

APPENDIX C REFERENCES

- Altena, W.F. van, *et al.* 1995, The General Catalogue of Trigonometric Parallaxes, 4th edition, Yale University Observatory.
- Altena, W.F. van, Girard, T., López, C.E., López, J.A., Molina, E., 1990, in Lieske J.H., Abalakin V.K. (eds.) Proc. IAU Symp. 141, Inertial coordinate system on the sky. Kluwer, Dordrecht, 419.
- Arenou, F., Lindegren L., Fröeschlé M., Gómez A.E., Turon C., Perryman M.A.C., Wielen R., 1995, A&A, 304, 52.
- Argue, A.N., 1989, in Perryman, M.A.C., *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume II, 199.
- Argue, A.N., 1991, in Hughes, J.A., Smith, C.A., Kaplan, G.H. (eds.) Proc. IAU Coll. 127, Reference Systems. US Naval Observatory, Washington, 63.
- Argue, N., Bunclark, P.S., Irwin, M.J., Lampens, P., Sinachopoulos, D., Wayman, P.A., 1992, MNRAS, 259, 563.
- Argue, A.N. *et al.*, 1984, A&A, 130, 191.
- Arias, E.F., Charlot, P., Feissel, M., Lestrade, J.-F., 1995, A&A, 303, 604.
- Baarda, W., 1968, Neth. Geodetic Commission, Publ. on Geodesy. Vol. 2, 5.
- Baarda, W., 1973, Neth. Geodetic Commission, Publ. on Geodesy. Vol. 5, 1.
- Barraclough, D.R., 1985, Pure Appl. Geophysics, 123, 641.
- Bastian, U., 1985, in Kovalevsky J. (ed.) Proc. Marseille Coll., Processing of Scientific Data from Hipparcos, Second FAST Thinkshop, 295.
- Bastian, U. & Röser, S., 1993, PPM Star Catalogue, Vol. III–IV, Astronomisches Rechen-Institut, Heidelberg.
- Bec-Borsenberger, A., 1992, A&A, 258, 94.
- Benedict, F., Nelan, E., Story, D., McArthur, B., Whipple, A.L., Jefferys, W.H., van Altena, W., Hemenway, P.D., Shelus, P.J., Franz, O.G., Bradley, A., Fredrick, L.W., Duncombe, R.L., 1992, PASP 104, 958.
- Bergeron, J., 1992, IAU Transactions, Vol. XXIB, Kluwer, Dordrecht, 41.
- Bertani, D., Cetica, M., Iori-Fili, D., 1986, in Bernacca, P.L. & Kovalevsky, J. (eds), Proc. Bari Coll. ‘Processing of Scientific Data from Hipparcos’, Third FAST Thinkshop, 315.
- Betti, B., Sansò, F., 1983, in Bernacca, P.L. (ed.) Proc. FAST Thinkshop, University of Padova, 317.

- Bierman, G.J., 1977, *Factorization Methods for Discrete Sequential Estimation*, Vol. 128 in 'Mathematics in Science and Engineering', Academic Press.
- Brosche, P., Ducourant, C., Galas, R., Geffert, M., Karafistan, A., 1991, A&A, 245, 669.
- Bucciarelli, B., Lattanzi, M.G., Taff, L.G., 1994, ApJ, 433, 831.
- Chapront, J., Francou, G., Morando B., 1984, The calculation of the positions and velocities of the Earth during the Hipparcos mission, *Notes Scientifiques et Techniques du Bureau des Longitudes*, S004.
- Clemence, G.M., 1953, Astron. Papers Am. Eph. Volume XIII, Part IV, Washington.
- Cramér, H., 1946, *Mathematical Methods of Statistics*, Princeton University Press.
- Crézé, M., 1985, in Proc. Aussois Coll. 'Scientific Aspects of the Input Catalogue Preparation', 3–7 June 1985, Turon, C., Perryman, M.A.C. (orgs), ESA SP-234, 79.
- Crézé, M., Charetton, M., 1988, in Torra, J., Turon, C. (eds.), Proc. Sitges Coll. 'Scientific Aspects of the Input Catalogue Preparation', 25–29 January 1988, 49.
