

Bibliography from ADS file: roberts.bib
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- Riley, L. A., Weisshaar, D., Crawford, H. L., et al., “UCGretina GEANT4 simulation of the GRETINA Gamma-Ray Energy Tracking Array”, 2021NIMPA100365305R ADS
- Hees, A., Minazzoli, O., Savalle, E., et al., “Violation of the equivalence principle from light scalar fields: from Dark Matter candidates to scalarized black holes”, 2019arXiv190508524H ADS
- Euler, S., Gonzalez, J., & Roberts, B., “Simulation Studies for a Surface Veto Array to Identify Astrophysical Neutrinos at the South Pole”, 2015ICRC...34.1070E ADS
- Forster, K., Harrison, F., Grefenstette, B., et al., “NuSTAR observatory operations and data analysis”, 2014AAS...22343805F ADS
- Huang, W., Chu, X., Wang, Z., et al., “Simultaneous and Common-Volume Lidar Observations of Mesospheric Fe and Na Layers at Boulder: Main Layers, Sporadic Layers, and Meteor Trails”, 2011AGUFMSA51B1946H ADS
- Macnamara, C. K. & Roberts, B., “The period ratio for kink and sausage modes in a magnetic slab”, 2011A&A...526A..75M ADS
- Fong, W., Dahlke, I., Roberts, B., et al., “Initial Results of Na Density and Temperature Measurements by a STAR Na Lidar at Boulder”, 2010AGUFMSA43A1741F ADS
- Petrosyan, A., Balogh, A., Goldstein, M. L., et al., “Turbulence in the Solar Atmosphere and Solar Wind”, 2010SSRv...156..135P ADS
- Macnamara, C. K. & Roberts, B., “Effects of thermal conduction and compressive viscosity on the period ratio of the slow mode”, 2010A&A...515A..41M ADS
- Andries, J., van Doorselaere, T., Roberts, B., et al., “Coronal Seismology by Means of Kink Oscillation Overtones”, 2009SSRv...149...3A ADS
- Bester, M., Lewis, M., Roberts, B., et al., “THEMIS Operations”, 2008SSRv...141...91B ADS
- Roberts, B., “Progress in coronal seismology”, 2008IAUS...247...3R ADS
- McEwan, M. P., Díaz, A. J., & Roberts, B., “Analytical determination of coronal parameters using the period ratio $P_{1/2P_2}$ ”, 2008A&A...481..819M ADS
- Díaz, A. J., Donnelly, G. R., & Roberts, B., “Effect of coronal structure on loop oscillations: exponential profiles”, 2007A&A...476..359D ADS
- Donnelly, G. R., Díaz, A. J., & Roberts, B., “Effect of longitudinal density structure on a straight magnetic field modelling coronal arcade oscillations”, 2007A&A...471..999D ADS
- McEwan, M. P., Donnelly, G. R., Díaz, A. J., & Roberts, B., “On the period ratio $P_{1/2P_2}$ in the oscillations of coronal loops”, 2006A&A...460..893M ADS
- Díaz, A. J. & Roberts, B., “Slow MHD oscillations in density structured coronal loops”, 2006A&A...458..975D ADS
- Donnelly, G. R., Díaz, A. J., & Roberts, B., “Effect of coronal structure on loop oscillations”, 2006A&A...457..707D ADS
- Ruderman, M. S. & Roberts, B., “Comment on “Note on the Initial Value Problem for Coronal Loop Kink Waves” By P. S. Cally”, 2006SoPh...237..119R ADS
- Díaz, A. J., Zaqarashvili, T., & Roberts, B., “Fast magnetohydrodynamic oscillations in a force-free line-tied coronal arcade”, 2006A&A...455..709D ADS
