in the Spectral Range 09-F8*, *ApJ* **191**, 157
- Collins II, G. W. et Sonneborn, G. H. : 1977, *Some effects of rotation on the spectra of upper-main-sequence stars*, *ApJS* **34**, 41
- Collins II, G. W., Truax, R. J., et Cranmer, S. R. : 1991, *Model atmospheres for rotating B stars*, *ApJS* **77**, 541
- Comerón, F. : 1997, *Dynamical evolution of wind-driven HII regions in strong density gradients*, *A&A* **326**, 1195

- Comerón, F. et Kaper, L. : 1998, *Numerical simulations of wind bow shocks produced by runaway OB stars*, *A&A* **338**, 273
- Conti, P. S. : 1986, Parameters of Wolf-Rayet stars, in *IAU Symp. 116 : Luminous Stars and Associations in Galaxies*, pp 199–212
- Cramer, N. : 1997, Absolute Magnitude Calibration of Geneva Photometry : B-type Stars, in *ESA SP-402 : Hipparcos - Venice '97*, pp 311–314
- Cramer, N. : 1999, *Calibrations for B-type stars in the Geneva photometric system*, *New Astronomy Review* **43**, 343
- Dahn, C. C., Harris, H. C., Vrba, F. J., Guetter, H. H., Canzian, B., Henden, A. A., Levine, S. E., Luginbuhl, C. B., Monet, A. K. B., Monet, D. G., Pier, J. R., Stone, R. C., Walker, R. L., Burgasser, A. J., Gizis, J. E., Kirkpatrick, J. D., Liebert, J., et Reid, I. N. : 2002, *Astrometry and Photometry for Cool Dwarfs and Brown Dwarfs*, *AJ* **124**, 1170
- Davies, R. D., Elliott, K. H., et Meaburn, J. : 1976, *The nebular complexes of the large and small Magellanic Clouds*, *MmRAS* **81**, 89
- de Geus, E. J. : 1990, Problems in photometry of early-type stars, in *ASP Conf. Ser. 7 : Properties of Hot Luminous Stars*, pp 3–15
- de Graauw, T. : 1993, Infrared Astronomy with Satellites, in *Infrared Astronomy*, pp 379–+
- de Jager, C. : 1980, *The brightest stars*, *Geophysics and Astrophysics Monographs* **19**
- de Zeeuw, P. T., Hoogerwerf, R., de Bruijne, J. H. J., Brown, A. G. A., et Blaauw, A. : 1999, *A HIPPARCOS Census of the Nearby OB Associations*, *AJ* **117**, 354
- Delfosse, X., Tinney, C. G., Forveille, T., Epchtein, N., Bertin, E., Borsenberger, J., Copet, E., de Batz, B., Fouque, P., Kimeswenger, S., Le Bertre, T., Lacombe, F., Rouan, D., et Tiphene, D. : 1997, *Field brown dwarfs found by DENIS*, *A&A* **327**, L25
- Delmotte**, N. et Comerón, F. : 2003, *Near-infrared absolute magnitude calibration for B-type stars*, *A&A*, submitted
- Delmotte**, N., Egret, D., Loup, C., et Cioni, M.-R. : 2001a, Cross-identification of Dense Stellar Catalogues towards the Magellanic Clouds, in *JENAM 2001, Joint Discussion Virtual Observatory, September 10–15, Munich, Astronomische Gesellschaft Meeting Abstracts*, pp 240–+
- Delmotte**, N., Egret, D., Loup, C., et Cioni, M.-R. : 2001b, Cross-matching DENIS and 2MASS point sources toward the Magellanic Clouds, in *Proc. SPIE Vol. 4477, Astronomical Data Analysis, San Diego, August 2001, Jean-Luc Starck; Fionn D. Murtagh ; Eds.*, pp 301–312
- Delmotte**, N., Egret, D., Loup, C., et Cioni, M.-R. : 2002a, The Master Catalogue of stars towards the Magellanic Clouds, in *Toward an International Virtual Observatory - Scientific Motivation, Roadmap for Development and Current Status, Garching bei München, Germany, June 10–14, ESO Astrophysics Symposia*, Springer-Verlag series
- Delmotte**, N., Loup, C., Egret, D., Cioni, M.-R., et Pierfederici, F. : 2002b, *The Master Catalogue of stars towards the Magellanic Clouds. I. Multispectral surveys of the Large Magellanic Cloud*, *A&A* **396**, 143

- Dickel, J. R. et Milne, D. K. : 1998, *Five Mature Supernova Remnants in the Large Magellanic Cloud*, *AJ* **115**, 1057
- Djorgovski, S. G., Brunner, R. J., Mahabal, A. A., Odewahn, S. C., de Carvalho, R. R., Gal, R. R., Stolorz, P., Granat, R., Curkendall, D., Jacob, J., et Castro, S. : 2001, Exploration of Large Digital Sky Surveys, in *Mining the Sky*, pp 305–+
- Dolphin, A. E. et Hunter, D. A. : 1998, *Recent Star Formation in Shapley Constellation III in the Large Magellanic Cloud*, *AJ* **116**, 1275
- Dommangé, J. et Nys, O. : 2002, *CCDM (Catalog of Components of Double and Multiple stars (Dommangé+ 2002), VizieR Online Data Catalog* **1274**, 0
- Dopita, M. A., Mathewson, D. S., et Ford, V. L. : 1985, *Shapley constellation III - A region of self-propagating star formation*, *ApJ* **297**, 599
- Duchêne, G., Simon, T., Eisloffel, J., et Bouvier, J. : 2001, *Visual binaries among high-mass stars. An adaptive optics survey of OB stars in the NGC 6611 cluster*, *A&A* **379**, 147
- Dyson, J. E. et Williams, D. A. : 1997, *The physics of the interstellar medium*, The physics of the interstellar medium. Edition : 2nd ed. Publisher : Bristol : Institute of Physics Publishing, 1997. Edited by J. E. Dyson and D. A. Williams. Series : The graduate series in astronomy. ISBN : 0750303069
- Efremov, Y. N. : 1995, *Star Complexes and Associations : Fundamental and Elementary Cells of Star Formation*, *AJ* **110**, 2757
- Efremov, Y. N. et Elmegreen, B. G. : 1998a, *Hierarchical star formation from the time-space distribution of star clusters in the Large Magellanic Cloud*, *MNRAS* **299**, 588
- Efremov, Y. N. et Elmegreen, B. G. : 1998b, *Triggered star formation in the LMC4/Constellation III region of the Large Magellanic Cloud*, *MNRAS* **299**, 643
- Egret, D. : 2001, Extracting Knowledge from Very Large Datasets in a Multi-Wavelength Context, in *Mining the Sky*, pp 656–+
- Eichhorn, G. et Kurtz, M. J. : 2002, From Urania to the Astronomical Virtual Observatory (AVO), in *ASP Conf. Ser.* **281** : *Astronomical Data Analysis Software and Systems XI*, pp 441–+
- Elias, J. H., Frogel, J. A., Hyland, A. R., et Jones, T. J. : 1983, *Comparison of the Mt. Stromlo/AAO and Caltech/Tololo infrared photometric systems*, *AJ* **88**, 1027
- Elias, J. H., Frogel, J. A., Matthews, K., et Neugebauer, G. : 1982, *Infrared standard stars*, *AJ* **87**, 1029
- Elliott, K. H., Goudis, C., Meaburn, J., et Pilkington, J. : 1978, *A giant H II ring and energetic stellar winds in the Large Magellanic Cloud*, *Ap&SS* **55**, 475
- Engels, D., Sherwood, W. A., Wamsteker, W., et Schultz, G. V. : 1981, *Infrared Observations of Southern Bright Stars*, *A&AS* **45**, 5
- Epcstein, N., de Batz, B., Capoani, L., Chevallier, L., Copet, E., Fouque, P., Lacombe, F., Le Bertre, T., Pau, S., Rouan, D., Ruphy, S., Simon, G., Tiphene, D., Burton, W. B., Bertin, E., Deul, E., Habing, H., Borsenberger, J., Dennefeld, M., Guglielmo, F., Loup, C., Mamon, G., Ng, Y., Omont, A., Provost, L., Renault, J.-C., Tanguy, F., Kimeswenger,

