

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

- Rees, D. E. & Murphy, G. A., "Non-LTE Polarized Radiative Transfer in Special Lines", in Numerical Radiative Transfer, 241 2009nrt..book..241R ADS
- Rees, D. E., "A Gentle Introduction to Polarized Radiative Transfer", in Numerical Radiative Transfer, 213 2009nrt..book..213R ADS
- Semel, M., Rees, D. E., Ramírez Vélez, J. C., Stift, M. J., & Leone, F., "Multi-Line Spectro-Polarimetry of Stellar Magnetic Fields Using Principal Components Analysis", 2006ASPC..358..355S ADS
- Gary, G. A., West, E. A., Rees, D. E., et al., "C IV Vacuum Ultraviolet Fabry-Perot Interferometers for Transition-Region Magnetography", 2006ASPC..358..181G ADS
- Donati, J. F., Collier Cameron, A., Semel, M., et al., "Dynamo processes and activity cycles of the active stars AB Doradus, LQ Hydrae and HR 1099", 2003MNRAS.345.1145D ADS
- López Ariste, A., Rees, D. E., Socas-Navarro, H., & Lites, B. W., "Pattern recognition techniques and the measurement of solar magnetic fields", 2001SPIE.4477..96L ADS
- Rees, D. E., López Ariste, A., Thatcher, J., & Semel, M., "Fast inversion of spectral lines using principal component analysis. I. Fundamentals", 2000A&A...355..759R ADS
- Donati, J. F., Semel, M., Carter, B. D., Rees, D. E., & Collier Cameron, A., "Spectropolarimetric observations of active stars", 1997MNRAS.291..658D ADS
- Rees, D. E. & Geers, G., "Numerical Methods in Polarized Radiative Transfer", 1996SoPh..164..103R ADS
- Semel, M., Donati, J. F., & Rees, D. E., "Zeeman-Doppler imaging of active stars. III. Instrumental and technical considerations.", 1993A&A...278..231S ADS
- Donati, J. F., Brown, S. F., Semel, M., et al., "Photospheric imaging of the RS CVn system HR 1099.", 1992A&A...265..682D ADS
- Donati, J. F., Semel, M., & Rees, D. E., "Circularly polarized spectroscopic observations of RS CVn systems.", 1992A&A...265..669D ADS
- Donati, J. F., Brown, S. F., Semel, M., & Rees, D. E., "Mapping Magnetic Fields on Rapidly Rotating Stars: Application to the RS CVn System HR 1099", 1992ASPC...26..353D ADS
- Brown, S. F., Donati, J. F., Rees, D. E., & Semel, M., "Zeeman-Doppler imaging of solar-type and AP stars. IV. Maximum entropy reconstruction of 2D magnetic topologies.", 1991A&A...250..463B ADS
- Donati, J. F., Semel, M., Rees, D. E., Taylor, K., & Robinson, R. D., "Erratum - Detection of a Magnetic Region on HR:1099", 1991A&A...248..337D ADS
- Thatcher, J. D., Robinson, R. D., & Rees, D. E., "The chromospheres of late-type stars. I. EPS Eridani as a test case of multiline modelling.", 1991MNRAS.250..14T ADS
- Donati, J. F., Semel, M., Rees, D. E., Taylor, K., & Robinson, R. D., "Detection of a magnetic region of HR 1099.", 1990A&A...232L...1D ADS
- Rees, D. E., Murphy, G. A., & Durrant, C. J., "Stokes Profile Analysis and Vector Magnetic Fields. II. Formal Numerical Solutions of the Stokes Transfer Equations", 1989ApJ...339.1093R ADS
- Streater, A., Cooper, J., & Rees, D. E., "Transfer and Redistribution of Polarized Light in Resonance Lines. I. Quantum Formulation with Collisions", 1988ApJ...335..503S ADS
- Lites, B. W., Skumanich, A., Rees, D. E., & Murphy, G. A., "Stokes Profile Analysis and Vector Magnetic Fields. IV. Synthesis and Inversion of the Chromospheric MG i B Lines", 1988ApJ...330..493L ADS