- Czewowski, A., Green, A., Hovey, G., et al., “Java Message Service (JMS) use in the Telescope Automation and Remote Observing System (TAROS)”, 2006ASPC...351..208C ADS
- Díaz, A. J. & Roberts, B., “Fast Magnetohydrodynamic Oscillations in a Fibril Prominence Model”, 2006SoPh...236..111D ADS
- Kuassivi, Bonanno, A., Ferlet, R., Roberts, B., & Caplinger, J., “Astero-seismology of δ B stars with FUSE”, 2006ASPC...348..215K ADS
- Zaqarashvili, T. V. & Roberts, B., “Two-wave interaction in ideal magnetohydrodynamics”, 2006A&A...452.1053Z ADS
- Roberts, B., “Slow magnetohydrodynamic waves in the solar atmosphere”, 2006RSPTA.364..447R ADS
- Kuridze, D., Zaqarashvili, T. V., & Roberts, B., “Resonant Conversion of Standing Acoustic Oscillations Into ALFVÉN Waves in the β 1 Region of the Solar Atmosphere”, 2005ESASP.600E..89K ADS
- Wilson, G., Czewowski, A., Hovey, G. R., et al., “Telescope Automation and Remote Observing System (TAROS)”, 2005ASPC...347..563W ADS
- Foullon, C. & Roberts, B., “The influence of internal magnetic layers on the frequencies of solar p -modes”, 2005A&A...439..713F ADS
- Shergelashvili, B. M., Zaqarashvili, T. V., Poedts, S., & Roberts, B., ““Swing Absorption” of fast magnetosonic waves in inhomogeneous media”, 2005A&A...433...15S ADS
- Shergelashvili, B. M., Zaqarashvili, T. V., Poedts, S., & Roberts, B., ““Swing Absorption” of fast magnetosonic waves in inhomogeneous media”, 2005A&A...429..767S ADS
- Shergelashvili, B. M., Zaqarashvili, T. V., Poedts, S., & Roberts, B., “The Mechanism of Swing Absorption of Fast Magnetosonic Waves in Inhomogeneous Media”, 2004ESASP.575..431S ADS
- Kuassivi, Bonanno, A., Ferlet, R., Roberts, B., & Caplinger, J., “Astero-seismology of δ B stars with FUSE”, 2004astro.ph.11371K ADS
- Nakariakov, V. M., Roberts, B., & Wright, A. N., “Meeting report: Waves in solar and magnetospheric plasmas”, 2004A&G...45e..32N ADS
- Díaz, A. J., Oliver, R., Ballester, J. L., & Roberts, B., “Fast MHD oscillations in line-tied homogeneous coronal loops”, 2004A&A...424.1055D ADS
- Donnelly, G. R. & Roberts, B., “Coronal Loop Oscillations”, 2004ESASP.547..531D ADS
- Roberts, B., “MHD Waves in the Solar Atmosphere”, 2004ESASP.547...1R ADS
- Erdélyi, R., Petrovay, K., Roberts, B., & Aschwanden, M.: 2003, *Turbulence, Waves and Instabilities in the Solar Plasma* 2003twis.book...E ADS
- Kumar, N. & Roberts, B., “ION-Neutral Collisions Effect on MHD Surface Waves”, 2003SoPh...214..241K ADS
- Ballai, I., Thelen, J. C., & Roberts, B., “Solitary waves in a Hall solar wind plasma”, 2003A&A...404..701B ADS
- Ruderman, M. S. & Roberts, B., “Damping of coronal loop oscillations: resonant absorption at work”, 2002ESASP.506..745R ADS
- Roberts, B., “Waves and oscillations in the corona: theory”, 2002ESASP.506..481R ADS
- Zaqarashvili, T. V. & Roberts, B., “Swing coupling of sound and Alfvén waves”, 2002ESASP.506..79Z ADS
- Zaqarashvili, T. V. & Roberts, B., “Swing coupling between fast magnetosonic and Alfvén waves”, 2002ESASP.505..623Z ADS
- Ballai, I., Thelen, J. C., & Roberts, B., “Wave damping in Hall plasmas: application to the solar wind”, 2002ESASP.505..345B ADS
