

Main Papers

Note: The following list gathers together the validated (“refereed”) papers with the authors in published sequence. A few other publications have also been included as representative of fields not covered by the former ones. Review papers have been flagged with an asterisk.

1972

1. Détermination de la magnitude absolue moyenne des RR Lyrae (**A. Heck**), *Astron. Astrophys.* **21** (1972) 231-238

1973

2. Magnitude absolue des étoiles du type RR Lyrae (**A. Heck**), *Astron. Astrophys.* **24** (1973) 313-316
3. The First New Comet of 1973 (F. Dossin, **A. Heck**), *Sky & Tel.* **45** (1973) 291 [summary p. 485]

1974

4. A Comparative Study of Maximization Methods (**A. Heck**), *Acad. Roy. Belg. Bull. Cl. Sc. 5ème Série* **60** (1974) 927-943

1975

5. On the Method of Statistical Parallaxes (**A. Heck**, J. Jung), *Astron. Astrophys.* **40** (1975) 323-326
6. Relations Between Luminosity, Period and Metallicity in RR Lyrae Stars (**A. Heck**), *Astron. Astrophys.* **42** (1975) 131-133 [summary p. 476]
7. Absolute Luminosity Calibration of Stroemgren’s Intermediate Group (**A. Heck**), *Astron. Astrophys.* **43** (1975) 111-126 [summary p. 476]
8. A Study of Mira Variables – Implications for OH Stars and Galactic Evolution (R. Foy, **A. Heck**, M.O. Mennessier), *Astron. Astrophys.* **43** (1975) 175-188 [summary p. 477]
9. uvby Photometry of Some Southern Field Stars (**A. Heck**, J. Manfroid), *Astron. Astrophys. Suppl.* **22** (1975) 323-325

1976

10. An Application of Multivariate Analysis to a Photometric Catalogue (**A. Heck**), *Astron. Astrophys.* **47** (1976) 129-135 [summary p. 480]
11. Variations photométriques de quelques étoiles Ap (P. Renson, J. Manfroid, **A. Heck**), *Astron. Astrophys. Suppl.* **23** (1976) 413-417

12. Photométrie uvby de quelques étoiles Ap (**A. Heck**, J. Manfroid, P. Renson), *Astron. Astrophys. Suppl.* **25** (1976) 143-149
13. Variations in the U, B, V and u, v, b, y Magnitudes of the Peculiar Be Star HD45677 (A. Feinstein, R. Garnier, N. Vogt, **A. Heck**, J. Manfroid, J.P. Swings), *Astron. Astrophys.* **51** (1976) 269-273
14. Surface Distributions of Some Basic Astronomical Data (D. Egret, **A. Heck**, F. Ochsenbein), *Astron. Astrophys. Suppl.* **26** (1976) 65-87
15. On the Luminosity Criteria Relative to Late-Type Stars (S. Grenier, **A. Heck**, J. Jung), *Astron. Astrophys.* **52** (1976) 385-395

1977

16. uvby β Photometry of Equatorial and Southern Bright Stars (**A. Heck**), *Astron. Astrophys. Suppl.* **27** (1977) 47-53
17. Kinematical Data of Two Samples of Late-Type Stars (S. Grenier, **A. Heck**, J. Jung), *Astron. Astrophys. Suppl.* **27** (1977) 267-276
18. Photometric Observations of HD50169 (**A. Heck**, H.M. Maitzen, P. Renson), *Astron. Astrophys.* **54** (1977) 635-637
19. Absolute Luminosity Calibration of Stroemgren's Late Group (**A. Heck**), *Astron. Astrophys.* **56** (1977) 235-243 [summary p. 477]
20. Detection of Errors in Spectral Classification by Cluster Analysis (**A. Heck**, A. Albert, D. Defays, G. Mersch), *Astron. Astrophys.* **61** (1977) 563-566 [summary p. 480]
21. A Bibliographical Catalogue of Field RR Lyrae Stars (**A. Heck**, J.M. Lakaye), *Astron. Astrophys. Suppl.* **30** (1977) 397-398