- S., Kienel, C., Garzon, F., Persi, P., Ferrari-Toniolo, M., Robin, A., Paturel, G., Vauglin, I., Forveille, T., Delfosse, X., Hron, J., Schultheis, M., Appenzeller, I., Wagner, S., Balazs, L., Holl, A., Lepine, J., Boscolo, P., Picazzio, E., Duc, P.-A., et Mennessier, M.-O. : 1997, *The Deep Near-Infrared Southern Sky Survey (DENIS)*, *The Messenger* **87**, 27
- ESA : 1997, *The Hipparcos and Tycho Catalogues (ESA SP-1200)*, *VizieR Online Data Catalog : I/239*
- Evans, D. S. : 1966, *Fundamental data for Southern stars (6th list)*, *Royal Greenwich Observatory Bulletin* **110**, 185
- Fan, X., White, R. L., Davis, M., Becker, R. H., Strauss, M. A., Haiman, Z., Schneider, D. P., Gregg, M. D., Gunn, J. E., Knapp, G. R., Lupton, R. H., Anderson, J. E., Anderson, S. F., Annis, J., Bahcall, N. A., Boroski, W. N., Brunner, R. J., Chen, B., Connolly, A. J., Csabai, I., Doi, M., Fukugita, M., Hennessy, G. S., Hindsley, R. B., Ichikawa, T., Ivezić, Ž., Loveday, J., Meiksin, A., McKay, T. A., Munn, J. A., Newberg, H. J., Nichol, R., Okamura, S., Pier, J. R., Sekiguchi, M., Shimasaku, K., Stoughton, C., Szalay, A. S., Szokoly, G. P., Thakar, A. R., Vogeley, M. S., et York, D. G. : 2000, *The Discovery of a Luminous Z=5.80 Quasar from the Sloan Digital Sky Survey*, *AJ* **120**, 1167
- Fasano, G. et Franceschini, A. : 1987, *A multidimensional version of the Kolmogorov-Smirnov test*, *MNRAS* **225**, 155
- Feast, M. W., Thackeray, A. D., et Wesselink, A. J. : 1955, *Radial velocities of Southern B stars determined at the Radcliffe Observatory*, *MmRAS* **67**, 51
- Feast, M. W., Thackeray, A. D., et Wesselink, A. J. : 1960, *The brightest stars in the Magellanic Clouds*, *MNRAS* **121**, 337
- Fernique, P., Ochsenbein, F., et Wenger, M. : 1998, CDS GLU, a Tool for Managing Heterogeneous Distributed Web Services, in *ASP Conf. Ser. 145 : Astronomical Data Analysis Software and Systems VII*, pp 466–+
- Filipović, M. D., Pietsch, W., Haynes, R. F., White, G. L., Jones, P. A., Wielebinski, R., Klein, U., Dennerl, K., Kahabka, P., et Lazendic, J. S. : 1998, *A radio continuum study of the Magellanic Clouds. VI. Discrete sources common to radio and X-ray surveys of the Magellanic Clouds*, *A&AS* **127**, 119
- Finlator, K., Ivezić, Ž., Fan, X., Strauss, M. A., Knapp, G. R., Lupton, R. H., Gunn, J. E., Rockosi, C. M., Anderson, J. E., Csabai, I., Hennessy, G. S., Hindsley, R. B., McKay, T. A., Nichol, R. C., Schneider, D. P., Smith, J. A., York, D. G., et the SDSS Collaboration : 2000, *Optical and Infrared Colors of Stars Observed by the Two Micron All Sky Survey and the Sloan Digital Sky Survey*, *AJ* **120**, 2615
- Foster, I. et Kesselman, C. : 1999, *The Grid : Blueprint for a New Computing Infrastructure*, San Francisco, CA : Morgan Kaufmann
- Foster, I., Kesselman, C., et Tuecke, S. : 2001, *The Anatomy of the Grid : Enabling Scalable Virtual Organizations, Lecture Notes in Computer Science* **2150**, 1
- Franco, J., Tenorio-Tagle, G., et Bodenheimer, P. : 1990, *On the formation and expansion of H II regions*, *ApJ* **349**, 126
- Franco, J., Tenorio-Tagle, G., Bodenheimer, P., et Różyczka, M. : 1991, *Evolution of*

- supernova remnants inside preexisting wind-driven cavities, PASP 103*, 803
- Frawley, W., Piatetsky-Shapiro, G., et Matheus, C. : 1992, *Knowledge Discovery in Databases : An Overview*, *AI Magazine* pp 213–228
- Frogel, J. A. : 1984, *The stellar population of the Magellanic clouds - A selective review*, *PASP 96*, 856
- Frogel, J. A., Mould, J., et Blanco, V. M. : 1990, *The asymptotic giant branch of Magellanic Cloud clusters*, *ApJ 352*, 96
- Frogel, J. A., Persson, S. E., Matthews, K., et Aaronson, M. : 1978, *Photometric studies of composite stellar systems. I - CO and JHK observations of E and S0 galaxies*, *ApJ 220*, 75
- Fürst, E., Reich, W., Beck, R., Hirth, W., et Angerhofer, P. E. : 1982, *Radio observations of small diameter sources in the field of the supernova remnant S147*, *A&A 115*, 428
- Fukuda, N. et Hanawa, T. : 2000, *Sequential Star Formation Triggered by Expansion of an H II Region*, *ApJ 533*, 911
- Gallart, C. : 1998, *Observational Discovery of the Asymptotic Giant Branch Bump in Densely Populated Color-Magnitude Diagrams of Galaxies and Star Clusters*, *ApJ 495*, L43+
- García, B. et Mermilliod, J. C. : 2001, *High-mass binaries in the very young open cluster NGC 6231. Implication for cluster and star formation*, *A&A 368*, 122
- Garmany, C. D. : 1990, Is there an absolute magnitude calibration for O-type stars?, in *ASP Conf. Ser. 7 : Properties of Hot Luminous Stars*, pp 16–22
- Garmany, C. D. : 1991, Massive star clusters and OB associations, in *ASP Conf. Ser. 13 : The Formation and Evolution of Star Clusters*, pp 23–34
- Garmany, C. D. : 1994, *OB associations : Massive stars in context*, *PASP 106*, 25
- Garmany, C. D., Conti, P. S., et Massey, P. : 1980, *Spectroscopic studies of O type stars. IX - Binary frequency*, *ApJ 242*, 1063
- Garmany, C. D. et Stencel, R. E. : 1992, *Galactic OB associations in the northern Milky Way Galaxy. I - Longitudes 55 deg to 150 deg*, *A&AS 94*, 211
- Garnett, D. R., Galarza, V. C., et Chu, Y. : 2000, *The HE II Emitting Nebula N44C in the Large Magellanic Cloud : Optical/Ultraviolet Spectroscopy of the Nebula and Its Ionizing Star*, *ApJ 545*, 251
- Garnett, D. R., Kennicutt, R. C., Chu, Y., et Skillman, E. D. : 1991, *He II emission in extragalactic H II regions*, *ApJ 373*, 458
- Garrison, R. F. : 1967, *Some Characteristics of the B and A Stars in the Upper Scorpius Complex*, *ApJ 147*, 1003
- Garrison, R. F. et Gray, R. O. : 1994, *The late B-type stars : Refined MK classification, confrontation with stromgren photometry, and the effects of rotation*, *AJ 107*, 1556
- Genova, F., Egret, D., Bienaymé, O., Bonnarel, F., Dubois, P., Fernique, P., Jasniewicz, G., Lesteven, S., Monier, R., Ochsenbein, F., et Wenger, M. : 2000, *The CDS information hub. On-line services and links at the Centre de Données astronomiques de Strasbourg*,