- Ballai, I., Erdélyi, R., & Roberts, B., “Ducted compressional waves in the magnetosphere in the double-polytropic approximation”, 2002AnGeo...20.1553B ADS
- Ruderman, M. S. & Roberts, B., “The Damping of Coronal Loop Oscillations”, 2002ApJ...577..475R ADS
- Zaqarashvili, T. V. & Roberts, B., “Swing wave-wave interaction: Coupling between fast magnetosonic and Alfvén waves”, 2002PhRvE...66b6401Z ADS
- Ballai, I., Thelen, J. C., & Roberts, B., “Nonlinear Waves In The Solar Wind”, 2002EGSGA...27..724B ADS
- Zaqarashvili, T. & Roberts, B., “Swing Coupling between Stellar Pulsations and Torsional Alfvén Oscillations”, 2002ASPC...259..484Z ADS
- Foullon, C. & Roberts, B., “Magnetoacoustic Surface Waves at the Base of the Convection Zone”, 2001ASSL...259..291F ADS
- Christian, D. J., Craig, N., Dupuis, J., & Roberts, B., “EUVE J0854+390: a New Cataclysmic Variable”, 2001IBVS.5032...1C ADS
- Roberts, B., “Solar Photospheric Magnetic Flux Tubes: Theory”, in P. Murdin (Ed.), *Encyclopedia of Astronomy and Astrophysics*, 2255 2000eaa...bookE2255R ADS
- Roberts, B., “Solar Interior: Influence of Magnetic Fields”, in P. Murdin (Ed.), *Encyclopedia of Astronomy and Astrophysics*, 2251 2000eaa...bookE2251R ADS
- Roberts, B., “Magnetohydrodynamic Waves”, in P. Murdin (Ed.), *Encyclopedia of Astronomy and Astrophysics*, 2225 2000eaa...bookE2225R ADS
- Foullon, C. & Roberts, B., “The influence of a buried magnetic field on solar p -modes”, 2000AIPC...537..240F ADS
- Boddie, D. & Roberts, B., “Convective collapse in a thin flux tube”, 2000AIPC...537..176B ADS
- Roberts, B., “Waves and Oscillations in the Corona - (Invited Review)”, 2000SoPh...193..139R ADS
- Kay, I., Sol, S., Kendall, J. M., et al., “Shear wave splitting observations in the Archean Craton of western Superior”, 1999GeoRL...26.2669K ADS
- Nakariakov, V. M., Roberts, B., & Murawski, K., “MHD Waves in Open Magnetic Structures”, 1999ASPC...184..243N ADS
- Mędrék, M., Murawski, K., & Roberts, B., “Damping and frequency reduction of the f -mode due to turbulent motion in the solar convection zone”, 1999A&A...349..312M ADS
- Nakariakov, V. M., Ofman, L., Deluca, E. E., Roberts, B., & Davila, J. M., “TRACE observation of damped coronal loop oscillations: Implications for coronal heating”, 1999Sci...285..862N ADS
- Kay, I., Musacchio, G., White, D., et al., “Imaging the moho and V_p/V_s ratio in the Western Superior Archean Craton with wide angle reflections”, 1999GeoRL...26.2585K ADS
- Pintér, B., Čadež, V. M., & Roberts, B., “Waves and instabilities in a stratified isothermal atmosphere with constant Alfvén speed - revisited”, 1999A&A...346..190P ADS
- Christian, D. J., Craig, N., Cahill, W., Roberts, B., & Malina, R. F., “The Second Extreme Ultraviolet Explorer Right Angle Program Catalog”, 1999AJ...117.2466C ADS

- Ofman, L., Nakariakov, V. M., Deluca, E., Roberts, B., & Davila, J. M., "Termination of the Reynolds number from TRACE Observation of Damped Coronal Loop Oscillations Induced by a Flare", 1999AAS...194.7909O ADS
- Bennett, K., Roberts, B., & Narain, U., "Waves in Twisted Magnetic Flux Tubes", 1999SoPh...185...41B ADS