1978

22. HD72968 (3 Hya) – Another Low-Amplitude Photometric Double-Wave Ap Star (H.M. Maitzen, R. Albrecht, **A. Heck**), *Astron. Astrophys.* **62** (1978) 199-204 [summary p. 485]
23. Variations photométriques et période de la variable spectrale HR3413 (P. Renson, **A. Heck**, J. Manfroid), *Astron. Astrophys. Suppl.* **31** (1978) 199-203
24. Absolute Luminosity Calibration of F Stars (**A. Heck**), *Astron. Astrophys.* **66** (1978) 335-342 [summary p. 478]
25. A Note on the Relation Between Metallicity and Luminosity in Field RRab Lyrae Stars (**A. Heck**, J.M. Lakaye), *Monthly Not. Roy. Astron. Soc.* **184** (1978) 17-24 [summary p. 476]
26. * Some Methods of Determining the Stellar Absolute Magnitude (**A. Heck**), *Vistas in Astron.* **22** (1978) 221-264 [summary p. 475]

27. In-Flight Performance of the IUE (A. Boggess, R.C. Bohlin, D.C. Evans, H.R. Freeman, T.R. Gull, S.R. Heap, D.A. Klinglesmith, G.R. Longanecker, W. Sparks, D.K. West, A.V. Holm, P.M. Perry, F.H. Schiffer III, B.E. Turnrose, C.C. Wu, A.L. Lane, J.L. Linsky, B.D. Savage, P. Benvenuti, A. Cassatella, J. Clavel, **A. Heck**, F. Macchetto, M.V. Penston, P.L. Selvelli, E. Dunford, P. Gondhalekar, M.B. Oliver, M.C.W. Sandford, D.J. Stickland, A. Boksenberg, C.I. Coleman, M.A.J. Snijders, R. Wilson), *Nature* **275** (1978) 377-385 [summary p. 482]
28. IUE Observations of Cool Stars: α Aur, HR1099, λ And, and ϵ Eri (J.L. Linsky, T.R. Ayres, G.S. Basri, N.D. Morrison, A. Boggess, F.H. Schiffer III, A.V. Holm, A. Cassatella, **A. Heck**, F. Macchetto, D.J. Stickland, R. Wilson, C. Blanco, A.K. Dupree, C. Jordan, R.F. Wing), *Nature* **275** (1978) 389-394

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29. On the Ultraviolet Spectrum of Nova Cygni 1978 (A. Cassatella, P. Benvenuti, J. Clavel, **A. Heck**, M.V. Penston, P.L. Selvelli, F. Macchetto), *Astron. Astrophys.* **74** (1979) L18-L19 [summary p. 485]
30. On the High-Resolution Ultraviolet Spectrum of P Cygni (A. Cassatella, F. Beeckmans, P. Benvenuti, J. Clavel, **A. Heck**, H.J.G.L.M. Lamers, F. Macchetto, M.V. Penston, P.L. Selvelli, D.J. Stickland), *Astron. Astrophys.* **79** (1979) 223-229 [summary p. 486]

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31. The Absolute Magnitude of the Hg-Mn Stars (M. Jaschek, C. Jaschek, S. Grenier, A.E. Gomez, **A. Heck**), *Astron. Astrophys.* **81** (1980) 142-144 [summary p. 478]
32. About the Consistency of Absolute Luminosity Calibrations (**A. Heck**), *Astron. Astrophys.* **82** (1980) 370-372 [summary p. 475]
33. Prediction of Spectral Classification from Photometric Observations – Application to the uvby β Photometry and the MK Spectral Classification. I. Prediction Assuming a Luminosity Class (**A. Heck**, G. Mersch), *Astron. Astrophys.* **83** (1980) 287-296 [summary p. 481]
34. Prediction of Spectral Classification from Photometric Observations – Application to the uvby β Photometry and the MK Spectral Classification. II. General Case (G. Mersch, **A. Heck**), *Astron. Astrophys.* **85** (1980) 93-100 [summary p. 481]
35. The UV Spectrum of the Narrow Emission-Line X-ray Emitting Nucleus of the Galaxy NGC7582 (J. Clavel, P. Benvenuti, A. Cassatella, **A. Heck**, M.V. Penston, P.L. Selvelli, F. Beeckmans, F. Macchetto), *Monthly Not. Roy. Astron. Soc.* **192** (1980) 769-777 [summary p. 486]
36. Coordinated Optical, Ultraviolet, Radio and X-Ray Observations of Supernova 1979c in M100 (N. Panagia, G. Vettolani, A. Boksenberg, F. Ciatti, S. Ortolani, P. Rafanelli, L. Rosino, C. Gordon, D. Reimers, K. Hempe, P. Benvenuti, J. Clavel,