- Crézé, M., Nicolet, B., Charetton, M., 1989, in Perryman *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume II, 47.
- Crifo, F., 1988, in Torra, J., Turon, C. (eds.), Proc. Sitges Coll. 'Scientific Aspects of the Input Catalogue Preparation', 25–29 January 1988, 79.
- Crifo, F., Turon, C., Grenon, M., 1985, in Proc. Aussois Coll. 'Scientific Aspects of the Input Catalogue Preparation', 3–7 June 1985, Turon, C., Perryman, M.A.C. (orgs), ESA SP-234, 67.
- Daalen, D.T. van, Bucciarelli, B., Lattanzi, M., 1986, in Bernacca P.L. & Kovalevsky J. (eds.) Proc. Bari Coll., Processing of Scientific Data from Hipparcos, Third FAST Thinkshop, 369.
- Dick, W.R., Ruben, G., Schilbach, E., Scholz, R.-D., 1987, Astron. Nachr., 308, 211.
- Donati, F., Sechi, G., 1992, A&A, 258, 46.
- Eeg, J., 1986, Geodaetisk Institut, Technical Report 1, Copenhagen, Denmark.
- Egret, D., Wenger, M., Dubois, P., 1991, in 'Databases & On-line Data in Astronomy', M.A. Albrecht and D. Egret (eds), 79.
- Florkowski, D.R., Johnston, K.J., Wade, C.M., de Vegt, C., 1985, AJ, 90, 2381.
- Fricke, W., Schwan, H. & Lederle, T., 1988, Fifth Fundamental Catalogue, Part 1, *Vöröff. Astron. Rechen-Institut*, 32, Heidelberg.
- Frœschlé, M., 1992, in Benest, D. & Frœschlé, C. (eds.), Hipparcos: une nouvelle donne pour l'Astronomie, Goutelas, 197.
- Galligani, I., Lattanzi, M., Bucciarelli, B., Tommasini, T., Bernacca, P.L., 1989, in Perryman *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume III, 141.
- Gardiner, L.T., Sawa, T., Fujimoto, M., 1994, MNRAS, 266, 567.
- Ghez, A.M., Neugebauer, G., Matthews, K., 1993, AJ, 106, 2005.
- Gómez, A.E., 1988, in Torra, J., Turon, C. (eds.) Proc. Sitges Coll. 'Scientific Aspects of the Input Catalogue Preparation', 25–29 January 1988, 33.
- Gómez, A.E., Crifo, F., 1988, in IAU Symp. 133, 'Mapping the Sky', Paris, 1–5 June 1987, Débarbat, S., Eddy, J.A., Eichhorn, H.K., Upgren, A.R. (eds)

- Gómez, A., Crifo, F., Turon, C., 1989, in Perryman *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume II, 89.
- Harrington, R.S., Dahn, C.C., 1980, AJ, 85, 454.
- Harrington, R.S., *et al.*, 1993, AJ, 105, 1571.
- Hartkopf, W.I., McAlister, H.A., Mason, B.D., 1996, Third Catalogue of Interferometric Measurements of Binary Stars, *Chara Contribution No. 4*.
- Hauck, B., Mermilliod, M., 1990, A&A Supp., 86, 107.
- Hauck, B., Mermilliod, M., 1996.
- Høg, E., 1995, Proc. IAU Coll. 166, Høg, E. & Seidelman, P. K., (eds), Kluwer, 61.
- Høg, E., Bastian, U., Halbwachs, J.L., *et al.*, 1995, A&A, 304, 150.
- Høyer, P., Poder, K., Lindegren, L., Høg, E., 1981, A&A, 101, 228.
- Hummel, C.A., Mozurkewich, D., Elias, N.M., *et al.*, 1994, AJ, 108, 326.
- IERS, 1996, Annual report for 1996, Observatoire de Paris.
