

Bibliography from ADS file: jefferies-john.bib
September 14, 2022

- Jefferies, J. T. & Zirker, J. B., "Frank Quimby Orrall (15 October 1925 - 4 February 2000)", 2000SoPh..194..185J [ADS](#)
- Jefferies, J. T., "A legendary polyglot... and lovely days", 1998ASSL..222..96J [ADS](#)
- Gu, Y., Jefferies, J. T., Lindsey, C., & Avrett, E. H., "A Stochastic Model of the Solar Atmosphere", 1997ApJ...484..960G [ADS](#)
- Gu, Y., Lindsey, C., & Jefferies, J. T., "Radiative Transfer in Stochastic Media", 1995ApJ...450..318G [ADS](#)
- Lindsey, C., Gu, Y., & Jefferies, J. T., "Infrared Applications for Radiative Transport in Stochastic Media", 1995itsa.conf..313L [ADS](#)
- Gu, Y., Lindsey, C., & Jefferies, J. T., "Radiative Transfer in Stochastic Atmospheres", 1994AAS...185.0702G [ADS](#)
- Jefferies, J. T., "Overview of Infrared Solar Physics", 1994IAUS..154....1J [ADS](#)
- , "Infrared solar physics: proceedings of the 154th Symposium of the International Astronomical Union, held in Tucson, Arizona, U.S.A., March 2-6, 1992.", 1994IAUS..154....R [ADS](#)
- Harrison, R. A., Carter, M. K., Clark, T. A., et al., "An active solar prominence in 1.3 MM radiation", 1993A&A...274L..9H [ADS](#)
- Clark, T. A., Naylor, D. A., Tompkins, G. J., et al., "Measurement of the Height of the Solar CO Layer During the 11 July 1991 Eclipse", 1992AAS...181.8108C [ADS](#)
- Lindsey, C., Jefferies, J. T., Clark, T. A., et al., "Extreme-infrared brightness profile of the solar chromosphere obtained during the total eclipse of 1991", 1992Natur.358..308L [ADS](#)
- Kopp, G., Lindsey, C., Roellig, T. L., et al., "Chromospheric Dynamics Based on Infrared Solar Brightness Variations", 1992ApJ...388..203K [ADS](#)
- Lindsey, C. A. & Jefferies, J. T., "The Solar Chromospheric Supergranular Network in 850 Micron Radiation", 1991ApJ...383..443L [ADS](#)
- Roellig, T. L., Becklin, E. E., Jefferies, J. T., et al., "Submillimeter Solar Limb Profiles Determined from Observations of the Total Solar Eclipse of 1988 March 18", 1991ApJ...381..288R [ADS](#)
- Jefferies, J. T., "The Solar MG i Spectrum from ATOMS. I. Identification and Preliminary Discussion", 1991ApJ...377..337J [ADS](#)
- Jefferies, J. T. & Mickey, D. L., "On the Inference of Magnetic Field Vectors from Stokes Profiles", 1991ApJ...372..694J [ADS](#)
- Jefferies, J. T. & Mickey, D. L., "Direct inference of magnetic field vectors from Stokes profiles.", 1991sopo.work..373J [ADS](#)
- Deming, D., Jennings, D. E., Jefferies, J., & Lindsey, C., "Physics of the infrared spectrum.", in Solar Interior and Atmosphere, 933-963 1991sia..book..933D [ADS](#)
- Lindsey, C. A., Yee, S., Roellig, T. L., et al., "Submillimeter Observations of the Sun from the James Clerk Maxwell Telescope", 1990ApJ...353L..53L [ADS](#)
- Lindsey, C., Kopp, G., Becklin, E. E., et al., "Far-Infrared Intensity Variations Caused by 5 Minute Oscillations", 1990ApJ...350..475L [ADS](#)
- Lindsey, C. & Jefferies, J. T., "Statistical Concepts in Radiative Transfer through Inhomogeneous Media", 1990ApJ...349..286L [ADS](#)
- Jefferies, J. T., Lites, B. W., & Skumanich, A., "Transfer of Line Radiation in a Magnetic Field", 1989ApJ...343..920J [ADS](#)