- A. Heck**, M.V. Penston, F. Macchetto, D.J. Stickland, J. Bergeron, M. Tarengi, B. Marano, G.G.C. Palumbo, A.N. Parmar, G.S.W. Pollard, P.W. Sanford, W.L.W. Sargent, R.A. Sramek, K.W. Weiler, P. Matzik), *Monthly Not. Roy. Astron. Soc.* **192** (1980) 861-879 [summary p. 487]
37. Simultaneous Spectroscopic (UV MgII and AlII lines) and Photometric Variations of ζ^1 Sco (HD152236) (**A. Heck**, G. Burki, L. Bianchi, A. Cassatella, J. Clavel), *Monthly Not. Roy. Astron. Soc.* **192** (1980) 59P-65P [summary p. 487]
38. Tests of Two Different Maximum-Likelihood Algorithms for Determining Statistical Parallaxes (D.H.P. Jones, **A. Heck**, J. Dawe, S.V.M. Clube), *Astron. Astrophys.* **89** (1980) 225-226 [summary p. 475]
39. uvby β Photometry of Equatorial and Southern Bright Stars II (**A. Heck**, J. Manfroid), *Astron. Astrophys. Suppl.* **42** (1980) 311-318

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40. The Absolute Magnitude of the Am Stars (A.E. Gomez, S. Grenier, M. Jaschek, C. Jaschek, **A. Heck**), *Astron. Astrophys.* **93** (1981) 155-159 [summary p. 478]
41. On the Nature of the 125-Day Cepheid V810 Cen (= HR4511): IUE Spectra (W. Eichendorf, **A. Heck**, J. Isserstedt, J. Lub, M. Pakull, B. Reipurth, A.M. van Genderen), *Astron. Astrophys.* **93** (1981) L5-L6
42. The Absolute Magnitudes of the Ap Stars (S. Grenier, M. Jaschek, A.E. Gomez, C. Jaschek, **A. Heck**), *Astron. Astrophys.* **100** (1981) 24-27 [summary p. 479]

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43. The Absolute Magnitudes of G5-M3 Stars Near the Giant Branch (D. Egret, P.C. Keenan, **A. Heck**), *Astron. Astrophys.* **106** (1982) 115-120 [summary p. 479]
44. Variability and Mass Loss in the Extreme Supergiant ζ^1 Sco (G. Burki, **A. Heck**, L. Bianchi, A. Cassatella), *Astron. Astrophys.* **107** (1982) 205-210
45. UV, Optical and IR Observations of the Cepheid R Mus (W. Eichendorf, **A. Heck**, B. Caccin, G. Russo, C. Sollazzo), *Astron. Astrophys.* **109** (1982) 274-278
46. On the Structure of the Outer Layers of Cool Carbon Stars (F. Querci, M. Querci, R.F. Wing, A. Cassatella, **A. Heck**), *Astron. Astrophys.* **111** (1982) 120-124
47. The Far-UV Spectrum of the Low-Excitation Planetary Nebula HD138403 (J. Surdej, **A. Heck**), *Astron. Astrophys.* **116** (1982) 80-88
48. Absolute Magnitudes of F-, G-, K- and M-type Stars from Maximum-Likelihood Statistical Parallaxes (T. Mikami, **A. Heck**), *Publ. Astron. Soc. Japan* **34** (1982) 529-539 [summary p. 478]

