

Bibliography from ADS file: heasley.bib
 September 14, 2022

- Flewelling, H. A., Magnier, E. A., Chambers, K. C., et al., "The Pan-STARRS1 Database and Data Products", 2020ApJS..251....7F [ADS](#)
- Chambers, K. C., Magnier, E. A., Metcalfe, N., et al., "The Pan-STARRS1 Surveys", 2016arXiv161205560C [ADS](#)
- Wang, P. F., Chen, W. P., Lin, C. C., et al., "VizieR Online Data Catalog: Photometry and proper motions in Praesepe (Wang+, 2014)", 2016yCat..17840057W [ADS](#)
- Wang, P. F., Chen, W. P., Lin, C. C., et al., "Characterization of the Praesepe Star Cluster by Photometry and Proper Motions with 2MASS, PPMXL, and Pan-STARRS", 2014ApJ...784...57W [ADS](#)
- Denneau, L., Jedicke, R., Grav, T., et al., "The Pan-STARRS Moving Object Processing System", 2013PASP..125..357D [ADS](#)
- McKinnon, R., Soderberg, A. M., Berger, E., et al., "Discovery of the Ultraluminous Type IIn Supernova PS1-11vo", 2013AAS...22125304M [ADS](#)
- Sanders, N. E., Soderberg, A. M., Valenti, S., et al., "SN 2010ay is a Luminous and Broad-lined Type Ic Supernova within a Low-metallicity Host Galaxy", 2012ApJ...756..184S [ADS](#)
- Berger, E., Chornock, R., Lunnan, R., et al., "Ultraluminous Supernovae as a New Probe of the Interstellar Medium in Distant Galaxies", 2012ApJ...755L..29B [ADS](#)
- Gezari, S., Chornock, R., Rest, A., et al., "An ultraviolet-optical flare from the tidal disruption of a helium-rich stellar core", 2012Natur.485..217G [ADS](#)
- Lee, C. H., Riffeser, A., Koppenhoefer, J., et al., "PAndromeda-First Results from the High-cadence Monitoring of M31 with Pan-STARRS 1", 2012AJ....143...89L [ADS](#)
- Saglia, R. P., Tonry, J. L., Bender, R., et al., "The Photometric Classification Server for Pan-STARRS1", 2012ApJ...746..128S [ADS](#)
- Pastorello, A., Smartt, S. J., Botticella, M. T., et al., "Ultra-bright Optical Transients are Linked with Type Ic Supernovae", 2010ApJ...724L..16P [ADS](#)
- Gezari, S., Rest, A., Huber, M. E., et al., "GALEX and Pan-STARRS1 Discovery of SN IIP 2010aq: The First Few Days After Shock Breakout in a Red Supergiant Star", 2010ApJ...720L..77G [ADS](#)
- Botticella, M. T., Trundle, C., Pastorello, A., et al., "Supernova 2009kf: An Ultraviolet Bright Type IIP Supernova Discovered with Pan-STARRS 1 and GALEX", 2010ApJ...717L..52B [ADS](#)
- "NSIED: XO Project Data Release 1 (XO-DRI)", 2009nsted.cat....7M [ADS](#)
- Heasley, J. N., "The Pan-STARRS Data Processing and Science Analysis Software Systems", 2008AIPC.1082..352H [ADS](#)
- Johns-Krull, C. M., McCullough, P. R., Burke, C. J., et al., "XO-3b: A Massive Planet in an Eccentric Orbit Transiting an F5 V Star", 2008ApJ...677..657J [ADS](#)
- Burke, C. J., McCullough, P. R., Valenti, J. A., et al., "XO-2b: Transiting Hot Jupiter in a Metal-rich Common Proper Motion Binary", 2007ApJ...671.2115B [ADS](#)
- Williamson, K. & Heasley, J. N., "Mass Determinations of Population II Binary Stars", 2007AAS...21113101W [ADS](#)
- Heasley, J. N., Jedicke, R., & Magnier, E., "The PSI Software Systems", 2007AAS...211.4717H [ADS](#)
- Johns-Krull, C. M., McCullough, P. M., Burke, C. J., et al., "The Unusual Transiting Extra-Solar Planet Orbiting XO-3", 2007AAS...210.9605J [ADS](#)