- Roellig, T. L., Werner, M. W., Kopp, G., et al., "Profiles of the Extreme Solar Limb at Far Infrared and Submillimeter Wavelengths", 1989BAAS...21..765R [ADS](#)
- Jefferies, J. T. & Lindsey, C. A., "Radiative Transfer in Inhomogeneous Atmospheres: A Statistical Approach", 1988ApJ...335..372J [ADS](#)
- Roellig, T. R., Werner, M. W., Kopp, G., et al., "Submillimeter Observations of the Extreme Solar Limb by Occultation in the Total Solar Eclipse of 18 March 1988", 1988BAAS...20..689R [ADS](#)
- Lindsey, C., Becklin, E. E., Orrall, F. Q., et al., "Observations of Far-Infrared Solar Continuum Variations Due to Compression Waves", 1987BAAS...19S1014L [ADS](#)
- Orrall, F. Q., Becklin, E. E., Lindsey, C., et al., "Modeling the Solar Chromosphere by Airborne Solar Eclipse Observations", 1987BAAS...19.10140 [ADS](#)
- Lindsey, C., Becklin, E. E., Orrall, F. Q., et al., "Extreme Limb Profiles of the Sun at Far-Infrared and Submillimeter Wavelengths", 1986ApJ...308..448L [ADS](#)
- Lindsey, C., Becklin, E. E., Orrall, F. Q., et al.: 1986b, Extreme limb profiles of the sun at far-infrared and submillimeter wavelengths 1986STIN...8632375L [ADS](#)
- Giampapa, M. S., Jefferies, J. T., & Linsky, J. L.: 1986, *The SHIRSOG Workshop. Proceedings of a workshop on prospects for a new synoptic high resolution spectroscopic observing facility, held at the National Solar Observatory, National Optical Astronomy Observatories, Tucson, Arizona, USA, 3 September 1986.* 1986swp.book.....G [ADS](#)
- Becklin, E. E., Lindsey, C., Orrall, F. Q., et al., "Extreme limb profiles of the sun at far infrared and submillimeter wavelengths.", 1985NASCP2353...58B [ADS](#)
- Becklin, E. E., Lindsey, C., Orrall, F. Q., et al., "Extreme limb profiles of the Sun at far infrared and submillimeter wavelengths", 1984abas.symp...58B [ADS](#)
- Lindsey, C., Becklin, E. E., Orrall, F. Q., et al., "Extreme Limb Profiles of the Sun at Far Infrared and Submillimeter Wavelengths", 1984BAAS...16..992L [ADS](#)
- Jefferies, J. T., "In Memoriam: R. G. Giovanelli", 1984SoPh...94....1J [ADS](#)
- Lindsey, C., Becklin, E. E., Jefferies, J. T., et al., "Observations of the brightness profile of the sun in the 30-200 micron continuum", 1984ApJ...281..862L [ADS](#)
- Jefferies, J. T., Landman, D. A., & Orrall, F. Q.: 1983, *Coronal and chromospheric physics*, Semiannual Status Report, 1 Nov. 1982 - 30 Apr. 1983 Hawaii Univ., Honolulu. Inst. for Astronomy. 1983huha.rept.....J [ADS](#)
- Lindsey, C., Becklin, E. E., Jefferies, J. T., et al., "Submillimeter extensions of the solar limb determined from observations of the total eclipse of 1981 July 31", 1983ApJ...264L..25L [ADS](#)
- Lindsey, C., Becklin, E. E., Jefferies, J. T., et al.: 1982, *Submillimeter extensions of the solar limb determined from observations of the total eclipse of 1981 July 31* 1982STIN...8314047L [ADS](#)
- Jefferies, J. T.: 1982a, *Research in planetary astronomy and operation of Mauna Kea Observatory*, Semiannual Progress Report, Jan. - Dec. 1981 Hawaii Univ., Honolulu. Inst. for Astronomy. 1982huha.reptS....J [ADS](#)
- Jefferies, J. T.: 1982b, *Astronomical studies of the major planets, natural satellites and asteroids using the 2.24 M telescope*, Semiannual Progress Report, Jul. - Dec. 1982 Hawaii Univ., Honolulu. Inst. for Astronomy. 1982huha.reptR....J [ADS](#)