- Jahreiß, H., Réquière, Y., Argue, A.N., Dommanget, J., Rousseau, M., Lederle, T., Le Poole, R.S., Mazurier, J.M., Morrison, L.V., Nys, O., Penston, M.J., Périé, J.P., Prévot, L., Tucholke, H.J., de Vegt, C., 1992, A&A, 258, 82.
- Jefferys, W.H., 1962, AJ, 67, 532.
- Jefferys, W.H., Fitzpatrick, M.J., McArthur, B.E., McCartney, J.E., 1988, GaussFit: A System for Least Squares and Robust Estimation, Univ. of Texas, Austin.
- Johnston, K.J., Fey, A.L., Zacharias, N., *et al.*, 1995, AJ, 110, 880.
- Kendall, M., Stuart, A., 1977, in *The Advanced Theory of Statistics*, Vol. 1, Chapter 16, Charles Griffin, London.
- Kharchenko, N.V., Schilbach, E., 1995, Astron. Nachr., 316, 91.
- Kharchenko, N.V., Schilbach, E., Scholz, R.-D., 1994, Astron. Nachr., 315, 291.
- Klemola, A.R., Hanson, R.B., Jones, B.F., 1993, Lick Northern Proper Motion Program: NPM1 Catalog, Astronomical Data Center catalog No. A1199.
- Klemola, A.R., Hanson, R.B., Jones, B.F., 1994, in Morrison L.V., Gilmore G.F. (eds.) *Galactic and Solar System Optical Astrometry*. Cambridge University Press, 20.
- Klemola, A.R., Jones, B.F., Hanson, R.B., 1987, AJ, 94, 501.
- Kok, J.J., 1985, Surveying Science in Finland, 2, 1.
- Kovalevsky, J., Lindegren, L., Fröeschlé, *et al.*, 1995, A&A, 304, 34.
- Kovalevsky, J., Lindegren, L., Perryman, M.A.C., *et al.*, 1997, The Hipparcos Catalogue as a realisation of the extragalactic reference system, A&A.
- Lacroute, P., 1983, First FAST Thinkshop, 141.
- Lattanzi, M.G., Bucciarelli, B., Bernacca, P.L., 1990, ApJS, 73, 481.
- Leeuwen, F. van, Evans, D.W., Lindegren, L., Penston, M.J., Ramamani, N., 1992, A&A, 258, 119.
- Lenhardt, H., Hering, R., Walter, H.G., 1991, Manuscripta Geodaetica, 16, 254.
- Lestrade, J.-F., Jones, D.L., Preston, R.A., Philips, R.B., Rioja, M., 1997, AJ.
- Lestrade, J.-F., Jones, D.L., Preston, R.A., *et al.*, 1995, A&A, 304, 182.

- Lindegren, L., 1979, Coll. European Satellite Astrometry, Barbieri C. & Bernacca P.L. (eds), 117.
- Lindegren, L., 1986, Third FAST Thinkshop, P.L. Bernacca & J. Kovalevsky (eds.), 285.
- Lindegren, L., 1988, in Torra, J. & Turon, C., Scientific aspects of the Input Catalogue Preparation II, Proc. Coll. Sitges (Catalonia), 179.
- Lindegren, L., 1989, in Perryman *et al.* 1989 The Hipparcos Mission, ESA SP-1111 Volume III, 311.
- Lindegren, L., 1995, A&A, 304, 61.
- Lindegren, L., Kovalevsky, J., 1995, A&A, 304, 189.
- Lindegren, L., van Leeuwen, F., Petersen, C., Perryman, M.A.C., Söderhjelm, S., 1992, A&A, 258, 134.
- Lindegren, L. Perryman, M.A.C., 1996, A&A SS, 116, 579.
- Lindegren, L., Röser, S., Schrijver, H., *et al.*, 1995, A&A, 304, 44.
- Lindegren, L., Söderhjelm, S., 1985, in Kovalevsky, J. (ed.) Proc. Marseille Coll., Processing of Scientific Data from Hipparcos, Second FAST Thinkshop, 237.
- Lub, J., Pel, J.W., 1977, A&A, 54, 137.