- A&AS* **143**, 1
- Gibson, B. K. : 2000, *The distance to the Large Magellanic Cloud*, *Memorie della Societa Astronomica Italiana* **71**, 693
- Gilmore, G. : 2001, OPTICON and the Virtual Observatory, in *Mining the Sky*, pp 689–+
- Giommi, P. et Ansari, S. : 1994, The European Space Information System (ESIS), in *ASP Conf. Ser. 61 : Astronomical Data Analysis Software and Systems III*, pp 22–+
- Girardi, L., Bressan, A., Bertelli, G., et Chiosi, C. : 2000, *Evolutionary tracks and isochrones for low- and intermediate-mass stars : From 0.15 to 7 M_{sun}, and from Z=0.0004 to 0.03*, *A&AS* **141**, 371
- Glass, I. S. : 1974, *JHKL Photometry of 145 Southern Stars [errata : 1974MNSSA..33...71G]*, *Monthly Notes of the Astronomical Society of South Africa* **33**, 53
- Glass, I. S. : 1985, *Some basics of JHKLM photometry*, *Irish Astronomical Journal* **17**, 1
- Glass, I. S. : 1999, *Handbook of infrared astronomy, Highlights in Astronomy*
- Golay, M. : 1968, *Les effets de la rotation des étoiles dans les diagrammes de la photométrie en plusieurs couleurs*, *Publ. Obs. Genève série A*, fascicule 75
- Good, J. C. : 1992, Overview of the Astrophysics Data System (ADS), in *ASP Conf. Ser. 25 : Astronomical Data Analysis Software and Systems I*, pp 35–+
- Gosset, E. : 1987, *A three-dimensional extended Kolmogorov-Smirnov test as a useful tool in astronomy*, *A&A* **188**, 258
- Goudis, C. et Meaburn, J. : 1978, *Four super-giant shells in the Large Magellanic Cloud*, *A&A* **68**, 189
- Gouliermis, D., Kontizas, M., Kontizas, E., et Korakitis, R. : 2003, *OB stellar associations in the Large Magellanic Cloud : Survey of young stellar systems*, *A&A* **405**, 111
- Gouliermis, D., Kontizas, M., Korakitis, R., Morgan, D. H., Kontizas, E., et Dapergolas, A. : 2000, *OB Stellar Associations in the Large Magellanic Cloud : Identification Method*, *AJ* **119**, 1737
- Gray, D. F. : 1992, *The observation and analysis of stellar photospheres*, Cambridge Astrophysics Series, Cambridge : Cambridge University Press, 1992, 2nd ed., ISBN 0521403200
- Grebel, E. K. et Brandner, W. : 1998, The Recent Star Formation History of the Large Magellanic Cloud, in *The Magellanic Clouds and Other Dwarf Galaxies, Proceedings of the Bonn/Bochum-Graduiertenkolleg Workshop, held at the Physikzentrum Bad Honnef, Germany, January 19-22, 1998*, Eds. : T. Richtler and J.M. Braun, Shaker Verlag, Aachen, ISBN 3-8265-4457-9, p. 151-154, pp 151–154
- Groenewegen, M. A. T. : 2000, *LMC and SMC Cepheids : combining OGLE with DENIS and 2MASS infrared data*, *A&A* **363**, 901
- Hanson, M. M., Conti, P. S., et Rieke, M. J. : 1996, *A Spectral Atlas of Hot, Luminous Stars at 2 Microns*, *ApJS* **107**, 281
- Harmanec, P. : 1988, *Stellar masses and radii based on modern binary data*, *Bulletin of*

- the Astronomical Institutes of Czechoslovakia* **39**, 329
- Harris, J. et Zaritsky, D. : 1999, *On the Spatial Distribution of Stellar Populations in the Large Magellanic Cloud*, *AJ* **117**, 2831
- Heikkila, C. W., McGlynn, T. A., et White, N. E. : 1999, Astrobrowse : a Web Agent for Querying Astronomical Databases, in *ASP Conf. Ser. 172 : Astronomical Data Analysis Software and Systems VIII*, pp 221–+
- Henize, K. G. : 1956, *Catalogues of H_α-EMISSION Stars and Nebulae in the Magellanic Clouds*, *ApJS* **2**, 315
- Hill, R. J., Madore, B. F., et Freedman, W. L. : 1994, *The initial mass function for massive stars in the Magellanic Clouds. 3 : Luminosity and mass functions for 14 OB associations*, *ApJ* **429**, 204
- Hiltner, W. A. : 1956, *Photometric, Polarization, and Spectrographic Observations of O and B Stars*, *ApJS* **2**, 389
- Hiltner, W. A., Garrison, R. F., et Schild, R. E. : 1969, *MK Spectral Types for Bright Southern OB Stars*, *ApJ* **157**, 313
- Hodge, P. W. : 1961, *Studies of the Large Magellanic Cloud. VI. Properties of 1057 Field Stars*, *ApJS* **6**, 235
- Hodge, P. W. et Lucke, P. B. : 1970, *The System of Stellar Associations of the Large Magellanic Cloud*, *AJ* **75**, 933
- Houk, N. et al. : 1975, 1978, 1982, 1988, 1999, *Michigan Catalogue of Two-Dimensional spectral types for the HD stars*, *Michigan Spectral Survey* vol. 1, vol. 2, vol. 3, vol. 4, vol. 5
- Hubble, E. : 1936, *The Luminosity Function of Nebulae. I. The Luminosity Function of Resolved Nebulae as Indicated by Their Brightest Stars*, *ApJ* **84**, 158
- Hughes, J. P., Helfand, D. J., et Kahn, S. M. : 1984, *Interpretation of the number versus diameter distribution for supernova remnants in the Large Magellanic Cloud*, *ApJ* **281**, L25
- Hunt, L. K., Mannucci, F., Testi, L., Migliorini, S., Stanga, R. M., Baffa, C., Lisi, F., et Vanzi, L. : 1998, *Northern JHK Standard Stars for Array Detectors*, *AJ* **115**, 2594
- Hunter, D. A. : 1994, *Imaging and spectroscopy of ionized shells and supershells in the Large Magellanic Cloud*, *AJ* **107**, 565
- Ibata, R. A., Gilmore, G., et Irwin, M. J. : 1995, *Sagittarius : the nearest dwarf galaxy*, *MNRAS* **277**, 781
- Ivanov, V. D., Borissova, J., Peshev, P., Ivanov, G. R., et Kurtev, R. : 2002, *Discovery of new Milky Way star clusters candidates in the 2MASS point source catalog*, *A&A* **394**, L1
- Jaschek, C. : 1989, *Data in astronomy*, Cambridge : University Press, 1989
- Jaschek, C. et Gómez, A. E. : 1998, *The absolute magnitude of the early type MK standards from HIPPARCOS parallaxes*, *A&A* **330**, 619
- Jaschek, C. et Jaschek, M. : 1966, *On the Accuracy Attainable in the MK System*, in *IAU*
-