- Jefferies, J. T.: 1982c, *Astronomical studies of the major planets, natural satellites and asteroids using the 2.24 M telescope*, Semiannual Progress Report, Jan. - Jun. 1982 Hawaii Univ., Honolulu. Inst. for Astronomy. 1982huha.reptQ....J [ADS](#)
- Jefferies, J. T., "University of Hawaii, Institute for Astronomy, Honolulu, Hawaii 96822. Report.", 1982BAAS...14..177J [ADS](#)
- Becklin, E. E., Jefferies, J. T., Lindsey, C., et al.: 1981, *Submillimeter observations of solar limb-brightening in the total solar eclipse of 31 July 1981*, Final Technical Report, 1 Oct. 1980 - 30 Sep. 1981 Hawaii Univ., Honolulu. Inst. for Astronomy. 1981huha.rept.....B [ADS](#)
- Jefferies, J. T., Becklin, E. E., Lindsey, C., et al., "Submillimeter Continuum Observations of Solar Plages", 1981BAAS...13Q.881J [ADS](#)
- Orrall, F. Q., Becklin, E. E., Jefferies, J. T., et al., "Observations of the Center-to-Limb Intensity of the Quiet Sun at 30-200 μ m", 1981BAAS...13..8800 [ADS](#)
- Lindsey, C., Becklin, E. E., Jefferies, J. T., et al., "Submillimeter Observations of the Extreme Solar Limb Obtained in the Total Eclipse of 1981 July 31", 1981BAAS...13..880L [ADS](#)
- Becklin, E. E., Jefferies, J. T., Lindsey, C., et al., "A Comprehensive Study of the Sun in the Submillimeter Continuum", 1981BAAS...13..880B [ADS](#)
- Jefferies, J. T., "Institute for Astronomy, University of Hawaii, Honolulu, Hawaii 96822. Report.", 1981BAAS...13..177J [ADS](#)
- Jefferies, J. T., "Hawaii, University-Of", 1980BAAS...12..117J [ADS](#)
- Locke, J. L. & Jefferies, J. T., "Requests for Observing Time on the CFHT", 1979BCFHT...2...3L [ADS](#)
- Jefferies, J. T., "University of Hawaii, Institute for Astronomy, Honolulu, Hawaii. Observatory report.", 1979BAAS...11..115J [ADS](#)
- Cram, L. E., Krikorian, R., & Jefferies, J. T., "Ca II emission from stellar chromospheres.", 1979A&A...71..14C [ADS](#)
- Jefferies, J. T., "University of Hawaii, Institute for Astronomy, Honolulu, Hawaii. Observatory report.", 1977BAAS...9..106J [ADS](#)
- Allen, M. S., McAllister, H. C., & Jefferies, J. T.: 1977, *High resolution atlas of the solar spectrum 2678-2931 Å* 1977STIN...7831029A [ADS](#)
- Jefferies, J. T., "University of Hawaii, Institute for Astronomy, Honolulu, Hawaii. Observatory report.", 1976BAAS...8..99J [ADS](#)
- Dumont, S., Heidmann, N., Jefferies, J. T., & Pecker, J. C., "The abundance determination in a stellar atmosphere. I. LTE experimentation using an artificial non-LTE spectrum.", 1975A&A...40..127D [ADS](#)
- McAllister, H. C., Smith, P. H., & Jefferies, J. T., "High-Resolution Solar Spectra in the 2900 Å and the 1700 Å Range", 1975BAAS...7..365M [ADS](#)
- Finn, G. D. & Jefferies, J. T., "The Linear Polarization of Continuum Radiation in Sunspots", 1975BAAS...7..349F [ADS](#)
- Jefferies, J. T., "University of Hawaii, Institute for Astronomy, Honolulu, Hawaii. Observatory report.", 1975BAAS...7..623 [ADS](#)
- Finn, G. D. & Jefferies, J. T., "The Polarization of Continuum Radiation in Sunspots. I: Rayleigh and Thomson Scattering", 1974SoPh...39..91F [ADS](#)

- Finn, G. D. & Jefferies, J. T., "Non-LTE Profiles of the A1 I Autoionization Lines", 1974SoPh...34..57F [ADS](#)