- Lyngå, G., 1987, *Catalogue of Open Cluster Data*, available through CDS, Strasbourg, France.
- Ma, C., Arias, E.F., Eubanks, T.M., Fey, A.L., Gontier, A.M., Jacobs, C.S., 1997.
- Ma, C., Shaffer, D.B., de Vegt, C., Johnston, K.J., Russel, J.L., 1990, AJ, 99, 1284.
- Magnusson, P., 1989, *Asteroids II*, R.P. Binzel, T. Gehrels & M.S. Matthews (eds.), Univ. of Arizona Press, Tucson, 1180.
- Magnusson, P., Lagerkvist, C.I., Dahlgren M., Erikson, A., Baruci, M.A., Belskaya, I., Capria, T., 1994, *Asteroids, Comets, Meteors 1993*, A. Milani, M. Di Martino & A. Cellino (eds.), 471.
- Marel, H. van der, 1985, Second FAST Thinkshop, 197.
- Marel, H. van der, 1988, PhD Thesis, Delft University of Technology. Neth. Geodetic Comm., Publ. on Geodesy, 8, No. 2.
- Marel, H. van der, van Daalen, D.T., Petersen, C., 1989, in Perryman *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume III.
- Mermilliod, J-C., 1992, Astronomy from large databases II, Haguenau, ed. Murtagh F. & Heck A., 373.
- Mermilliod, J.C., Turon, C., 1989, in Perryman *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume II, 177.
- Mignard, F., 1992, Hipparcos, une nouvelle donne pour l'astronomie, Benest, D., Frœschlé, C. (eds.), Editions Société Française des Spécialistes d'Astronomie, 37.
- Mignard, F., Morando, B., 1989, in Colloque André Danjon, Paris, 151.
- Mignard, F., Söderhjelm, S., Bernstein, H. *et al.*, 1995, A&A, 304, 94.
- Monet, D.G. *et al.*, 1992, AJ, 103, 638.
- Morando, B., 1986, Third FAST Thinkshop, P.L. Bernacca & J. Kovalevsky (eds.), 277.
- Morando, B., Lindegren, L., 1989, in Perryman *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume III, 269.

- Morrison, L., Argyle, R.W., Réquière, *et al.*, 1990, A&A, 240, 173.
- Murray, C.A., 1983, Vectorial Astrometry, Adam Hilger, Bristol.
- Pan, X., Shao, H., Colavita, M.M., 1993, ApJ, 413, L129.
- Papoulis, A., 1991, *Probability, Random Variables and Stochastic Processes*, McGraw-Hill, New York.
- Pel, J.W., 1991, in Davis Philip, A.G., Upgren, A.R., Janes, K.A. (eds.) *Precision Photometry: Astrophysics of the Galaxy*, L. Davis Press, Schenectady, N.Y.
- Perryman, M.A.C., Turon, C. in Perryman, M.A.C., *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume II
- Perryman, M.A.C., *et al.* 1989, The Hipparcos Mission, ESA SP-1111, three Volumes.
- Platais, I., Girard, T.M., van Altena, W.F., Ma, W.Z., Lindegren, L., Crifo, F., Jahreiß, H., 1995, A&A, 304, 141.
- Press, W.H., Teukolsky, S.A., Vetterling, W.T. & Flannery, B.P., 1992, Numerical Recipes, 2nd ed., Cambridge.
- Prévot, L., 1989, in Perryman *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume II, 191.
- Réquière, Y., Morrison, L.V., Lindegren, L., Fröeschlé, M., van Leeuwen, F. & Mignard, F., 1993, in Proceedings of Second International Valencia Workshop on Positional Astronomy and Celestial Mechanics, Universitat de Valencia, 20.
- Réquière, Y., Morrisson, L.V., Helmer, *et al.*, 1995, A&A, 304, 121.
- Robichon, N., Turon, C., Makarov, V.V., *et al.*, 1995, A&A, 304, 132.
- Röser, S., Bastian, U., 1991, PPM Star Catalogue, Vol. I-II, Astronomisches Rechen-Institut, Heidelberg.