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49. IUE and Other New Observations of the Slow Nova RR Tel (M.V. Penston, P. Benvenuti, A. Cassatella, **A. Heck**, P.L. Selvelli, F. Macchetto, D.J. Ponz, C. Jordan, N. Cramer, F. Rufener, J. Manfroid), *Monthly Not. Roy. Astron. Soc.* **202** (1983) 833-857 [summary p. 483]
50. A Generalized Algorithm for Efficient Photometric Reductions (J. Manfroid, **A. Heck**), *Astron. Astrophys.* **120** (1983) 302-306 [summary p. 479]
51. * Predictions: Also an Astronomical Tool (**A. Heck**), in *Statistical Methods in Astronomy*, **ESA SP-201** (1983) 135-143 [summary p. 481]

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52. Période photométrique de l'étoile Ap HR3831 (P. Renson, J. Manfroid, **A. Heck**, G. Mathys), *Astron. Astrophys.* **131** (1984) 63-66
53. The Ultraviolet (IUE) Spectra of the λ Bootis Stars (B. Baschek, **A. Heck**, C. Jaschek, M. Jaschek, J. Köppen, M. Scholz, R. Wehrse), *Astron. Astrophys.* **131** (1984) 378-384
54. On the Accuracy of the Reduction of the uvby Photometry (J. Manfroid, **A. Heck**), *Astron. Astrophys.* **132** (1984) 110-114 [summary p. 480]
55. IUE Low-Dispersion Spectra Flux Catalogue. Part 1. Normal Stars (magnetic tape) (**A. Heck**, D. Egret, M. Jaschek, C. Jaschek), *Astron. Astrophys. Suppl.* **57** (1984) 213-216

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56. On Period Determination Methods (**A. Heck**, J. Manfroid, G. Mersch), *Astron. Astrophys. Suppl.* **59** (1985) 63-72 [summary p. 480]
57. Variations in the Variability of RR Tel (**A. Heck**, J. Manfroid), *Astron. Astrophys.* **142** (1985) 341-345 [summary p. 484]
58. Photometric Variations of HD25267 (J. Manfroid, G. Mathys, **A. Heck**), *Astron. Astrophys.* **144** (1985) 251-253
59. Absolute-Magnitude Calibration of Normal Stars (Paper V) (S. Grenier, A.E. Gomez, C. Jaschek, M. Jaschek, **A. Heck**), *Astron. Astrophys.* **145** (1985) 331-338
60. Photometric Variations of the Irregular Variable V348 Sgr (**A. Heck**, L. Houziaux, J. Manfroid, D.H.P. Jones, P.J. Andrews), *Astron. Astrophys. Suppl.* **61** (1985) 375-385 [summary p. 484]
61. Observation of $\lambda 1600$ and $\lambda 3040$ Features in the Spectra of Field Horizontal-Branch Stars (M. Jaschek, B. Baschek, C. Jaschek, **A. Heck**), *Astron. Astrophys.* **152** (1985) 439-440

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62. Statistical Confirmation of the UV Spectral Classification System Based on IUE Low-Dispersion Stellar Spectra (**A. Heck**, D. Egret, Ph. Nobelis, J.C. Turlot), *Astrophys. Sp. Sc.* **120** (1986) 223-237 [summary p. 482]

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63. An Annotated Bibliographical Catalogue of Multivariate Statistical Methods and of their Astronomical Applications (magnetic tape) (F. Murtagh, **A. Heck**), *Astron. Astrophys. Suppl.* **68** (1987) 113-115
64. Evolution of the Periodicity of the W UMa System ϵ CrA (J. Manfroid, **A. Heck**, J. Bergeat, M. Lunel), *Astron. Astrophys.* **176** (1987) 180-182 [summary p. 488]
65. * UV Stellar Spectral Classification (**A. Heck**), in *Exploring the Universe with the IUE Satellite*, Eds. Y. Kondo, W. Wamsteker, A. Boggess, M. Grewing, C. de Jager, A.L. Lane, J.L. Linsky & R. Wilson, D. Reidel Publ. Co., Dordrecht (1987) 121-137 [summary p. 483]
66. Photometric Variability of Some CP Stars (**A. Heck**, G. Mathys, J. Manfroid), *Astron. Astrophys. Suppl.* **70** (1987) 33-48
67. Hot Carbon Stars: More about V348 Sgr (L. Houziaux, P. Bouchet, **A. Heck**, J. Manfroid), *Quart. J. RAS* **28** (1987) 231-238 [summary p. 485]