- Symp. 24 : *Spectral Classification and Multicolour Photometry*, pp 6-+
- Jaschek, C. et Jaschek, M. : 1987, *The classification of stars*, Cambridge : University Press, 1987
- Johnson, H. L. : 1962, *Infrared Stellar Photometry*, *ApJ* **135**, 69
- Johnson, H. L. : 1964, *The colors, bolometric corrections and effective temperature of the bright stars*, *Boletin de los Observatorios Tonantzintla y Tacubaya* **3**, 305
- Jones, T. J. et Hyland, A. R. : 1982, *Multiaperture JHK photometry of the globular clusters in the Fornax dwarf spheroidal galaxy*, *MNRAS* **200**, 509
- Kaler, J. B. : 1989, *Stars and their spectra. An introduction to spectral sequence*, Cambridge : Cambridge University Press, —c1989
- Kim, S., Chu, Y., Staveley-Smith, L., et Smith, R. C. : 1998, *The Multiphase Medium in the Interstellar Complex N44*, *ApJ* **503**, 729
- Kirkpatrick, J. D. : 1998, Spectroscopic Properties of Ultra-cool Dwarfs and Brown Dwarf (invited review), in *ASP Conf. Ser. 134 : Brown Dwarfs and Extrasolar Planets*, pp 405-+
- Kirkpatrick, J. D., Reid, I. N., Liebert, J., Cutri, R. M., Nelson, B., Beichman, C. A., Dahn, C. C., Monet, D. G., Gizis, J. E., et Skrutskie, M. F. : 1999, *Dwarfs Cooler than "M" : The Definition of Spectral Type "L" Using Discoveries from the 2 Micron All-Sky Survey (2MASS)*, *ApJ* **519**, 802
- Kontizas, M., Kontizas, E., Dapergolas, A., Argyropoulos, S., et Bellas-Velidis, Y. : 1994, *Stellar associations in the Large Magellanic Cloud. I. LH 15, LH 47, 48, 49, LH 52, 53, LH 83, LH 91, 95.*, *A&AS* **107**, 77
- Kontizas, M., Maravelias, S. E., Kontizas, E., Dapergolas, A., et Bellas-Velidis, I. : 1996, *Morphology and stellar content of complexes in the LMC*, *A&A* **308**, 40
- Koornneef, J. : 1983, *Near-infrared photometry. II - Intrinsic colours and the absolute calibration from one to five micron*, *A&A* **128**, 84
- Krauter, K., Buyya, R., et Maheswaran, M. : 2002, *A taxonomy and survey of grid resource management systems for distributed computing*, *Software-Practice and Experience* **32(2)**, 135
- Kunszt, P. Z., Szalay, A. S., et Thakar, A. R. : 2001, The Hierarchical Triangular Mesh, in *Mining the Sky*, pp 631-+
- Kurtz, M. J., Eichhorn, G., Accomazzi, A., Grant, C. S., Murray, S. S., et Watson, J. M. : 2000, *The NASA Astrophysics Data System : Overview*, *A&AS* **143**, 41
- Lada, C. J. et Lada, E. A. : 1991, The nature, origin and evolution of embedded star clusters, in *ASP Conf. Ser. 13 : The Formation and Evolution of Star Clusters*, pp 3-48676
- Lamers, H. J. G. L. M., Harzevoort, J. M. A. G., Schrijver, H., Hoogerwerf, R., et Kudritzki, R. P. : 1997, *The effect of rotation on the absolute visual magnitudes of OB stars measured with Hipparcos*, *A&A* **325**, L25
- Lasker, B. M. : 1979, *The shell nebulae in the Magellanic Clouds - A survey in forbidden*

- S II, H-alpha, and forbidden O III, PASP 91*, 153
- Leavitt, H. : 1912, *Harvard College Obs. Circ.* 173
- Leggett, S. K., Golimowski, D. A., Fan, X., Geballe, T. R., Knapp, G. R., Brinkmann, J., Csabai, I., Gunn, J. E., Hawley, S. L., Henry, T. J., Hindsley, R., Ivezić, Ž., Lupton, R. H., Pier, J. R., Schneider, D. P., Smith, J. A., Strauss, M. A., Uomoto, A., et York, D. G. : 2002, *Infrared Photometry of Late-M, L, and T Dwarfs*, *ApJ* **564**, 452
- Leinert, C., Zinnecker, H., Weitzel, N., Christou, J., Ridgway, S. T., Jameson, R., Haas, M., et Lenzen, R. : 1993, *A systematic approach for young binaries in Taurus*, *A&A* **278**, 129
- Leitherer, C. et Wolf, B. : 1984, *Early-type stars in OB associations in the infrared. I Extinction law and IR excesses*, *A&A* **132**, 151
- Lesh, J. R. : 1968, *The Kinematics of the Gould Belt : an Expanding Group?*, *ApJS* **17**, 371
- Loup, C., Delmotte, N., Egret, D., Cioni, M.-R., et Genova, F. : 2003, *On the usefulness of finding charts. Or the runaway carbon stars of the Blanco and McCarthy field* 37, *A&A* **402**, 801
- Lucke, P. B. et Hodge, P. W. : 1970, *A Catalogue of Stellar Associations in the Large Magellanic Cloud*, *AJ* **75**, 171
- Luri, X., Mennessier, M. O., Torra, J., et Figueras, F. : 1996, *A new maximum likelihood method for luminosity calibrations*, *A&AS* **117**, 405
- Maeder, A. : 1968, *Variation des effets de rotation stellaire le long de la séquence principale du diagramme HR*, *Publ. Obs. Genève série A*, fascicule 75
- Maeder, A. et Conti, P. S. : 1994, *Massive Star Populations in Nearby Galaxies*, *ARA&A* **32**, 227
- Maeder, A. et Mermilliod, J. C. : 1981, *The extent of mixing in stellar interiors - Evolutionary models and tests based on the HR diagrams of 34 open clusters*, *A&A* **93**, 136
- Magee, H. R. M., Dufton, P. L., Keenan, F. P., Rolleston, W. R. J., Kilkenny, D., O'Donoghue, D., Koen, C., Stobie, R. S., et Peterson, R. C. : 1998, *Rotational velocities of B-type stars from the Edinburgh-Cape survey*, *A&A* **338**, 85
- Magnier, E. A., Chu, Y., Points, S. D., Hwang, U., et Smith, R. C. : 1996, *X-Rays from Superbubbles in the Large Magellanic Cloud. IV. The Blowout Structure of N44*, *ApJ* **464**, 829
- Mahabal, A., Djorgovski, S. G., Brunner, R. J., et Williams, R. E. : 2001, Topic maps as a virtual observatory tool, in *Proc. SPIE Vol. 4477*, p. 161-172, *Astronomical Data Analysis, Jean-Luc Starck ; Fionn D. Murtagh ; Eds.*, pp 161–172
- Maragoudaki, F., Kontizas, M., Kontizas, E., Dapergolas, A., et Morgan, D. H. : 1998, *The LMC stellar complexes in luminosity slices. Star formation indicators*, *A&A* **338**, L29
- Martin, N., Prevot, L., Rebeirot, E., et Rousseau, J. : 1976, *Studies of the Large Magellanic Cloud. II - Distribution of supergiants, correlations with gas, and general stellar structure*, *A&A* **51**, 31