- Ruderman, M. S., Nakariakov, V. M., & Roberts, B., "Alfvén wave phase mixing in two-dimensional open magnetic configurations.", 1999joso.proc...143R ADS
- Boddie, D., Roberts, B., Hood, A. W., & van der Linden, R., "On the magnetoacoustic waves in a current sheet.", 1999joso.proc...139B ADS
- Nakariakov, V. M., Roberts, B., & Murawski, K., "Nonlinear coupling of MHD waves in inhomogeneous steady flows", 1998A&A...332..795N ADS
- Joarder, P. S., Nakariakov, V. M., & Roberts, B., "A Manifestation of Negative Energy Waves in the Solar Atmosphere", 1997SoPh...176..285J ADS
- Christian, D. J., Craig, N., Cahill, W. D., Roberts, B., & Malina, R. F., "Preliminary Results from the Second EUVE Right Angle Program Catalog", 1997AAS...191.4112C ADS
- Smith, J. M., Roberts, B., & Oliver, R., "Magnetoacoustic wave propagation in current sheets.", 1997A&A...327..377S ADS
- Nakariakov, V. M., Roberts, B., & Murawski, K., "Alfvén Wave Phase Mixing as a Source of Fast Magnetosonic Waves", 1997SoPh...175...93N ADS
- Joarder, P. S., Nakariakov, V. M., & Roberts, B., "Oscillations in Prominence Fine-Structures", 1997SoPh...173...81J ADS
- Smith, J. M., Roberts, B., & Oliver, R., "Ducted fast waves in coronal loops: curvature effects.", 1997A&A...317..752S ADS
- Nakariakov, V. M., Roberts, B., & Joarder, P. S., "Negative energy wave instabilities in magnetic flux tubes.", 1997joso.proc...64N ADS
- Roberts, B. & Ulmschneider, P., "Dynamics of Flux Tubes in the Solar Atmosphere: Theory", in G. M. Simnett, C. E. Alissandrakis, and L. Vlahos (Eds.), European Meeting on Solar Physics, Vol. 489, 75 1997LNP...489...75R ADS
- Nakariakov, V. M. & Roberts, B., "Nonlinearly Selected Frequencies in Coronal Loops", 1996SoPh...168..273N ADS
- Roberts, B., Craig, N., Howell, S., & McGee, P., "Time-Resolved Optical Observations of the Magnetic CVEUVEJ1429-38.0", 1996AAS...188.7602R ADS
- Nakariakov, V. M., Roberts, B., & Mann, G., "MHD modes of solar wind flow tubes.", 1996A&A...311..311N ADS
- Roberts, B., "The influence of chromospheric magnetism on oscillation frequencies", 1996BASI...24..199R ADS
- Sirk, M. M., Craig, N., Christian, D., et al., "A New Magnetic CV: EUVE J2115-58.6", 1996AAS...188.7601S ADS
- Christian, D. J., Craig, N., Roberts, B., et al., "Optical Identifications of Fainter Late-type Stars from EUVE and ROSAT Detections", 1996AAS...188.7102C ADS
- Welsh, B. Y., Craig, N., & Roberts, B., "The distance to the Chain A high-velocity cloud complex.", 1996A&A...308..428W ADS
- Jain, R. & Roberts, B., "Discrete High-Frequency p-Modes", 1996ApJ...456..399J ADS
- Nakariakov, V. M. & Roberts, B., "On Fast Magnetosonic Coronal Pulsations", 1995SoPh...159..399N ADS
- Nakariakov, V. M. & Roberts, B., "Magnetosonic Waves in Structured Atmospheres with Steady Flows, I", 1995SoPh...159..213N ADS
- Schüssler, M., Schmidt, W., & Roberts, B., "Book-Review - Solar Magnetic Fields", 1995Obs...115..97S ADS
- McDonald, K., Stroozas, B., Antia, B., et al., "The World Wide Web: Cornerstone of the EUVE Science Archive", 1995ASPC...77...44M ADS