- Rybka, S.P., Yatsenko, A.I., 1997, A&AS, 121, 243
- Scholz, R.-D., Kharchenko, N.V., 1994, Astron. Nachr., 315, 73.
- Schrijver, H., van der Marel, H., 1992, A&A, 258, 31.
- Seidelmann, P.K. (ed.), 1992, Explanatory Supplement to the Astronomical Almanac, University Science Books.
- Shao, M., Colavita, M.M., Hines, B.E., *et al.*, 1990, AJ, 100, 1701.
- Söderhjelm, S., 1988, Scientific aspects of the Input Catalogue preparation II, Torra, J. & Turon, C.(eds.), 257.
- Söderhjelm, S., Evans, D.W., van Leeuwen, F. & Lindegren, L., 1992, A&A, 258, 157.
- Söderhjelm, S., Lindegren, L., 1982, A&A, 110, 156.
- Söderhjelm, S., Lindegren, L., 1992, Proc. IAU Coll. 135, Hartkopf W. & Mc Alister H.A. (eds), ASP Conference Series 32, 412.
- Tedesco, E.F., 1989, *Asteroids II*, R.P. Binzel, T. Gehrels & M.S. Matthews (eds.), Univ. of Arizona Press, Tucson, 1090.
- Teunissen, P.J.G., 1985, Neth. Geodetic Commission, Publ. on Geodesy. Vol. 8, 1.
- Tholen, D.J., 1989, *Asteroids II*, R.P. Binzel, T. Gehrels & M.S. Matthews (eds.), Univ. of Arizona Press, Tucson, 1139.
- Thomasson, P., 1986, QJRAS, 27, 413.

- Turon, C., Crézé, M., Egret, D., *et al.*, 1992b, Bull. Inf. CDS, 41, 9.
- Turon, C., Crézé, M., Egret, D., *et al.*, 1993, Bull. Inf. CDS, 43, 5.
- Turon, C., Gómez, A., Crifo, F., 1989a, In Perryman *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume II, 7.
- Turon, C., Kovalevsky, J., Lindegren, L., 1989b, in Perryman *et al.* 1989, The Hipparcos Mission, ESA SP-1111, Volume II, 65.
- Turon, C., Morin, D., Arenou, F., Perryman, M.A.C., Priou, D., 1994, CD-ROM version of the Hipparcos Input Catalogue + HICIS, C. Turon (ed.)
- Turon, C., Réquière, Y., Grenon, M., *et al.*, 1995, A&A, 304, 82.
- Turon, C., *et al.*, 1992a, The Hipparcos Input Catalogue, Volume 1–7, ESA SP-1136.
- Vigouroux, G., Journet, A., Chauvineau, B., Furia, M. & Boche, R., 1995, Comptes rendus de l'atelier du GDR Astrométrie Spatiale, M. Frœschlé & F. Mignard (eds), Grasse, 255.
- Vondrák, J., 1991, Bull. Astron. Inst. Czechosl. 42, 283.
- Vondrák, J., 1996, in Ferraz-Mello S., Morando B., Arlot J.E. (eds.) Proc. IAU Symp. 172, Dynamics, ephemerides and astrometry in the solar system. Kluwer, Dordrecht. 491.
- Vondrák, J., Feissel, M., Essaïfi, N., 1992, A&A, 262, 329.
- Vondrák, J., Ron, C., Pešek, I., Čepek A., 1995, A&A, 297, 899.
- Walter, H.G., Hering, R., Bastian, U., Bernstein, H.H., 1985, in Kovalevsky J. (ed.) Proc. Marseille Coll., Processing of Scientific Data from Hipparcos, Second FAST Thinkshop, 281.
- Walter, H.G., Mignard, F., Hering, R., Frœschlé, M., Falin, J.L., 1986, Manuscripta Geodaetica 11, 104.
- Westerlund, B.E., 1995, in Høg E., Seidelmann P.K. (eds.) Proc. IAU Symp. 166, Kluwer, Dordrecht. 273.
- Zacharias, N., de Vegt, C., 1995, AJ, 110, 3093.