- Martin, P. G. et Whittet, D. C. B. : 1990, *Interstellar extinction and polarization in the infrared*, *ApJ* **357**, 113
- Mason, B. D., Gies, D. R., Hartkopf, W. I., Bagnuolo, W. G., Brummelaar, T. T., et McAlister, H. A. : 1998, *ICCD speckle observations of binary stars. XIX - an astrometric/spectroscopic survey of O stars*, *AJ* **115**, 821
- Massey, P. : 1985, *Wolf-Rayet stars in nearby galaxies - Tracers of the most massive stars*, *PASP* **97**, 5
- Massey, P. : 1990, The massive star content of the Magellanic Clouds, in *ASP Conf. Ser. 7 : Properties of Hot Luminous Stars*, pp 30–38
- Massey, P., Lang, C. C., Degioia-Eastwood, K., et Garmany, C. D. : 1995, *Massive stars in the field and associations of the magellanic clouds : The upper mass limit, the initial mass function, and a critical test of main-sequence stellar evolutionary theory*, *ApJ* **438**, 188
- Mathewson, D. S., Ford, V. L., Dopita, M. A., Tuohy, I. R., Long, K. S., et Helfand, D. J. : 1983, *Supernova remnants in the Magellanic Clouds*, *ApJS* **51**, 345
- McAlister, H. A., Mason, B. D., Hartkopf, W. I., et Shara, M. M. : 1993, *ICCD speckle observations of binary stars. X - A further survey for duplicity among the bright stars*, *AJ* **106**, 1639
- McGregor, P. J. : 1994, *The MSSSO near-infrared photometric system*, *PASP* **106**, 508
- McKee, C. F. : 1986, *The injection of energy into the interstellar medium by stars (Invited review)*, *Ap&SS* **118**, 383
- McKibben Nail, V. et Shapley, H. : 1953, , *Proc. Nat. Acad. Sci. of USA* **39**, 358
- McLean, B. J., Greene, G. R., Lattanzi, M. G., et Pirenne, B. : 2000, The Status of the Second Generation Digitized Sky Survey and Guide Star Catalog, in *ASP Conf. Ser. 216 : Astronomical Data Analysis Software and Systems IX*, pp 145–+
- McLean, I. S. : 1993, Infrared Instrumentation, in *Infrared Astronomy*, pp 335–+
- Meaburn, J. : 1971, *Observations of High Velocities in H II Regions with a Two-Etalon Fabry-Pérot Spectrometer*, *Ap&SS* **13**, 110
- Meaburn, J. : 1980, *The giant and supergiant shells of the Magellanic Clouds*, *MNRAS* **192**, 365
- Meaburn, J. et Laspis, V. N. : 1991, *The expansive motions of the giant shells in the N44 (DEM 150, 151, 152) interstellar complex in the Large Magellanic Cloud*, *A&A* **245**, 635
- Meyer, M. R., Edwards, S., Hinkle, K. H., et Strom, S. E. : 1998, *Near-Infrared Classification Spectroscopy : H-Band Spectra of Fundamental MK Standards*, *ApJ* **508**, 397
- Meynet, G. et Maeder, A. : 2000, *Stellar evolution with rotation. V. Changes in all the outputs of massive star models*, *A&A* **361**, 101
- Mignard, F. : 1997, Astrometric Properties of the HIPPARCOS Catalogue, in *ESA SP-402 : Hipparcos - Venice '97*, pp 5–10
- Miller, G. E. et Scalo, J. M. : 1979, *The initial mass function and stellar birthrate in the solar neighborhood*, *ApJS* **41**, 513

- Mills, B. Y., Turtle, A. J., Little, A. G., et Durdin, J. M. : 1984, *A new look at radio supernova remnants*, *Australian Journal of Physics* **37**, 321
- Mink, D. J. : 1997, WCSTools : Image World Coordinate System Utilities, in *ASP Conf. Ser. 125 : Astronomical Data Analysis Software and Systems VI*, pp 249–+
- Molnar, M. R. : 1972, *The Helium-Weak Stars*, *ApJ* **175**, 453
- Monet, D. B. A., Canzian, B., Dahn, C., Guetter, H., Harris, H., Henden, A., Levine, S., Luginbuhl, C., Monet, A. K. B., Rhodes, A., Riepe, B., Sell, S., Stone, R., Vrba, F., et Walker, R. : 1998, *The USNO-A2.0 Catalogue (Monet+ 1998)*, *VizieR Online Data Catalog* **1252**, 0
- Morgan, W. W., Hiltner, W. A., et Garrison, R. F. : 1971, *The H-R diagram of the alf Per cluster*, *AJ* **76**, 242
- Morgan, W. W., Sharpless, S., et Osterbrock, D. : 1952, *Some features of galactic structure in the neighborhood of the Sun*, *AJ* **57**, 3
- Morrell, N. et Levato, H. : 1991, *Spectroscopic binaries in the Orion OB1 association*, *ApJS* **75**, 965
- Morris, P. M. : 1961, *The Scorpio-Centaurus Association : II. Spectral types and luminosities of 220 O, B and A stars*, *MNRAS* **122**, 325
- Morris, P. W., Eenens, P. R. J., Hanson, M. M., Conti, P. S., et Blum, R. D. : 1996, *Infrared Spectra of Massive Stars in Transition : WNL, Of, Of/WN, Be, B[e], and Luminous Blue Variable Stars*, *ApJ* **470**, 597
- Morse, J. A. : 2003, HST Observations of Young, Oxygen-Rich Supernova Remnants, in *Revista Mexicana de Astronomia y Astrofisica Conference Series*, pp 243–245
- Morse, J. A., Blair, W. P., Dopita, M. A., Hughes, J. P., Kirshner, R. P., Long, K. S., Raymond, J. C., Sutherland, R. S., et Winkler, P. F. : 1996, *Hubble Space Telescope Observations of Oxygen-Rich Supernova Remnants in the Magellanic Cloud. I. Narrow-Band Imaging of N132D in the LMC*, *AJ* **112**, 509
- Morse, J. A., Winkler, P. F., et Kirshner, R. P. : 1995, *Spatially Resolved Kinematics and Longslit Spectroscopy of the Young, Oxygen-Rich Supernova Remnant N132D in the Large Magellanic Cloud*, *AJ* **109**, 2104
- Murphy, R. E. : 1969, *A spectroscopic investigation of visual binaries with B-type primaries*, *AJ* **74**, 1082
- Nazé, Y., Chu, Y., Guerrero, M. A., Oey, M. S., Gruendl, R. A., et Smith, R. C. : 2002, *Structure and Dynamics of Candidate O Star Bubbles in N44*, *AJ* **124**, 3325
- Neugebauer, G. et Leighton, R. B. : 1969, *Two-micron sky survey. A preliminary catalogue*, NASA SP, Washington : NASA, 1969
- Nikolaev, S. et Weinberg, M. D. : 2000, *Stellar Populations in the Large Magellanic Cloud from 2MASS*, *ApJ* **542**, 804
- Ochsenbein, F., Bauer, P., et Marcout, J. : 2000, *The VizieR database of astronomical catalogues*, *A&AS* **143**, 23
- Ochsenbein, F. et Ortiz, P. F. : 2001, Data Mining Across Heterogeneous Data, in *Mining*