- Jefferies, J. T., "Fine Structure of the Upper Chromosphere", 1974IAUS...56..71J [ADS](#)
- Jefferies, J. T., "University of Hawaii, Institute for Astronomy, Honolulu, Hawaii. Observatory report.", 1974BAAS....6..48J [ADS](#)
- Kunasz, C. V., Jefferies, J. T., & White, O. R., "Inversion of the Solar Limb-darkening Equation in the Presence of Noise", 1973A&A...28..15K [ADS](#)
- McAllister, H. C. & Jefferies, J. T., "Analysis of Si II Solar UV Emission Lines", 1973BAAS....5T.276M [ADS](#)
- Kunasz, C. V., Jefferies, J. T., & White, O. R., "Inversion of the Limb Darkening Equation in the Presence of Noise", 1973BAAS....5S.274K [ADS](#)
- Jefferies, J. T. & Morrison, N. D., "Temperature Distribution in a Stellar Atmosphere, Diagnostic Basis", in IAU Colloq. 19: Stellar Chromospheres, Vol. 317, 3 1973NASSP.317..3J [ADS](#)
- Jefferies, J. T., Simon, P., Beckers, J. M., & McLean, D. J., "Solar activity (Activité solaire).", 1973IAUTA..15..75J [ADS](#)
- Jefferies, J. T., "University of Hawaii, Institute for Astronomy, Honolulu, Hawaii. Observatory report for the period July 1971 through June 1972.", 1973BAAS....5..120J [ADS](#)
- Morrison, D. & Jefferies, J. T., "Hawaii's Mauna Kea Observatory Today", 1972S&T...44..361M [ADS](#)
- Jefferies, J. T., Orrall, F. Q., & Zirker, J. B., "The Interpretation of Total Line Intensities from Optically Thin Gases. III: Application to Coronal Forbidden Line Spectra", 1972SoPh...22..327J [ADS](#)
- Jefferies, J. T., Orrall, F. Q., & Zirker, J. B., "The Interpretation of Total Line Intensities from Optically Thin Gases. II: The Coronal Forbidden Lines", 1972SoPh...22..317J [ADS](#)
- Jefferies, J. T., Orrall, F. Q., & Zirker, J. B., "The Interpretation of Total Line Intensities from Optically Thin Gases. I: A General Method", 1972SoPh...22..307J [ADS](#)
- Jefferies, J. T., "University of Hawaii, Institute for Astronomy, Honolulu, Hawaii. Observatory report for the period July 1970 through June 1971.", 1972BAAS....4..45J [ADS](#)
- Jefferies, J. T., "Guest Investigators at the Mauna Kea Observatory", 1971PASP...83..693J [ADS](#)
- Jefferies, J. T., "Population Inversion in the Outer Layers of a Radiating Gas", 1971A&A...12..351J [ADS](#)
- Jefferies, J. T., Orrall, F. Q., & Zirker, J. B., "The spectrum of the chromosphere and corona from lambda 3000 to lambda 7000 on March 7, 1970.", 1971BAAS....3Q.262J [ADS](#)
- Jefferies, J. T., Orrall, F. Q., & Zirker, J. B., "Coronal models and coronal chemical abundances.", 1971BAAS....3..261J [ADS](#)
- Jefferies, J. T., Orrall, F. Q., & Zirker, J. B., "The Spectrum of the Inner Corona Observed during the Total Solar Eclipse of 30 May, 1965", 1971SoPh...16..103J [ADS](#)
- Jefferies, J. T., "Population inversion in the outer layers of radiating gas.", 1971JQSRT..11..545J [ADS](#)
- Jefferies, J. T., "Formation of Line Spectra-A Review", 1970PASA...1..356J [ADS](#)
- Jefferies, J. T., "Institute for Astronomy, University of Hawaii, Honolulu, Hawaii. Report 1968-1969.", 1970BAAS....2..49J [ADS](#)
- Jefferies, J. T., Orrall, F. Q., & Zirker, J. B., "Models for Coronal Condensations", 1969BAAS....1Q.246J [ADS](#)
- Jefferies, J. T., Orrall, F. Q., & Zirker, J. B., "Emission line spectrum of the solar corona.", 1969MSRSL..25..235J [ADS](#)