- Johnston, A., Roberts, B., & Wright, A. N., "High Frequency Waves and Chromospheric Magnetism", 1995ASPC...76..264J ADS
- Roberts, B., "Book Review: The cosmic dynamo / Kluwer, 1993", 1994Obs...114..183R ADS
- Jain, R. & Roberts, B., "Solar Cycle Variations in P-Modes and Chromospheric Magnetism", 1994SoPh...152..261J ADS
- Jain, R. & Roberts, B., "Surface effects of a magnetic field on p-modes: two layer atmosphere", 1994A&A...286..254J ADS
- Jain, R. & Roberts, B., "Effects of non-parallel propagation on p- and f-modes", 1994A&A...286..243J ADS
- Murawski, K. & Roberts, B., "Time Signatures of Impulsively Generated Waves in a Coronal Plasma", 1994SoPh...151..305M ADS
- Zhelyazko, I., Murawski, K., Goossens, M., Nenovski, P., & Roberts, B., "Modulations of slow sausage surface waves travelling along a magnetized slab", 1994JPlPh...51..291Z ADS
- Roberts, B. & Joarder, P. S., "Oscillations in quiescent prominences", in G. Belvedere, M. Rodono, and G. M. Simnett (Eds.), Advances in Solar Physics, Vol. 432, 173-178 1994LNP...432..173R ADS
- Jain, R. & Roberts, B., "Do p-Mode Frequency Shifts Suggest a Hotter Chromosphere at Solar Maximum?", 1993ApJ...414..898J ADS
- Joarder, P. S. & Roberts, B., "The modes of oscillation of a prominence. III. The slab in a skewed magnetic field.", 1993A&A...277..225J ADS
- Joarder, P. S. & Roberts, B., "The modes of oscillation of a Menzel prominence", 1993A&A...273..642J ADS
- Murawski, K. & Roberts, B., "Numerical Simulations of Fast Magnetohydrodynamic Waves in a Coronal Plasma - Part Four", 1993SoPh...145...65M ADS
- Murawski, K. & Roberts, B., "Random velocity field corrections of the f-mode. II. Vertical and horizontal flow", 1993A&A...272..601M ADS
- Murawski, K. & Roberts, B., "Random velocity field corrections of the f-mode. I. Horizontal flows", 1993A&A...272..595M ADS
- Murawski, K. & Roberts, B., "Numerical Simulations of Fast Magnetohydrodynamic Waves in a Coronal Plasma - Part Three", 1993SoPh...144..255M ADS
- Murawski, K. & Roberts, B., "Numerical Simulations of Fast Magnetohydrodynamic Waves in a Coronal Plasma - Part Two", 1993SoPh...144..101M ADS
- Roberts, B., "Solar p-modes and magnetic activity.", 1993wpst.conf...115R ADS
- Roberts, B., "MHD waves: a variety of phenomena.", 1993wpst.conf...3R ADS
- Murawski, K. & Roberts, B., "Numerical Simulations of Fast Magnetohydrodynamic Waves in a Coronal Plasma - Part One", 1993SoPh...143...89M ADS
- Johnston, A., Wright, A. N., & Roberts, B., "A Modified Bohr-Sommerfeld Condition for P-Modes", 1993ASPC...42..181J ADS
- Jain, R. & Roberts, B., "P-Mode Frequency Shifts and Chromospheric Magnetism", 1993ASPC...42...53J ADS
- Miles, A. J., Allen, H. R., & Roberts, B., "Magnetoacoustic Gravity Surface Waves - Part Two", 1992SoPh...141..235M ADS
- Miles, A. J. & Roberts, B., "Magnetoacoustic Gravity Surface Waves - Part One", 1992SoPh...141..205M ADS
- Joarder, P. S. & Roberts, B., "The modes of oscillation of a prominence. II - The slab with transverse magnetic field", 1992A&A...261..625J ADS
- Solanki, S. K. & Roberts, B., "Waves in solar magnetic flux tubes - The observational signature of undamped longitudinal tube waves", 1992MNRAS...256...13S ADS