- the Sky, pp 664–+
- O'Connell, D. J. K. : 1958, *Stellar populations, Proceedings of a Conference at Vatican Observatory, Castel Gandolfo, May 20–28, 1957*, Ricerche Astronomiche, vol 5, Specola Vaticana, Amsterdam : North-Holland, and New York : Interscience, 1958, edited by O'Connell, D.J.K.
- Oey, M. S., Dopita, M. A., Shields, J. C., et Smith, R. C. : 2000, *Calibration of Nebular Emission-Line Diagnostics. I. Stellar Effective Temperatures*, *ApJS* **128**, 511
- Oey, M. S. et Massey, P. : 1995, *Triggered Star Formation and the Dynamics of a Superbubble in the LMC : The OB Association LH 47/48 in DEM 152*, *ApJ* **452**, 210
- Oey, M. S. et Shields, J. C. : 2000, *Calibration of Nebular Emission-Line Diagnostics. II. Abundances*, *ApJ* **539**, 687
- Olsen, K. A. G., Hodge, P. W., Wilcots, E. M., et Pastwick, L. : 1997, *LH 72, the Center of Constellation III*, *ApJ* **475**, 545
- O'Mullane, W., Banday, A. J., Górski, K. M., Kunszt, P., et Szalay, A. S. : 2001, Splitting the Sky - HTM and HEALPix, in *Mining the Sky*, pp 638–+
- Ortiz, P. F. et Ochsenbein, F. : 2001, Mining the CDS Collection : A Learning Experience, in *Mining the Sky*, pp 677–+
- Ortiz, P. F., Ochsenbein, F., Wicenec, A., et Albrecht, M. : 1999, ESO/CDS Data-mining Tool Development Project, in *ASP Conf. Ser. 172 : Astronomical Data Analysis Software and Systems VIII*, pp 379–+
- Osterbrock, D. E. : 1989, *Astrophysics of gaseous nebulae and active galactic nuclei*, Research supported by the University of California, John Simon Guggenheim Memorial Foundation, University of Minnesota, et al. Mill Valley, CA, University Science Books, 1989, 422 p.
- Pakull, M. W. et Motch, C. : 1989, *Is N44C a fossil X-ray ionized nebula ?*, *Nature* **337**, 337
- Pannekoek, A. : 1929, *Publ. Astron. Inst. Amsterdam* No. 2, 63
- Peacock, J. A. : 1983, *Two-dimensional goodness-of-fit testing in astronomy*, *MNRAS* **202**, 615
- Petr, M. G., Coude Du Foresto, V., Beckwith, S. V. W., Richichi, A., et McCaughrean, M. J. : 1998, *Binary Stars in the Orion Trapezium Cluster Core*, *ApJ* **500**, 825
- Petrie, R. M. et Heard, J. F. : 1969, *The radial velocities and luminosities of 77 stars in the field of the alf Per cluster*, *Publications of the Dominion Astrophysical Observatory Victoria* **13**, 329
- Pierfederici, F. : 2001, Querator : an advanced multi-archive data mining tool, in *Proc. SPIE Vol. 4477, p. 246–253, Astronomical Data Analysis, Jean-Luc Starck ; Fionn D. Murtagh ; Eds.*, pp 246–253
- Pierfederici, F., Benvenuti, P., Micol, A., Pirenne, B., et Wicenec, A. : 2001, ASTROVIRTEL : Accessing Astronomical Archives as Virtual Telescopes, in *ASP Conf. Ser. 238 : Astronomical Data Analysis Software and Systems X*, pp 141–+

- Poinçot, P., Lesteven, S., et Murtagh, F. : 1998, *A spatial user interface to the astronomical literature*, *A&AS* **130**, 183
- Preibisch, T., Balega, Y., Hofmann, K., Weigelt, G., et Zinnecker, H. : 1999, *Multiplicity of the massive stars in the Orion Nebula cluster*, *New Astronomy* **4**, 531
- Press, W. H., Teukolsky, S. A., Vetterling, W. T., et Flannery, B. P. : 2002, *Numerical Recipes in C++*, 2nde édition, Cambridge University Press, chap. 14, 625
- Quinn, P. J., Benvenuti, P., Diamond, P. J., Genova, F., Lawrence, A., et Mellier, Y. : 2002, *Astrophysical virtual observatory (AVO) : a progress report*, in *Virtual Observatories. Edited by Szalay, Alexander S. Proceedings of the SPIE, Volume 4846*, pp. 1-5 (2002)., pp 1-5
- Reed, B. C. : 1995, *Photometric and Spectroscopic Distances for OB Stars : A Comparison*, *PASP* **107**, 907
- Reeves, H. : 1994, *Dernières nouvelles du cosmos. Vers la première seconde*, Editions du Seuil, Sept. 1994, pages 28-38
- Reid, I. N., Burgasser, A. J., Cruz, K. L., Kirkpatrick, J. D., et Gizis, J. E. : 2001, *Near-Infrared Spectral Classification of Late M and L Dwarfs*, *AJ* **121**, 1710
- Rieke, G. H. et Lebofsky, M. J. : 1985, *The interstellar extinction law from 1 to 13 microns*, *ApJ* **288**, 618
- Rosado, M., Laval, A., Le Coarer, E., Georgelin, Y. P., Amram, P., Marcellin, M., Goldes, G., et Gach, J. L. : 1996, *Formation of the nebular complex N11 in the Large Magellanic Cloud*, *A&A* **308**, 588
- Royer, F., Grenier, S., Baylac, M.-O., Gómez, A. E., et Zorec, J. : 2002, *Rotational velocities of A-type stars in the northern hemisphere. II. Measurement of $v \sin i$* , *A&A* **393**, 897
- Rozanski, R. et Rowan-Robinson, M. : 1994, *The Accuracy of the Brightest Stars in Galaxies as Distance Indicators*, *MNRAS* **271**, 530
- Różyczka, M., Tenorio-Tagle, G., Franco, J., et Bodenheimer, P. : 1993, *On the evolution of supernova remnants. III - Off-centred supernova explosions in pre-existing wind-driven bubbles*, *MNRAS* **261**, 674
- Ruphy, S., Epchtein, N., Cohen, M., Copet, E., de Batz, B., Borsenberger, J., Fouque, P., Kimeswenger, S., Lacombe, F., Le Bertre, T., Rouan, D., et Tiphene, D. : 1997, *Stellar populations and inhomogeneities of the galactic plane from DENIS star counts*, *A&A* **326**, 597
- Sandage, A. et Tammann, G. A. : 1974, *Steps towards the Hubble constant. II. The brightest stars in late-type spiral galaxies*, *ApJ* **191**, 603
- Schild, R. E., Neugebauer, G., et Westphal, J. A. : 1971, *Interstellar absorption and color excess in SCO OB1*, *AJ* **76**, 237
- Schmitz, M., Helou, G., Dubois, P., LaGue, C., Madore, B., Corwin Jr., H. G., et Lesteven, S. : 1995, *NED and SIMBAD Conventions for Bibliographic Reference Code*, D. Egret & M. A. Albrecht (Eds), Kluwer Acad. Publ.
- Shajn, G. et Struve, O. : 1929, *On the rotation of the stars*, *MNRAS* **89**, 222