- Jefferies, J. T., "Forbidden lines in the solar corona.", 1969MSRSL..25..213J [ADS](#)
- Jefferies, J. T., Orrall, F. Q., & Zirker, J. B., "22. Eission Line Spectrum of the Solar Corona", 1969LIACo..15..235J [ADS](#)
- Jefferies, J. T., "21. Forbidden Lines in the Solar Corona, Introductory Report", 1969LIACo..15..213J [ADS](#)
- Finn, G. D. & Jefferies, J. T., "Studies in spectral line formation. III. Non-linear multi-level atom problems.", 1969JQSRT...9..469F [ADS](#)
- Jefferies, J. T., "Stellar aerodynamics. Introductory remarks.", 1969JQSRT...9..191J [ADS](#)
- Jefferies, J. T. & Sinton, W. M., "Progress at Mauna Kea Observatory", 1968S&T...36..140J [ADS](#)
- Dunn, R. B., Evans, J. W., Jefferies, J. T., et al., "The Chromospheric Spectrum at the 1962 Eclipse", 1968ApJS...15..275D [ADS](#)
- Jefferies, J. T.: 1968a, Spectral line formation 1968s1f..book.....J [ADS](#)
- Jefferies, J. T., "Formation and Analysis of Line Spectra-A Review of Some Recent Progress.", 1968AJS...73R..65J [ADS](#)
- Curtis, G. W. & Jefferies, J. T., "The Analysis of Spectral-Line Profiles. II. an Application to the Solar Sodium D-Lines", 1967ApJ...150..1061C [ADS](#)
- Jefferies, J. T. & White, O. R., "The Analysis of Spectral-Line Profiles. I. a. Generalized Theory for the Solar Case", 1967ApJ...150..1051J [ADS](#)
- Jefferies, J. T., "The Solar Observatory of the University of Hawaii", 1967SoPh...2..369J [ADS](#)
- Kulander, J. L. & Jefferies, J. T., "Inference of Velocities from Line Asymmetries", 1966ApJ...146..194K [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "Loop Prominences and Coronal Condensations. III. The Abundances of Iron and Calcium", 1966ApJ...145..231J [ADS](#)
- Jefferies, J. T., "The Solar Abundance of Iron", 1966IAUS...26..207J [ADS](#)
- Curtis, G. W., Jefferies, J. T., & Orrall, F. Q., "Eclipse Determination of Chemical Abundances in the Solar Corona.", 1966AJ....71S.382C [ADS](#)
- Jefferies, J. T., "Multilevel Problems", 1965SAOSR.174..177J [ADS](#)
- Jefferies, J. T., "Survey of the Problem", 1965SAOSR.174..3J [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "Loop Prominences and Coronal Condensations. II. The Source of Mass and Energy and a Model of the Loop Prominence Mechanism.", 1965ApJ...141..519J [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "Loop Prominences and Coronal Condensations. I. Non-Thermal Velocities Within Loop Prominences.", 1965ApJ...141..505J [ADS](#)
- Jefferies, J. T., "The Theory of the Chromospheric Spectrum", 1965ASSL...1..131J [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "Solar Flares and the Loop Prominence Mechanism", in NASA Special Publication, Vol. 50, 71 1964NASSP..50..71J [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "On the Interpretation of Prominence Spectra.VI. Temperature Determination and a Model for Quiescent Prominences.", 1963ApJ...137..1232J [ADS](#)
- Jefferies, J. T., Pecker, C. W., & Thomas, R. N., "The Structure of Regions of Coronal-Line Emission.", 1962ApJ...135..653J [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "On the Interpretation of Prominence Spectra. V. The Emission Lines in Quiescent Prominences.", 1962ApJ...135..109J [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "On the Interpretation of Prominence Spectra. IV. The Balmer and Paschen Continua in a Quiet Prominence.", 1961ApJ...134..747J [ADS](#)