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68. A Bibliographical Catalogue of RR Lyrae Stars (**A. Heck**), *Astron. Astrophys. Suppl.* **75** (1988) 237-238 [summary p. 476]
69. Classification of IUE Spectra: A Rule-Based Approach (R. Rampazzo, **A. Heck**, F. Murtagh), *ESA Journal* **12** (1988) 385-394

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70. IUE-ULDA/USSP: The On-line Low-resolution Spectral-data Archive of the International Ultraviolet Explorer (W. Wamsteker, C. Driessen, J.P. Muñoz, B.J.M. Hassall, F. Pasian, M. Barylak, G. Russo, D. Egret, J. Murray, A. Talavera, **A. Heck**), *Astron. Astrophys. Suppl.* **79** (1989) 1-10

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71. Ultraviolet and Optical Variations in Active Galactic Nuclei: The Seyfert 1 Galaxy NGC5548 (W. Wamsteker, P. Rodríguez, B.J. Wills, H. Netzer, D. Wills, R. Gilmozzi, M. Barylak, A. Talavera, D. Maoz, P. Barr, **A. Heck**), *Astrophys. J.* **354** (1990) 446-467
72. A List of Acronyms and Abbreviations in Astronomy and Space Sciences (**A. Heck**), *Astron. Astrophys. Suppl.* **86** (1990) 189-190

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- 73. * Astronomical Directories (**A. Heck**), in *Databases & On-line Data in Astronomy*, Eds. M.A. Albrecht & D. Egret, Kluwer Acad. Publ., Dordrecht (1991) 211-224
- 74. * The Real Stuff (**A. Heck**), in *Applying Fractals in Astronomy*, Eds. **A. Heck** & J.M. Perdang, *Lecture Notes in Physics* **m3**, Springer-Verlag, Heidelberg (1991) 201-210
- 75. A Directory of Astronomy, Space Sciences and Related Organizations of the World (**A. Heck**), *Astron. Astrophys. Suppl.* **90** (1991) 103-104

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- 76. * Astronomical Databases: A User Approach (**A. Heck**), in *Data Analysis in Astronomy IV*, Eds. V. Di Gesù, L. Scarsi, R. Buccheri, Ph. Crane, M.C. Maccarone & H.U. Zimmermann, Plenum Press, New York (1992) 21-28
- 77. * Electronic Publishing and 'Intelligent' Information Retrieval in Astronomy and Space Sciences (**A. Heck**), *Vistas in Astron.* **35** (1992) 215-237 [summary p. 488]
- 78. StarWays – A Database of Astronomy, Space Sciences and Related Organizations of the World (announcement of a database) (**A. Heck**, A. Ciarlo, H. Stokke), *Astron. Astrophys. Suppl.* **92** (1992) 565-566 [summary p. 489]

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- 79. * Electronic Publishing & Advanced Information Retrieval (**A. Heck**), in *Astron. Data Analysis Software and Systems II*, Eds. R.J. Hanisch, R.J.V. Brissenden & J. Barnes, *Astron. Soc. Pacific Conf. Series* **52** (1993) 121-132
- 80. Long-term Photometry of Variables at ESO. II. The Second Data Catalogue (1986-1990) (C. Sterken, J. Manfroid, K. Anton, A. Barzewski, E. Bibo, A. Bruch, M. Burger, H.W. Duerbeck, R. Duemmler, **A. Heck**, H. Hensberge, M. Hiesgen, F. Inklaar, A. Jorissen, A. Juettner, U. Kinkel, Liu Zongli, M.V. Mekkaden, Y.K. Ng, P. Niarchos, M. Püttmann, T. Szeifert, F. Spiller, R. van Dijk, N. Vogt, I. Wanders), *Astron. Astrophys. Suppl.* **102** (1993) 79-83
- 81. StarGuides. A Directory of Astronomy, Space Sciences and Related Organizations of the World (announcement of a catalogue) (**A. Heck**), *Astron. Astrophys. Suppl.* **102** (1993) 85-86 [summary p. 489]
- 82. StarBriefs. A Dictionary of Abbreviations, Acronyms, and Symbols in Astronomy, Space Sciences, and Related Fields (announcement of a catalogue) (**A. Heck**), *Astron. Astrophys. Suppl.* **102** (1993) 87 [summary p. 490]