- Shatsky, N. et Tokovinin, A. : 2002, *The mass ratio distribution of B-type visual binaries in the Sco OB2 association*, *A&A* **382**, 92
- Shore, S. N. : 1993, The Variety of Massive Stars of the Upper Hertzsprung–Russell Diagram : A Guide for the Perplexed, in *ASP Conf. Ser. 35 : Massive Stars : Their Lives in the Interstellar Medium*, pp 186–+
- Simons, D. A. et Tokunaga, A. : 2002, *The Mauna Kea Observatories Near-Infrared Filter Set. I. Defining Optimal 1-5 Micron Bandpasses*, *PASP* **114**, 169
- Simonson III, S. C. : 1968, *A Spectroscopic and Photometric Investigation of the Association Cepheus OB2*, *ApJ* **154**, 923
- Skelton, B. P., Waller, W. H., Gelderman, R. F., Brown, L. W., Woodgate, B. E., Caulet, A., et Schommer, R. A. : 1999, *Emission-Line Properties of the Large Magellanic Cloud Bubble N70*, *PASP* **111**, 465
- Skrutskie, M. F., Schneider, S. E., Stiening, R., Strom, S. E., Weinberg, M. D., Beichman, C., Chester, T., Cutri, R., Lonsdale, C., Elias, J., Elston, R., Capps, R., Carpenter, J., Huchra, J., Liebert, J., Monet, D., Price, S., et Seitzer, P. : 1997, The Two Micron All Sky Survey (2MASS) : Overview and Status., in *ASSL Vol. 210 : The Impact of Large Scale Near-IR Sky Surveys*, pp 25–+
- Slettebak, A. : 1968, *Stellar Rotation and be Stars in the H and χ Persei Association*, *ApJ* **154**, 933
- Slettebak, A., Kuzma, T. J., et Collins II, G. W. : 1980, *Effects of stellar rotation on spectral classification*, *ApJ* **242**, 171
- Smart, R. L., Carollo, D., Lattanzi, M. G., McLean, B., et Spagna, A. : 2001, The Second Guide Star Catalogue and Cool Stars, in *Ultracool Dwarfs : New Spectral Types L and T*, pp 119–+
- Smith, A. M., Cornett, R. H., et Hill, R. S. : 1987, *Vacuum ultraviolet images of the Large Magellanic Cloud*, *ApJ* **320**, 609
- Smith, R. C., Kirshner, R. P., Blair, W. P., et Winkler, P. F. : 1991, *Six Balmer-dominated supernova remnants*, *ApJ* **375**, 652
- Spitzer, L. J. et Savedoff, M. P. : 1950, *The Temperature of Interstellar Matter. III.*, *ApJ* **111**, 593
- Sreenivasan, S. R. : 1991, Is Rotation a Really Important Property to the Understanding of the Evolution of Massive Stars ?, in *IAU Symp. 143 : Wolf-Rayet Stars and Interrelations with Other Massive Stars in Galaxies*, pp 551–+
- Sreenivasan, S. R. et Wilson, W. J. F. : 1985, *The evolution of massive stars losing mass and angular momentum - Rotational mixing in early-type stars*, *ApJ* **292**, 506
- Starck, J. et Murtagh, F. D. (eds.) : 2001, *Astronomical Data Analysis*
- Stasińska, G., Testor, G., et Heydari-Malayeri, M. : 1986, *Evidence for a very hot massive O star in the Large Magellanic Cloud*, *A&A* **170**, L4
- Steenman, H. et The, P. S. : 1989, *The anomalous extinction law*, *Ap&SS* **159**, 189
- Strömgren, B. : 1939, *The Physical State of Interstellar Hydrogen*, *ApJ* **89**, 526

- Straizhis, V. : 1992, *Multicolor stellar photometry*, Tucson : Pachart Pub. House, c1992.
- Strauss, M. A., Fan, X., Gunn, J. E., Leggett, S. K., Geballe, T. R., Pier, J. R., Lupton, R. H., Knapp, G. R., Annis, J., Brinkmann, J., Crocker, J. H., Csabai, I., Fukugita, M., Golimowski, D. A., Harris, F. H., Hennessy, G. S., Hindsley, R. B., Ivezić, Ž., Kent, S., Lamb, D. Q., Munn, J. A., Newberg, H. J., Rechenmacher, R., Schneider, D. P., Smith, J. A., Stoughton, C., Tucker, D. L., Waddell, P., et York, D. G. : 1999, *The Discovery of a Field Methane Dwarf from Sloan Digital Sky Survey Commissioning Data*, *ApJ* **522**, L61
- Sullivan, W. T., Werthimer, D., Bowyer, S., Cobb, J., Gedye, D., et Anderson, D. : 1997, A new major SETI project based on Project SERENDIP data and 100,000 personal computers, in *IAU Colloq. 161 : Astronomical and Biochemical Origins and the Search for Life in the Universe*, pp 729–+
- Szalay, A. et Gray, J. : 2001, *The World-Wide Telescope*, *Science* **293**, 2037
- Szalay, A. S., Gray, J., Kunszt, P., Thakar, A., et Slutz, D. : 2001, Large Databases in Astronomy, in *Mining the Sky*, pp 99–+
- Tapia, M., Neri, L., et Roth, M. : 1986, *A set of photometric near-infrared standard stars observed at San Pedro Martir*, *Revista Mexicana de Astronomia y Astrofisica* **13**, 115
- Tenorio-Tagle, G. : 1979, *The gas dynamics of H II regions. I - The champagne model*, *A&A* **71**, 59
- Tenorio-Tagle, G. et Bodenheimer, P. : 1988, *Large-scale expanding superstructures in galaxies*, *ARA&A* **26**, 145
- Tenorio-Tagle, G., Bodenheimer, P., Franco, J., et Różyczka, M. : 1990, *On the evolution of supernova remnants. I - Explosions inside pre-existing wind-driven bubbles*, *MNRAS* **244**, 563
- Tenorio-Tagle, G., Różyczka, M., Franco, J., et Bodenheimer, P. : 1991, *On the evolution of supernova remnants. II - Two-dimensional calculations of explosions inside pre-existing wind-driven bubbles*, *MNRAS* **251**, 318
- Thackeray, A. D., Tritton, S. B., et Walker, E. N. : 1973, *Radial velocities of southern B stars determined at the Radcliffe Observatory*, *MmRAS* **77**, 199
- Thé, P. S., de Winter, D., Arens, M., Heijblok, M., et Nieuwland, E. R. : 1989, *The spectral energy distribution of early-type stars. II - The extinction law towards O-type stars*, *A&AS* **81**, 115
- Thé, P. S., Wesselius, P. R., et Janssen, I. M. H. H. : 1986, *The spectral energy distribution of early type stars. I - A catalogue of photometric data of 259 stars from 0.15 to 4.8 microns*, *A&AS* **66**, 63
- Tinsley, B. M. et Larson, R. B. (eds.) : 1977, *Evolution of galaxies and stellar populations*
- Tokovinin, A. A., Chalabaev, A., Shatsky, N. I., et Beuzit, J. L. : 1999, *A near IR adaptive optics search for faint companions to early-type multiple stars*, *A&A* **346**, 481
- Uesugi, A. et Fukuda, I. : 1970, *Catalogue of rotational velocities of the stars*, Contributions from the Institute of Astrophysics and Kwasan Observatory, University of Kyoto, Kyoto : University, Kwasan Observatory, Institute of Astrophysics, 1970