- Joarder, P. S. & Roberts, B., "The modes of oscillation of a prominence. I. The slab with longitudinal magnetic field.", 1992A&A...256..264J ADS
- Mann, G., Marsch, E., & Roberts, B., "Surface and body waves in solar wind flow tubes", 1992sws.col1..495M ADS
- Evans, D. J. & Roberts, B., "Interpretation of solar-cycle variability in high-degree p-mode frequencies", 1992Natur...355..230E ADS
- Roberts, B., "Magnetohydrodynamic Waves in Structured Magnetic Fields", 1992ASIC...375..303R ADS
- Roberts, B., "Magnetic flux tubes as communication channels", 1992AIPC...267...24R ADS
- Jain, R. & Roberts, B., "Magnetoacoustic surface waves at a single interface", 1991SoPh...133..263J ADS
- Evans, D. J. & Roberts, B., "The Sensitivity of Chromospherically Induced p- and f-Mode Frequency Shifts to the Height of the Magnetic Canopy", 1991ApJ...371..387E ADS
- Jain, R. & Roberts, B., "Properties of Non-Parallel Magnetoacoustic Surface Waves (With 1 Figure)", 1991mcch.conf...511J ADS
- Miles, A. J. & Roberts, B., "Magnetoacoustic-Gravity Surface Waves (With 1 Figure)", 1991mcch.conf...508M ADS
- Roberts, B., "Magnetohydrodynamic Surface Waves (With 2 Figures)", 1991mcch.conf...494R ADS
- Roberts, B., "Magnetohydrodynamic waves in the Sun.", 1991gamp.conf...105R ADS
- Roberts, B., "Magnetohydrodynamic Waves in the Sun", 1991assm.conf...105R ADS
- Roberts, B., "Waves in the solar atmosphere", 1991GApFD...62...83R ADS
- Evans, D. J. & Roberts, B., "The Influence of a Chromospheric Magnetic Field on the Solar p- and f-Modes. II. Uniform Chromospheric Field", 1990ApJ...356..704E ADS
- Roberts, B., "Oscillations in the Sun.", 1990sppp.conf...1R ADS
- Miles, A. J. & Roberts, B., "Magnetoacoustic Surface Waves in the Solar Atmosphere.", 1990ppsa.conf...77M ADS
- Edwin, P. M., Mann, G., Roberts, B., & Zhelyazkov, I., "Evolution of fast sausage mode wave packets in coronal flux tubes.", 1990PDHO...7..138E ADS
- Roberts, B., "Waves in Magnetic Flux Tubes", 1990IAUS...142..159R ADS
- Solanki, S. K. & Roberts, B., "The Observational Signature of Flux Tube Waves and an Upper Limit on the Energy Flux Transported by Them", 1990IAUS...138..259S ADS
- Solanki, S. K. & Roberts, B., "Waves in solar photospheric flux tubes and their influence on the observable spectrum", 1990GMS...58..181S ADS

- Roberts, B., "Properties and models of photospheric flux tubes", 1990GMS...58..113R ADS
- Evans, D. J. & Roberts, B., "The Oscillations of a Magnetic Flux Tube and Its Application to Sunspots", 1990ApJ...348..346E ADS
- Miles, A. J. & Roberts, B., "On the Properties of Magnetoacoustic Surface Waves", 1989SoPh...119..257M ADS
- Campbell, W. R. & Roberts, B., "The Influence of a Chromospheric Magnetic Field on the Solar *p*- and *f*-Modes", 1989ApJ...338..538C ADS
- Trottet, G., Pick, M., & Roberts, B., "Book-Review - Particle Acceleration and Trapping in Solar Flares", 1989Obs...109...33T ADS
- Sedlacek, Z. & Roberts, B., "Resonance absorption of energy by a cold inhomogeneous plasma", 1989JPlPh...41...97S ADS