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- 83. StarWords. A Database of Abbreviations, Acronyms, and Symbols in Astronomy, Space Sciences, and Related Fields (announcement of a database) (M.A. Albrecht, **A. Heck**), *Astron. Astrophys. Suppl.* **103** (1994) 471 [summary p. 490]

84. StarGates. A Database of Astronomy, Space Sciences and Related Organizations of the World (announcement of a database) (M.A. Albrecht, **A. Heck**), *Astron. Astrophys. Suppl.* **103** (1994) 473-474 [summary p. 490]
85. * SMR Stars, Strong CN Stars and R Stars (P.C. Keenan, **A. Heck**), *Rev. Mexicana Astron. Astrof.* **29** (1994) 103-110 [summary p. 479]
86. * A Review of the Star*s Family Products (**A. Heck**), in *Astron. Data Analysis Software and Systems III*, Eds. D.R. Crabtree, R.J. Hanisch & J. Barnes, *Astron. Soc. Pacific Conf. Series* **61** (1994) 135-138
87. AstroWeb – A Database of Links to Astronomy Resources (announcement of a database) (R.E. Jackson, D. Wells, H.M. Adorf, D. Egret, **A. Heck**, A. Koeckmoer, F. Murtagh), *Astron. Astrophys. Suppl.* **108** (1994) 235-236
88. StarWorlds – StarBits (announcement of two databases) (**A. Heck**, D. Egret, F. Ochsenbein), *Astron. Astrophys. Suppl.* **108** (1994) 447-448 [summary p. 490]
89. The Star*s Family: A Comprehensive Set of Yellow-page and On-line Services (**A. Heck**), *Vistas in Astron.* **38** (1994) 401-410

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90. StarHeads (announcement of a database) (**A. Heck**), *Astron. Astrophys. Suppl.* **109** (1995) 265 [summary p. 490]
91. * Réflexions sur les technologies de l'information (**A. Heck**), in *L'Internet Professionnel*, Éd. A. Simeray, CNRS Éditions, Paris (1995) 303-308
92. * Facets and Challenges of the Information Technology Evolution (**A. Heck**), in *Information & On-Line Data in Astronomy*, Eds. D. Egret & M.A. Albrecht, Kluwer Acad. Publ., Dordrecht (1995) 1-14 [summary p. 488]
93. * The Star*s Family: An Example of Comprehensive Yellow-page Services (**A. Heck**), in *Information & On-Line Data in Astronomy*, Eds. D. Egret & M.A. Albrecht, Kluwer Acad. Publ., Dordrecht (1995) 195-205
94. * WWW in Astronomy and Related Space Sciences (D. Egret, **A. Heck**), *Computer Networks and ISDN* **28** (1995) 161-166
95. * About this WAW Conference ... and More Generally on the WWW Practice (**A. Heck**), in *Weaving the Astronomy Web*, Eds. D. Egret & **A. Heck**, *Vistas in Astron.* **39** (1995) 1-6
96. * Electronic Publishing or Electronic Information Handling? (**A. Heck**), in *Library and Information Services in Astronomy II*, Eds. F. Murtagh, U. Grothkopf & M.A. Albrecht, *Vistas in Astron.* **39** (1995) 203-207