- Underhill, A. et Doazan, V. : 1982, *B Stars with and without emission lines, parts 1 and 2*, NASA SP-456
- Underhill, A. B. : 1966, *The early type stars*, Astrophysics and Space Science Library, Dordrecht : Reidel, 1966, edited by 93/02/15
- Urban, S. E., Corbin, T. E., et Wycoff, G. L. : 1998, *The ACT Reference Catalog*, *AJ* **115**, 2161
- van den Bergh, S. : 1981, *Frequency distribution of H II region diameters*, *AJ* **86**, 1464
- van der Marel, R. P. : 2001, *Magellanic Cloud Structure from Near-Infrared Surveys. II. Star Count Maps and the Intrinsic Elongation of the Large Magellanic Cloud*, *AJ* **122**, 1827
- van der Marel, R. P. et Cioni, M. L. : 2001, *Magellanic Cloud Structure from Near-Infrared Surveys. I. The Viewing Angles of the Large Magellanic Cloud*, *AJ* **122**, 1807
- Vrancken, M., Hensberge, H., David, M., et Verschueren, W. : 1997, *Spectroscopic analysis of early-type stars in young stellar groups. I. Differential analysis of the B1V stars in NGC 2244*, *A&A* **320**, 878
- Wainscoat, R. J., Cohen, M., Volk, K., Walker, H. J., et Schwartz, D. E. : 1992, *A model of the 8-25 micron point source infrared sky*, *ApJS* **83**, 111
- Walborn, N. R. : 1972, *Spectral classification of OB stars in both hemispheres and the absolute magnitude calibration*, *AJ* **77**, 312
- Walborn, N. R. : 2002, *On the Absolute Magnitudes of the O Stars*, *AJ* **124**, 507
- Walker, G. A. H. et Morris, S. C. : 1968, *UBV photometry of the associations Anon 84 and NGC 2081 in the LMC*, *AJ* **73**, 772
- Wamsteker, W. : 1981, *Standard stars and calibration for JHKLM photometry*, *A&A* **97**, 329
- Wang, Q. et Helfand, D. J. : 1991a, *LMC-2 as the blowout of a hot superbubble*, *ApJ* **379**, 327
- Wang, Q. et Helfand, D. J. : 1991b, *The detection of X-ray emission from the OB associations of the Large Magellanic Cloud*, *ApJ* **373**, 497
- Weaver, R., McCray, R., Castor, J., Shapiro, P., et Moore, R. : 1977, *Interstellar bubbles. II - Structure and evolution*, *ApJ* **218**, 377
- Wegner, W. : 1994, *Intrinsic Colour Indices of OB Supergiants Giants and Dwarfs in the UBVRIJHKLM System*, *MNRAS* **270**, 229
- Wegner, W. : 2000, *Absolute magnitudes of OB and Be stars based on Hipparcos parallaxes*, *MNRAS* **319**, 771
- Weinberg, M. D. et Nikolaev, S. : 2001, *Structure of the Large Magellanic Cloud from 2MASS*, *ApJ* **548**, 712
- Wells, D. C., Greisen, E. W., et Harten, R. H. : 1981, *FITS - a Flexible Image Transport System*, *A&AS* **44**, 363
- Wenger, M., Ochsenbein, F., Egret, D., Dubois, P., Bonnarel, F., Borde, S., Genova, F.,

- Jasniewicz, G., Laloë, S., Lesteven, S., et Monier, R. : 2000, *The SIMBAD astronomical database. The CDS reference database for astronomical objects*, *A&AS* **143**, 9
- Whittet, D. C. B. et van Breda, I. G. : 1980, *Infrared photometry of southern early-type stars*, *MNRAS* **192**, 467
- Will, J.-M., Bomans, D. J., et Dieball, A. : 1997, *A photometric and spectroscopic study of the association LH47 in the superbubble N44 in the LMC*, *A&AS* **123**, 455
- Wolff, S. C., Edwards, S., et Preston, G. W. : 1982, *The origin of stellar angular momentum*, *ApJ* **252**, 322
- Woolley, R. V. D. R. : 1960, *Photometry in the Magellanic Clouds, II. Some colour magnitude arrays*, *MNRAS* **120**, 214
- Wright, E. L. : 2001, Introduction to Mining the Sky : Mining 101, in *Mining the Sky*, pp 3–+
- Yamaguchi, R., Mizuno, N., Onishi, T., Mizuno, A., et Fukui, Y. : 2001, *Molecular Clouds in the Supergiant Shell LMC 4 : Evidence for Triggered Cluster Formation*, *ApJ* **553**, L185
- Yorke, H. W. : 1986, *The dynamical evolution of H II regions - Recent theoretical developments*, *ARA&A* **24**, 49
- Zacharias, N., Urban, S. E., Zacharias, M. I., Hall, D. M., Wycoff, G. L., Rafferty, T. J., Germain, M. E., Holdenried, E. R., Pohlman, J. W., Gauss, F. S., Monet, D. G., et Winter, L. : 2000, *The First US Naval Observatory CCD Astrograph Catalog*, *AJ* **120**, 2131
- Zaritsky, D., Harris, J., Thompson, I. B., Grebel, E. K., et Massey, P. : 2002, *The Magellanic Clouds Photometric Survey : The Small Magellanic Cloud Stellar Catalog and Extinction Map*, *AJ* **123**, 855
- Zorec, J. et Briot, D. : 1991, *Absolute magnitudes of B emission line stars - Correlation between the luminosity excess and the effective temperature*, *A&A* **245**, 150