- Burke, C. J., McCullough, P. R., Valenti, J. A., et al., "XO-2b: A Transiting Hot Jupiter in a Metal-rich Common Proper Motion Binary", 2007AAS...210.3302B [ADS](#)
- Heasley, J. N., Nieto-Santisteban, M., Szalay, A., & Thakar, A., "The Pan-STARRS Object Data Manager Database", 2007AAS...210.2103H [ADS](#)
- McCullough, P. R., Stys, J. E., Valenti, J. A., et al., "A Transiting Planet of a Sun-like Star", 2006ApJ...648.1228M [ADS](#)
- Horch, E. P., Franz, O. G., Wasserman, L. H., & Heasley, J. N., "Fourier Analysis of Hubble Space Telescope Fine Guidance Sensor Data of Binary Stars and Application to the Multiple System HD 157948", 2006AJ....132..836H [ADS](#)
- Palaniappan, A., Heasley, J. N., Uhlmann, J. K., & Palaniappan, K., "A New Algorithm for Multiple Hypothesis-based Tracking and Discovery of Potentially Hazardous Near Earth Objects", 2005AAS...20715403P [ADS](#)
- Masiero, J. R., Jedicke, R., Price, P. A., Magnier, E. A., & Heasley, J. N., "Pan-STARRS: Main Belt Sky-Plane Density Determination, and Trialed Object Identification", 2005AAS...20712104M [ADS](#)
- McCullough, P. R., Stys, J. E., Valenti, J. A., et al., "The XO Project: Searching for Transiting Extrasolar Planet Candidates", 2005PASP..117..783M [ADS](#)
- Kaiser, N., Aussel, H., Burke, B. E., et al., "Pan-STARRS: A Large Synoptic Survey Telescope Array", 2002SPIE.4836..154K [ADS](#)
- Heasley, J. N., Franz, O. G., Wasserman, L. H., & Horch, E. P., "Physical Parameters of the Metal-Poor Binary System HD 157948", 2002AAS...201.0403H [ADS](#)
- Robinson, S. E., Horch, E. P., Franz, O. G., Wasserman, L. H., & Heasley, J. N., "Fourier Analysis of Fine Guidance Sensor Transfer Scans", 2002AAS...200.0813R [ADS](#)
- Brandner, W., Tully, R. B., & Heasley, J. N., "M31 Globular Clusters in the Near-Infrared", 2002IAUS..207..152B [ADS](#)
- Dietz, R. D., McCullough, P. R., Richmond, M. W., & Heasley, J. N., "Using Stardial in the Classroom", 2000AAS...197.8710D [ADS](#)
- Heasley, J. N., Janes, K. A., Zinn, R., et al., "Hubble Space Telescope Photometry of the Metal-rich Globular Clusters NGC 6624 and NGC 6637", 2000AJ....120..879H [ADS](#)
- Dunlop, J. S., Peacock, J. A., Savage, A., et al., "VizieR Online Data Catalog: Optical/IR observ. of Radio Galaxies and QSOs (Dunlop+, 1989)", 1999yCat..72381171D [ADS](#)
- Heasley, J. N., "Point-Spread Function Fitting Photometry", 1999ASPC..189...56H [ADS](#)
- Dietz, R. D., Heasley, J. N., & McCullough, P. R., "Stardial as an Instructional Tool", 1998AAS...193.3404D [ADS](#)
- Heasley, J. N., Janes, K., Labonte, B., et al., "The Prospects for Asteroseismology from Ground-based Sites", 1996PASP..108..385H [ADS](#)
- Fullton, L. K., Carney, B. W., Olszewski, E. W., et al., "The Age of NGC 5927: Formation Timescales of the Halo and Thick Disk", 1996ASPC...92..269F [ADS](#)
- Montgomery, K. A., Heasley, J. N., & Janes, K. A., "Photometry of Globular Cluster NGC 5466", 1994AAS...18510410M [ADS](#)
- Fullton, L. K., Carney, B. W., Coggins, J. M., et al., "Iterative/Recursive image deconvolution Method and application to HST images", 1994ASPC..61..288F [ADS](#)