- Giovanelli, R. G. & Jefferies, J. T., "Vertical Velocities in the Solar Chromosphere", 1961AuJPh..14..212G [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "On the Interpretation of Prominence Spectra. III. The Line and Continuous Spectrum of a Loop Prominence and Limb Flare.", 1961ApJ...133..963J [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "On the Interpretation of Prominence Spectra. II. The Line and Continuous Spectrum of the Spray-Type Limb Event of March 7, 1959.", 1961ApJ...133..946J [ADS](#)
- Jefferies, J. T. & Thomas, R. N., "A Comment of the NRL Solar Lyman-Alpha Results.", 1961ApJ...133..606J [ADS](#)
- Jefferies, J. T., "Source Function in a Non-Equilibrium Atmosphere. VII. The Interlocking Problem.", 1960ApJ...132..775J [ADS](#)
- Jefferies, J. T. & White, O. R., "Source Function in a Non-Equilibrium Atmosphere.VI. The Frequency Dependence of the Source Function for Resonance Line.", 1960ApJ...132..767J [ADS](#)
- Jefferies, J. T. & Thomas, R. N., "The Source Function in a Non-Equilibrium Atmosphere. V. Character of the Selfreversed Emission FO CA⁺H and K", 1960ApJ...131..695J [ADS](#)
- Jefferies, J. T., "Thermally Broadened Stark Profiles of Some High Balmer Lines.", 1960ApJ...131..690J [ADS](#)
- Dunn, R. B., Jefferies, J. T., & Orrall, F. Q., "The line and continuous emission observed in two limb flares", 1960Obs...80..31D [ADS](#)
- Jefferies, J. T. & Thomas, R. N., "Source Function in a Non-Equilibrium Atmosphere. III. The Influence of a Chromosphere.", 1959ApJ...129..401J [ADS](#)
- Jefferies, J. & Pottasch, S., "The nova outburst: III. The ionization of hydrogen gas by an exciting star", 1959ApJ...22..318J [ADS](#)
- Jefferies, J. T., Smith, E. V. P., & Smith, H. J., "The Flare of September 18, 1957.", 1959ApJ...129..146J [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "On the Interpretation of Prominence Spectra. I. Balmer Series Line Widths.", 1958ApJ...127..714J [ADS](#)
- Jefferies, J. T. & Thomas, R. N., "The Source Function in a Non-Equilibrium Atmosphere. II. The Depth Dependence of the Source Function for Resonance and Strong Subordinate Lines.", 1958ApJ...127..667J [ADS](#)
- Jefferies, J. T. & Orrall, F. Q., "The interpretation of Balmer line profiles in solar prominences.", 1957AJ.....62..143J [ADS](#)
- Jefferies, J. T., "Temperatures and electron densities in flares as derived from spectroscopic data", 1957MNRAS.117..493J [ADS](#)
- Jefferies, J. T., "The D_3 emission of prominences", 1956MNRAS.116..629J [ADS](#)
- Jefferies, J. T., "The High Temperature Excitation of Helium", 1955AuJPh...8..335J [ADS](#)
- Jefferies, J. T., "The Hα emission of prominences", 1955MNRAS.115..617J [ADS](#)
- Jefferies, J. T. & Giovanelli, R. G., "The Emission of Radiation from Model Hydrogen Chromospheres. II", 1954AuJPh...7..574J [ADS](#)
- Giovanelli, R. G. & Jefferies, J. T., "The Albedo for the Atomic Scattering of Optical Radiation", 1954AuJPh...7..570G [ADS](#)
- Jefferies, J. T., "Some Electron Collision Cross Sections of CaII", 1954AuJPh...7..223J [ADS](#)
- Jefferies, J. T., "Emission of Radiation from Model Hydrogen Chromospheres", 1953AuJPh...6..223J [ADS](#)