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- 97. * A Few Facets of the Kaleidoscope of Scientific Information (**A. Heck**), in *Data and Knowledge in a Changing World. I. Information Revolution: Impact on Science and Technology*, Eds. J.E. Dubois & N. Gershon, Springer-Verlag, Heidelberg (1996) 71-82
- 98. * Electronic Publishing and Information Handling: Plenty of Roses, but also Some Thorns (**A. Heck**), *Vistas in Astron.* **40** (1996) 303-316
- 99. * From an Early Electronic-Publishing Concept Towards an Advanced Electronic Information Handling (**A. Heck**), in *Electronic Publishing in Science*, Eds. D.F. Shaw & H. Moore, ICSU Press & UNESCO (1996) 95-101

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- 100. * Electronic Publishing in its Context (**A. Heck**), *Astrophys. Sp. Sc.* **247** (1997) 1-10 [Reprinted in *Electronic Publishing for Physics and Astronomy*, Kluwer Acad. Publ., Dordrecht (1997) 1-10] [summary p. 488]
- 101. * Electronic Yellow-page Services: The Star*s Family as an Example of Diversified Publishing (**A. Heck**), *Astrophys. Sp. Sc.* **247** (1997) 211-220 [Reprinted in *Electronic Publishing for Physics and Astronomy*, Kluwer Acad. Publ., Dordrecht (1997) 211-220] [summary p. 490]
- 102. * Electronic Astronomical Information Handling and Flexible Publishing (**A. Heck**), in *Proceedings of the Fifth Workshop on Data Analysis in Astronomy*, Eds. V. Di Gesù, M.J.B. Duff, **A. Heck**, M.C. Maccarone, L. Scarsi & H.U. Zimmermann, World Scientific, Singapore (1997) 365-376 [summary p. 489]

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- 103. About Statistical-Parallax Algorithms (**A. Heck**, J. Fernley), *Astron. Astrophys.* **332** (1998) 875-876 [summary p. 476]
- 104. Geographical Distribution of Observational Activities in Astronomy (**A. Heck**), *Astron. Astrophys. Suppl.* **130** (1998) 403-406 [summary p. 491]
- 105. * Electronic Publishing in its Context and in a Professional Perspective (**A. Heck**), *Rev. Modern Astron.* **11** (1998) 337-347 [summary p. 489]
- 106. Astronomy-Related Organizations over the World (**A. Heck**), *Astron. Astrophys. Suppl.* **132** (1998) 65-81 [summary p. 491]

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- 107. The Age of Astronomy-Related Organizations (**A. Heck**), *Astron. Astrophys. Suppl.* **135** (1999) 467-475 + **136** (1999) 615 [summary p. 491]
- 108. Harmonizing Cosmic Distance Scales in a Post-Hipparcos Era (D. Egret, **A. Heck**), *Publ. Astron. Soc. Pacific* **111** (1999) 123-124

109. * Context and Future of Electronic Publishing (**A. Heck**), in *Electronic Communication and Research in Europe*, Eds. J. Meadows & H.D. Böcker, Off. Publ. Eur. Comm., Luxembourg (1999) 153-167

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110. * From Data Files to Information Hubs: Beyond Technologies and Methodologies (**A. Heck**), in *Information Handling in Astronomy*, Kluwer Acad. Publ., Dordrecht (2000) 223-242 [summary p. 491]
111. * Characteristics of Astronomy-Related Organizations (**A. Heck**), *Astrophys. Sp. Sc.* **274** (2000) 733-783 [Reprinted with minor modifications as "Astronomy-Related Organizations: Geographical Distributions, Ages and Sizes" in *Organizations and Strategies in Astronomy*, Kluwer Acad. Publ., Dordrecht (2000) 7-66 [summary p. 492]
112. * Communicating in Astronomy (**A. Heck**), in *Organizations and Strategies in Astronomy*, Kluwer Acad. Publ., Dordrecht (2000) 165-184 [summary p. 492]

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113. * Information Handling in Astronomy (**A. Heck**), in *Encyclop. Astron. Astrophys.*, Ed. P. Murdin, Inst. Phys. Publ. & Nature Publ. Group (2001) 1200-1207
114. Creativity in Arts and Sciences: A Survey (**A. Heck**), in *Organizations and Strategies in Astronomy II*, Kluwer Acad. Publ., Dordrecht (2001) 257-268 [summary p. 492]