- Janes, K. A. & Heasley, J. N., "Stellar Photometry Software", 1993PASP..105..527J [ADS](#)
- Sun, T., Rhoads, P. H. H., McLaren, R. A., & Heasley, J. N., "Present and future implementation of high-speed networks at 4200 m: the Mauna Kea Observatories communications network", 1993SPIE.1784..116S [ADS](#)
- Janes, K. A. & Heasley, J. N., "NGC 6293 and NGC 6333: Photometry of Two Clusters in the Central Bulge of the Galaxy", 1991AJ....101.2097J [ADS](#)
- Heasley, J. N. & Christian, C. A., "Photometry of the Outer Halo Globular Clusters NGC 5024 and NGC 5053", 1991AJ....101..967H [ADS](#)
- Christian, C. A. & Heasley, J. N., "The M31 Globular Cluster G219: Resolved V and I CCD Photometry", 1991AJ....101..848C [ADS](#)
- Janes, K. A. & Heasley, J. N., "Photometry of two metal-poor low-latitude globular clusters.", 1991ASPC..13..272J [ADS](#)
- Heasley, J. N. & Christian, C. A., "A Differential Comparison of 47 TUC and M71", 1991ASPC..13..266H [ADS](#)
- Christian, C. A. & Heasley, J. N., "Photometry of Stars in M 31 Globular Clusters", 1990ccd2.conf..65C [ADS](#)
- Dunlop, J. S., Peacock, J. A., Savage, A., et al., "The Parkes selected regions : deep optical and infrared observations of radio galaxies and quasars at high redshifts.", 1989MNRAS.238.1171D [ADS](#)
- Heasley, J. N., Christian, C. A., Friel, E. D., & Janes, K. A., "Erratum: "Photometry of Giant-Branch Stars in the M31 Globular Cluster G1" [A. J. 96, 1312 (1988)]", 1989AJ....97.1247H [ADS](#)
- Heasley, J. N., Christian, C. A., Friel, E. D., & Janes, K. A., "Photometry of Giant Branch Stars in the M31 Globular Cluster G1", 1988AJ....96.1312H [ADS](#)
- Christian, C. A. & Heasley, J. N., "CCD Photometry of NGC 2419", 1988AJ....95.1422C [ADS](#)
- Hill, G. J., Heasley, J. N., Becklin, E. E., & Wynn-Williams, C. G., "IRAS Galaxy Redshifts", 1988AJ....95.1031H [ADS](#)
- Janes, K. A. & Heasley, J. N., "NGC 2298- Another Perfectly Normal Globular Cluster in the Outer Halo", 1988AJ....95..762J [ADS](#)
- Heasley, J. N., "Cluster Photometry Programs at the University of Hawaii", 1988csa..proc....3H [ADS](#)
- Jacoby, G. H. & Heasley, J. N., "The PC as a Scientific Image Processing Workstation", 1988PASP..100..137J [ADS](#)
- Wolstencroft, R. D., Unger, S. W., Pedlar, A., et al., "Radio and Optical Studies of a Complete Sample of IRAS Galaxies", in A. Lawrence (Ed.), Comets to Cosmology, Vol. 297, 202 1988LNP...297..202W [ADS](#)
- Friel, E. D., Heasley, J. N., & Christian, C. A., "CCD photometry of the globular cluster NGC 4147.", 1987PASP..99.1248F [ADS](#)
- Pound, M. W., Janes, K. A., & Heasley, J. N., "CCD Photometry of the Globular Cluster NGC 288", 1987AJ....94.1185P [ADS](#)
- Wolff, S. C. & Heasley, J. N., "Activity in early F-type stars in the Hyades.", 1987PASP..99..957W [ADS](#)
- Wolstencroft, R. D., Puxley, P. J., Heasley, J. N., et al., "The Properties of Highly Luminous IRAS Galaxies", 1987NASCP2466..623W [ADS](#)

- Wolstencroft, R. D., Unger, S. W., Pedlar, A., et al., "Radio and optical studies of high luminosity IRAS galaxies.", 1987sbge.proc..269W ADS
- Christian, C. A. & Heasley, J. N., "CCD photometry of the outer halo clusters Pal 4 and NGC 2419.", 1987ESOC...27..381C ADS