- Roberts, B., "Magnetohydrodynamic waves in stratified atmospheres.", 1989pig.conf..687R ADS
- Roberts, B. & Campbell, W. R., "The influence of a chromospheric magnetic field on *p*- and *f*-modes.", 1988ESASP.286..311R ADS
- Edwin, P. M. & Roberts, B., "Employing analogies for ducted MHD waves in dense coronal structures", 1988A&A...192..343E ADS
- Roberts, B., "Solar Magnetohydrodynamics", in B. Buti (Ed.), Cometary and Solar Plasma Physics, 1 1988cspbook...1R ADS
- Campbell, W. R. & Roberts, B., "Magnetic Effects on Solar *P*-Modes", 1988IAUS...123..161C ADS
- Edwin, P. M. & Roberts, B., "MHD waves in the solar atmosphere.", 1987ESASP.275..169E ADS
- Roberts, B., "On Magnetohydrodynamic Solitons in Jets", 1987ApJ...318..590R ADS
- Mein, P. & Roberts, B., "Joint Discussion on Topics of Sessions 9 and 10", 1987rfsm.conf..292M ADS
- Edwin, P. & Roberts, B., "Thermal Dissipation in Slender Flux Tubes and Structured Media", 1987rfsm.conf..250E ADS
- Roberts, B., "Guided MHD waves as a coronal diagnostic tool.", 1986NASCP2442..325R ADS
- Roberts, B. & Campbell, W. R., "Magnetic field corrections to solar oscillation frequencies", 1986Natur.323..603R ADS
- Edwin, P. M., Roberts, B., & Hughes, W. J., "Dispersive ducting of MHD waves in the plasma sheet: A source of *Pi2* wave bursts", 1986GeoRL...13..373E ADS
- Lee, M. A. & Roberts, B., "On the Behavior of Hydromagnetic Surface Waves", 1986ApJ...301..430L ADS
- Roberts, B., "Dynamical Processes in Magnetic Flux Tubes", 1986ssmf.conf..169R ADS
- Edwin, P. M. & Roberts, B., "Impulsively generated fast coronal pulsations.", 1986NASCP2449..347E ADS
- Kundu, M. R., Holman, G. D., & Roberts, B., "Book-Review - Unstable Current Systems and Plasma Instabilities in Astrophysics - I.A.U. SYMP.107", 1985Obs...105..240K ADS
- Roberts, B., "Solitary waves in a magnetic flux tube", 1985PhFl...28.3280R ADS
- Roberts, B., "Magnetohydrodynamic waves.", 1985ssmf.conf...37R ADS
- Hollweg, J. V. & Roberts, B., "Surface solitary waves and solitons", 1984JGR...89.9703H ADS
- Small, L. M. & Roberts, B., "On running penumbral waves.", 1984ESASP.220..257S ADS
- Roberts, B., "Waves in inhomogeneous media.", 1984ESASP.220..137R ADS
- Roberts, B., Edwin, P. M., & Benz, A. O., "On coronal oscillations", 1984ApJ...279..857R ADS
- Roberts, B., Einaudi, G., Toricelli, G., Cargill, P., & Durrant, C. J., "Suggestions for future investigations", 1984ost1.conf..183R ADS
- Roberts, B., "Discussions in the MHD theory group", 1984ost1.conf..179R ADS
- Roberts, B., "Non-equilibrium and instability in coronal structures.", 1984ost1.conf...75R ADS
- Roberts, B., "The creation of fine structure by magnetic fields", 1984AdSpR...4h..17R ADS
- Edwin, P. M. & Roberts, B., "Wave Propagation in a Magnetic Cylinder", 1983SoPh...88..179E ADS
- Roberts, B., Edwin, P. M., & Benz, A. O., "Fast pulsations in the solar corona", 1983Natur.305..688R ADS
- Roberts, B., "Wave propagation in intense flux tubes.", 1983SoPh...87...77R ADS
- Spruit, H. C. & Roberts, B., "Magnetic flux tubes on the Sun", 1983Natur.304..401S ADS