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115. * The Impact of New Media on 20th-Century Astronomy (**A. Heck**), *Astron. Nachr.* **323** (2002) 542-547 [summary p. 493]

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116. * Half a Century of Intense Maturation (**A. Heck**), in *Information Handling in Astronomy – Historical Vistas*, Kluwer Acad. Publ., Dordrecht (2003) 1-13
117. * From Early Directories to Current Yellow-Page Services (**A. Heck**), in *Information Handling in Astronomy – Historical Vistas*, Kluwer Acad. Publ., Dordrecht (2003) 183-205
118. Advertising from Space: A Real Danger? (**A. Heck**), in *Light Pollution: A Global View (proceedings)*, Ed. H.E. Schwarz, Kluwer Acad. Publ., Dordrecht (2003) 269-276 [summary p. 493]
119. * Astronomy Professional Communication (**A. Heck**), in *Astronomy Communication*, Eds. **A. Heck** & Cl. Madsen, Kluwer Acad. Publ., Dordrecht (2003) 203-220

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- 120. * A Matter of Achievement, of Maturity, and of Evaluation (**A. Heck**), in *Organizations and Strategies in Astronomy – Vol. 5*, Kluwer Acad. Publ., Dordrecht (2004) 1-9
- 121. * Switzerland Towards ESA and ESO: Diversity, Perseverance, and Diplomacy – An Interview with Marcel Golay (**A. Heck**), in *Organizations and Strategies in Astronomy – Vol. 5*, Kluwer Acad. Publ., Dordrecht (2004) 123-140

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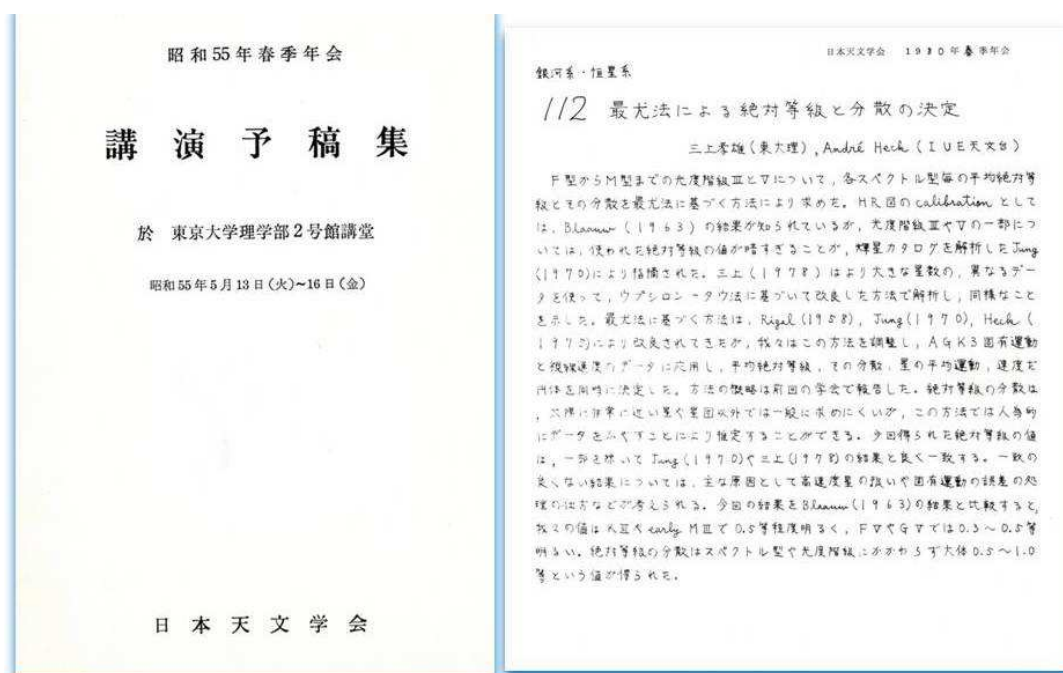


Fig. 230: Communication with Takao Mikami on the absolute luminosity calibration of cool stars (1980 Spring Meeting of the Japan Astronomical Society – Publ. 179).