- Friel, E. D., Heasley, J. N., & Christian, C. A., "CCD Photometry of the Globular Cluster NGC 4147", 1987BAAS...19..642F ADS
- Heasley, J. N. & Christian, C. A., "The Main-Sequence Color-Magnitude Diagram of M92", 1986ApJ...307..738H ADS
- Christian, C. A., Heasley, J. N., & Janes, K. A.: 1986, *The Open Cluster NGC 2158: Erratum*, Astrophysical Journal v.305, p.954 1986ApJ...305..954C ADS
- Henry, J. P. & Heasley, J. N., "High-resolution imaging from Mauna Kea: the triple quasar in 0.3-arc s seeing", 1986Natur.321..139H ADS
- Wynn-Williams, C. G., Heasley, J. N., Depoy, D. L., Hill, G. J., & Becklin, E. E., "IRAS 04238+5336: A Young Reflection Nebula Surrounding a Double Star", 1986ApJ...304..409W ADS
- Heasley, J. N., Janes, K. A. & Christian, C. A., "CCD and photographic photometry of NGC 1904.", 1986AJ.....91.1108H ADS
- Storrs, A. D., Tokunaga, A. T., Christian, C. A., & Heasley, J. N., "The distribution of dust in the inner coma of comet IRAS-Araki-Alcock (1983d)", 1986Icar...66..143S ADS
- Christian, C. A. & Heasley, J. N., "Color-Magnitude Diagram of Palomar 4: CCD Photometry", 1986ApJ...303..216C ADS
- Christian, C. A. & Heasley, J. N., "Deep(EST) colour-magnitude diagrams of clusters", 1986Ap&SS.118..453C ADS
- Christian, C. A., Heasley, J. N., & Janes, K. A., "The Open Cluster NGC 2158", 1985ApJ...299..683C ADS
- Wolff, S. C., Heasley, J. N., & Varsik, J., "He I lambda 5876 as an indicator of activity in main-sequence stars.", 1985PASP...97..707W ADS
- Beichman, C., Wynn-Williams, C. G., Lonsdale, C. J., et al., "The IRAS galaxy 0421+040P06 : an active spiral (?) galaxy with extended radio lobes.", 1985ApJ...293..148B ADS
- Wolff, S. C. & Heasley, J. N., "The determination of the helium abundance in main-sequence B stars.", 1985ApJ...292..589W ADS
- Heasley, J. N., "Numerical Restoration of Astronomical Images", 1984PASP...96..767H ADS
- Becklin, E. E., Heasley, J. N., Depoy, D. L., Hill, G. J., & Wynn-Williams, C. G., "IRAS 0423+536P03: A Remarkable Galactic Infrared Source", 1984BAAS...16Q.976B ADS
- Varsik, J. R., Wolff, S. C., & Heasley, J. N., "He I λ5876 as a Chromospheric Activity Indicator", 1984BAAS...16..940V ADS
- Wynn-Williams, C. G., Beichman, C., Lonsdale, C. J., et al., "The IRAS Galaxy 0421+040P06: An Active Spiral Galaxy with Extended Radio Lobes", 1984BAAS...16..916W ADS
- Beichman, C. A., Wynn-Williams, C. G., Lonsdale, C. J., et al.: 1984, *The IRAS galaxy 0421+040P06: an active spiral (?) galaxy with extended radio lobes* 1984STIN...8515536B ADS
- Wolff, S. C. & Heasley, J. N., "The He I D3 line in G and K stars.", 1984PASP...96..231W ADS
- Heasley, J. N., Pilcher, C. B., Howell, R. R., & Caldwell, J. J., "Restored methane band images of Uranus and Neptune", 1984Icar...57..432H ADS
- Wolff, S. C., Heasley, J. N., & Timothy, J. G., "The nature of stellar active regions.", 1983PASP...95.1025W ADS
- Heasley, J. N.: 1983, *The modelling of the solar upper photosphere and lower chromosphere based upon ATM data*, Final Technical Report Hawaii Univ., Honolulu. Inst. for Astronomy. 1983huha.rept....H ADS