- Lites, B. W., Skumanich, A., Rees, D. E., Murphy, G. A., & Carlsson, M., "Stokes Profile Analysis and Vector Magnetic Fields. III. Extended Temperature Minima of Sunspot Umbrae as Inferred from Stokes Profiles of MG i lambda 4571", 1987ApJ...318..930L ADS
- Murphy, G. A., Rees, D. E., Lites, B. W., & Skumanich, A., "Synthesis and Inversion of the Chromospheric Mg I ???-Line Stokes Profiles", 1987BAAS...19..938M ADS
- Rees, D. E. & Murphy, G. A., "Non-LTE Polarized Radiative Transfer in Special Lines", in W. Kalkofen (Ed.), Numerical Radiative Transfer, 241 1987nrt..book..241R ADS
- Rees, D. E., "A Gentle Introduction to Polarized Radiative Transfer", in W. Kalkofen (Ed.), Numerical Radiative Transfer, 213 1987nrt..book..213R ADS
- Lites, B. W., Skumanich, A., Rees, D. E., Murphy, G. A., & Carlsson, M., "Extended Temperature Minima of Sunspot Umbrae", 1986BAAS...18..662L ADS
- Ribes, E., Rees, D. E., & Cheng, F., "Observational diagnostics for models of magnetic flux tubes", 1985ApJ...296..268R ADS
- Skumanich, A., Rees, D. E., & Lites, B. W., "Least squares inversion of Stokes profiles in the presence of velocity gradients", 1985svmf.nasa..306S ADS
- Ribes-Nesme, E., Rees, D. E., & Cheng, F., "Dynamic models of flux tubes in the interpretation of polarization measurements", 1985svmf.nasa..300R ADS
- Skumanich, A., Rees, D. E., & Lites, B. W., "Least squares inversion of Stokes profiles in the presence of velocity gradients.", 1985NASCP2374..306S ADS
- Rees, D. E. & Saliba, G. J., "Solar CA II K resonance line polarization", 1983PASA...5..186R ADS
- Rees, D. E. & Saliba, G. J., "Non-LTE resonance line polarization with partial redistribution effects", 1982A&A...115....1R ADS
- House, L. L., Querfeld, C. W., & Rees, D. E., "Coronal emission-line polarization from the statistical equilibrium of magnetic sublevels. II - Fe XIV 5303 A", 1982ApJ...255..753H ADS
- Rees, D. E., "Solar polarimetry - Observations and theories", 1982PASA...4..335R ADS
- Auer, L. H., Rees, D. E., & Stenflo, J. O., "Resonance-Line Polarization - Part Six - Line Wing Transfer Calculations Including Excited State Interference", 1980A&A...88..302A ADS
- Rees, D. E. & Semel, M. D., "Line formation in an unresolved magnetic element: a test of the centre of gravity method.", 1979A&A...74....1R ADS
- Rees, D. E., "Non-LTE resonance line polarization in the absence of magnetic fields.", 1978PASJ...30..455R ADS
- Rees, D. E., "Resonance line polarization in finite atmospheres.", 1977ROlun..12...25R ADS
- Rees, D. E., "On Facular Models", 1974IAUS...56..177R ADS
- Wilson, P. R., Rees, D. E., Beckers, J. M., & Brown, D. R., "High Resolution Spectroscopy of the Disk Chromosphere. II. Time Sequence Observations of Ca II H and K Emissions", 1972SoPh...25...86W ADS
- Cannon, C. J. & Rees, D. E., "Line Transfer in the Presence of Two-Dimensional Velocity Gradients", 1971ApJ...169..157C ADS
- Rees, D. E., "On the Absorption Matrix in a Non-Uniform Magnetic Field", 1971SoPh...16...67R ADS
- Rees, D. E., "Velocity-Dependent Source Functions", 1970PASA...1..384R ADS
- Rees, D. E., "Line Formation in a Magnetic Field", 1969SoPh...10..268R ADS