- Rae, I. C. & Roberts, B., "Wave Diagrams for Magnetohydrodynamic Modes in a Magnetically Structured Atmosphere", 1983SoPh...84...99R ADS
- Rae, I. C. & Roberts, B., "MHD wave motion in magnetically structured atmospheres", 1983A&A...119...28R ADS
- Roberts, B., "Solitons in magnetic flux tubes", 1983IAUS...102...61R ADS
- Rae, I. C. & Roberts, B., "On MHD wave propagation in inhomogeneous plasmas and the mechanism of resonant absorption", 1982MNRAS.201.1171R ADS
- Rae, I. C. & Roberts, B., "Pulse propagation in a magnetic flux tube", 1982ApJ...256..761R ADS
- Edwin, P. M. & Roberts, B., "Wave Propagation in a Magnetically Structured Atmosphere - Part Three - the Slab in a Magnetic Environment", 1982SoPh...76..239E ADS
- Roberts, B. & Mangeney, A., "Solitons in solar magnetic flux tubes", 1982MNRAS.198P...7R ADS
- Hollweg, J. V. & Roberts, B., "Bound oscillations on thin magnetic flux tubes - Convective instability and umbral oscillations", 1981ApJ...250..398H ADS
- Roberts, B., "Waves in magnetic structures", 1981phss.conf..369R ADS
- Roberts, B., "Wave Propagation in a Magnetically Structured Atmosphere - Part Two - Waves in a Magnetic Slab", 1981SoPh...69...39R ADS
- Roberts, B., "Wave Propagation in a Magnetically Structured Atmosphere - Part One - Surface Waves at a Magnetic Interface", 1981SoPh...69...27R ADS
- Rae, I. C. & Roberts, B., "Surface waves and the heating of the corona", 1981GApFD...18..197R ADS
- Roberts, B. & Frankenthal, S., "The Thermal Statics of Coronal Loops", 1980SoPh...68..103R ADS
- Webb, A. R. & Roberts, B., "Vertical Motions in an Intense Magnetic Flux Tube - Part Five - Radiative Relaxation in a Stratified Medium", 1980SoPh...68...87W ADS
- Webb, A. R. & Roberts, B., "Vertical Motions in an Intense Magnetic Flux Tube - Part Four - Radiative Relaxation in a Uniform Medium", 1980SoPh...68...71W ADS
- Roberts, B., "Recent development in the theory of perfect MHD waves in magnetically structured media.", 1980AnPh...5..453R ADS
- Roberts, B. & Webb, A. R., "Vertical Motions in an Intense Magnetic Flux Tube - Part Three - on the Slender Flux Tube Approximation", 1979SoPh...64...77R ADS
- Milne, A. M., Priest, E. R., & Roberts, B., "A model for quiescent solar prominences.", 1979ApJ...232..304M ADS
- Roberts, B., "Spicules: The resonant response to granular buffeting?", 1979SoPh...61...23R ADS
- Priest, E. R., Milne, A. M., & Roberts, B., "A Modified KIPPENHAHN-SCHLÜTER Model for Quiescent Prominences.", 1979phsp.col1..184P ADS
- Webb, A. R. & Roberts, B., "Vertical motions in an intense magnetic flux tube. II: convective instability.", 1978SoPh...59..249W ADS
- Roberts, B. & Webb, A. R., "Vertical motions in an intense magnetic flux tube.", 1978SoPh...56...5R ADS
- Roberts, B., "Intense magnetic fields and umbral dots.", 1976SoPh...50..329R ADS
- Roberts, B., "Overstability and cooling in sunspots.", 1976ApJ...204..268R ADS
- Roberts, B. & Priest, E. R., "On the maximum rate of magnetic-field reconnection for Petschek's mechanism", 1975JPlPh...14..417R ADS
- Roberts, B. & Sozou, C., "Adiabatic transverse waves in a conducting gas", 1971JPlPh...6..249R ADS