- Becklin, E. E., Depoy, D. L., Heasley, J. N., & Wynn-Williams, C. G., "Multiwavelength CCD Observations of IRAS Source Fields", 1983BAAS...15Q.934B ADS
- Becklin, E. E., Depoy, D. L., Heasley, J. N., Lester, D. F., & Wynn-Williams, C. G., "Ground-Based Studies of IRAS Sources", 1983BAAS...15Q.914B ADS
- Heasley, J. N. & Wolff, S. C., "Hα line profiles in B stars: comparison of theory and observations.", 1983ApJ...269..634H ADS
- Heasley, J. N. & Milkey, R. W., "Structure and spectrum of quiescent prominences. IV. The ultraviolet ionization continua of hydrogen and helium.", 1983ApJ...268..398H ADS
- Heasley, J. N., Wolff, S. C., & Timothy, J. G., "He I lines in B stars: comparison of non-local thermodynamic equilibrium models with observations.", 1982ApJ...262..663H ADS
- Heasley, J. N.: 1982, *The modeling of the solar upper photosphere and lower chromosphere based upon ATM data* 1982STIN...8312033H ADS
- Pilcher, C. B., Howell, R. R., & Heasley, J. N., "CCD Images of Uranus and Neptune.", 1982BAAS...14R.761P ADS
- Pilcher, C. B., Howell, R. R., & Heasley, J. N., "CCD Images of Uranus and Neptune.", 1982BAAS...14Q.761P ADS
- Heasley, J. N., Roussel-Dupre, D., McAllister, H. C., & Beerman, C., "The aluminum I autoionization doublet in the quiet solar spectrum", 1981ApJ...248..352H ADS
- Lindsey, C. & Heasley, J. N., "Far-infrared continuum observations of solar faculae", 1981ApJ...247..348L ADS
- Heasley, J. N. & Wolff, S. C., "He I Lambda 4922 IN B-Stars - Comparison of Theory and Observations", 1981ApJ...245..977H ADS
- Heasley, J. N. & Allen, M. S., "Analysis of the solar magnesium lines", 1980ApJ...237..255H ADS
- Lindsey, C. A. & Heasley, J. N., "Far Infrared Continuum Observations of Solar Faculae", 1980BAAS...12..437L ADS
- Kneer, F. & Heasley, J. N., "Multidimensional radiative transfer in stratified atmospheres: gray radiative equilibrium.", 1979A&A...79..14K ADS
- Acton, L. W., Heasley, J. N., Sahal-Bréchot, S., & Stenflo, J., "Discussion", 1979phsp.col1..91A ADS
- Milkey, R. W., Heasley, J. N., Schmahl, E. J., & Engvold, O., "Frequency Redistribution Effects in the Formation of Lyman α in Prominences and Their Influence on the Ratio of Hα to Hβ", 1979phsp.col1..53M ADS
- Acton, L. W., Engvold, O., Heasley, J. N., et al., "Discussion", 1979phsp.col1..31A ADS
- Heasley, J. N. & Milkey, R. W., "Structure and spectrum of quiescent prominences. III. Application of theoretical models in helium abundance determinations.", 1978ApJ...221..677H ADS
- Auer, L. H. & Heasley, J. N., "The origin of the broad-band circular polarization in sunspots.", 1978A&A...64..67A ADS
- Heasley, J. N., Ridgway, S. T., Carbon, D. F., Milkey, R. W., & Hall, D. N. B., "The fundamental bands of CO in Arcturus: evidence for an inhomogeneous chromosphere.", 1978ApJ...219..970H ADS
- Auer, L. H., Heasley, J. N., & House, L. L., "The determination of vector magnetic fields from Stokes profiles.", 1977SoPh...55..47A ADS
- Heasley, J. N., "Radiative transfer in cylindrical media.", 1977JSQRT..18..541H ADS
- Auer, L. H., Heasley, J. N., & House, L. L., "Non-LTE line formation in the presence of magnetic fields.", 1977ApJ...216..531A ADS
