

Bibliography from ADS file: elste.bib  
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- Elste, G. & Gilliam, L., "Limb Darkening Measurements Free of Instrumental Stray Light", 2007SoPh...240...9E ADS
- Elste, G. H., "Coffee breaks in Ann Arbor", 1998ASSL...222...43E ADS
- Seldin, J. H., Paxman, R. G., & Elste, G. H., "Solar Granulation Restoration using Phase-Diverse Speckle Imaging: Verification via Simulations and Measurements", 1995SPD...26...502S ADS
- Paxman, R. G., Seldin, J. H., & Elste, G. H., "Fine-Resolution Imaging of Solar Features using Phase-Diverse Speckle", 1995SPD...26...201P ADS
- Elste, G. H., "Line Shapes of Rotating Stars with Application to Alpha Lyrae", 1992ApJ...384...284E ADS
- Elste, G. H., "Asymmetries in Limb Darkening Reanalyzed", 1990SoPh...126...37E ADS
- Elste, G., "Limb Darkening Variations", 1988srov.proc...204E ADS
- Elste, G., "Manganese and carbon lines as temperature indicators.", 1986SoPh...107...47E ADS
- Elste, G., "Temperature Gradients in Regions with and Without Magnetic Fields", 1985tphr.conf...185E ADS
- Elste, G., "Temperature gradients in regions with and without magnetic fields.", 1985MPARp.212...185E ADS
- Elste, G., "Temperature Gradients in the Solar Granulation", in R. Muller (Ed.), High Resolution in Solar Physics, Vol. 223, 169 1985LNP...233...169E ADS
- Elste, G. H., "On the Sun's Limb Brightening in the Visible", 1984SoPh...93...15E ADS
- Gray, D. F., Linsky, J. L., & Elste, G. H., "Book-Review - Stellar Turbulence", 1983ApL...23...174G ADS
- Nauer, D. J., Teske, R. G., & Elste, G. E., "Characteristics of plage fragments with photospheric network properties", 1980SoPh...67...23N ADS
- Teske, R. G. & Elste, G. H., "Dependence of the correlation of small scale photospheric structures upon resolution.", 1979SoPh...62...241T ADS
- Elste, G. & Teske, R. G., "Photospheric network from study of manganese lines.", 1978SoPh...59...275E ADS
- Cowley, C. R., Elste, G. H., & Urbanski, J. L., "Vanadium abundances in early A stars.", 1978PASP...90...536C ADS
- Elste, G., "Reliable of Equivalent Width Determinations or how much can we Trust Published Data?", 1978hrs.conf...692E ADS
- Elste, G., "Hydrogen Lines in the Solar Atmosphere", 1975BAAS...7...366E ADS
- Elste, G. & Hartoog, M., "Balmer Lines and the Harvard - Smithsonian Reference Atmosphere.", 1973BAAS...5...20E ADS
- Elste, G., "Inhomogeneous photospheres.", 1972BAAS...4...424E ADS
- Elste, G. & Ionson, J., "Microturbulence in Main Sequence A and F Stars.", 1971BAAS...3...380E ADS
- Evans, J. C. & Elste, G., "Line broadening in gamma Equulei.", 1971A&A...12...428E ADS
- Fullerton, W. & Elste, G., "Effects of Penumbral Radiation on Physical Conditions in the Umbra of Sun Spots.", 1971BAAS...3...247F ADS
- Fullerton, W. & Elste, G., "The Ionization of Atoms in the Umbra by the Radiation Field of the Penumbra", 1970BAAS...2R.193F ADS
- Cowley, C. R., Elste, G. H., & Allen, R. H., "Astrophysical Damping Constants for Neutral Iron", 1969ApJ...158.1177C ADS
- Elste, G., "Excitation Temperatures of Fe I in the Sun and A Stars and Systematic Errors in the gf Scale", 1969BAAS...1R.340E ADS
- Elste, G., "Comments on the Bilderberg Continuum Atmosphere", 1968SoPh...3...106E ADS
- Elste, G. H. E., "The Distinction Between - and Macroturbulence in the Solar Photosphere Using Line Profiles", 1967ApJ...148...857E ADS
- Evans, J. C. & Elste, G., "An atmosphere analysis of the magnetic star Gamma Equulei", 1967AJ...72S.298E ADS
- Elste, G., "Difficulties in the explanation of the wings of the Balmer lines in sunspot umbrae", 1963JQSRT...3...187E ADS
- Elste, G., "Direct observational evidence for a small value of the turbulence in sunspot umbrae", 1963JQSRT...3...185E ADS
- David, K. H. & Elste, G., "Der Einfluß von Streulicht auf die Photometrie der Sonnenoberfläche. Mit 4 Textabbildungen", 1962ZA...54...12D ADS
- Elste, G., "Die Mitte-Rand-Variation schwacher bis mittelstarker Fraunhoferlinien auf der Sonnenscheibe", 1960VeGoe...6...287E ADS
- Elste, G., "The centre-limb-variation of weak and moderately strong Fraunhofer lines on the solar disc (Die Mitte-Rand-Variation schwacher bis mittelstarker Fraunhoferlinien auf der Sonnenscheibe)", 1960VeGoe...6...285E ADS
- ten Bruggencate, P. & Elste, G., "Temperatur und Turbulenz in ruhenden Protuberanzen, bestimmt aus Linien-Breiten", 1959VeGoe...7...257T ADS
- Elste, G., "Die Entzerrung von Spektrallinien unter Verwendung von Voigtfunktionen", 1958VeGoe...6...157E ADS
- Elste, G. & Jugaku, J., "Atmospheres of the B Stars.IV. The Calculation of Partition Functions.", 1957ApJ...125...742E ADS
- Aller, L. H., Elste, G., & Jugaku, J., "The Atmospheres of the B Stars. III. The Composition of Tau Scorpii.", 1957ApJS...3...1A ADS
- Elste, G., "Computation of individual curves of growth.", 1957AJ...62S...14E ADS
- Aller, L. H., Elste, G., & Jugaku, J., "The composition of  $\tau$  Scorpii.", 1957AJ...62R...2A ADS
- Elste, G., Jugaku, J., & Aller, L. H., "Theoretical Line Intensities and the Spectrum of Tau Scorpii", 1956PASP...68...23E ADS
- Aller, L. H., Elste, G., & Jugaku, J., "Theoretical line intensities and spectrum of  $\tau$ : Scorpii.", 1956AJ...61...1A ADS
- Elste, G., "Die Mitte-Rand-Variation schwacher bis mittelstarker Fraunhoferlinien auf der Sonnenscheibe. Mit 16 Textabbildungen", 1955ZA...37...184E ADS
- Elste, G. H.: 1954, "Die Entzerrung von Spektrallinien unter Verwendung von VoigtfunktionenDie Entzerrung von Spektrallinien unter Verwendung von VoigtfunktionenEqualization of spectral lines using Voigt functions;", Ph.D. thesis, Georg August University of Göttingen, Germany 1954PhDT...15E ADS
- Elste, G., "Die Entzerrung von Spektrallinien unter Verwendung von Voigtfunktionen. Mit 8 Textabbildungen", 1953ZA...33...39E ADS
- Elste, G., "The correction of spectral lines by using Voigt functions (Die Entzerrung von Spektrallinien unter Verwendung von Voigtfunktionen)", 1953VeGoe...6...194E ADS