- Heasley, J. N., Kneer, F., & Chapman, G. A., "The effects of partial redistribution on facular K line profiles.", 1977SoPh...52..309H ADS
- Heasley, J. N., Milkey, R. W., & Engvold, O., "The Ca II emission lines in quiescent prominences.", 1977SoPh...51..315H ADS
- Heasley, J. N., Ridgway, S. T., Carbon, D. F., Milkey, R. W., & Hall, D. N. B., "An Evaluation of a Model Chromosphere for Arcturus Using the 5-Micron Bands of Carbon Monoxide.", 1977BAAS...9..324H ADS
- Heasley, J. N. & Milkey, R. W., "Structure and spectrum of quiescent prominences. II. Hydrogen and helium spectra.", 1976ApJ...210..827H ADS
- Carbon, D. F., Milkey, R. W., & Heasley, J. N., "Departures from LTE in the fundamental bands of CO in cool stars.", 1976ApJ...207..253C ADS
- Heasley, J. N. & Milkey, R. W., "The fundamental bands of CO as chromospheric indicators in late-type giant stars.", 1976ApJ...205L..43H ADS
- Heasley, J. N. & Mihalas, D., "Structure and spectrum of quiescent prominences: energy balance and hydrogen spectrum.", 1976ApJ...205..273H ADS
- Auer, L. H. & Heasley, J. N., "An alternative formulation of the complete linearization method for the solution of non-LTE transfer problems.", 1976ApJ...205..165A ADS
- House, L. L., Baur, T. G., Elmore, D. E., et al., "Observation of Vector Magnetic Fields in Sunspots", 1976BAAS...8..346H ADS
- Heasley, J. N. & Kneer, F., "Formation of spectral lines with partial frequency redistribution.", 1976ApJ...203..660H ADS
- Heasley, J. N., "Asymmetries of the solar Ca ii lines", 1975SoPh...44..275H ADS
- Heasley, J. N., Tandberg-Hanssen, E., & Wagner, W. J., "Study of the He I emission lines in the solar atmosphere. III. The triplet-singlet line intensity ratios in solar prominences.", 1975A&A...40..391H ADS
- Auer, L. H., Heasley, J. N., & House, L. L., "Non-LTE Line Formation in the Presence of a Magnetic Field", 1975BAAS...7..349A ADS
- Mihalas, D., Heasley, J. N., & Auer, L. H.: 1975, *A non-LTE model stellar atmosphere computer program* 1975STIN...7630128M ADS
- Heasley, J. N., Mihalas, D., & Poland, A. I., "Theoretical Helium i Emission-Line Intensities for Quiescent Prominences", 1974ApJ...192..181H ADS
- Heasley, J. N., Mihalas, D., & Poland, A. I., "Theoretical Helium I Emission Line Intensities for Quiescent Prominences", 1974BAAS...6..220H ADS
- Heasley, J. N., Mihalas, D., & Poland, A. I., "Theoretical helium I emission line intensities for quiescent prominences.", 1974BAAS...6..219H ADS
- Milkey, R. W., Heasley, J. N., & Beebe, H. A., "Helium Excitation in the Solar Chromosphere: he i in a Homogeneous Chromosphere", 1973ApJ...186..1043M ADS
- Milkey, R. W., Heasley, J. N., & Beebe, H. A., "The Excitation of Chromospheric Helium", 1973BAAS...5U.277M ADS
- Heasley, J. N. & Mengel, J. G., "An estimate of stellar wind mass loss during the red giant phase of evolution", 19720bs...92..93H ADS
- Auer, L. H., Heasley, J. N., & Milkey, R. W., "A computational program for the solution of non-LTE transfer problems by the complete linearization method", 1972CoKit.555....A ADS
- Demarque, P. & Heasley, J. N., "Red giant evolution to the heliumflash of a super-metal-rich star", 1971MNRAS.155..85D ADS