List of Publications: Richard Dendy, June 2007

Books

"Plasma Physics: An Introductory Course"
R O Dendy, editor
Cambridge University Press, 536pp, 1993.

"Plasma Dynamics"
R O Dendy
Oxford University Press, 172pp, 1990.
Japanese translation, Kodansha Scientific Publishing, 165pp, 1996.

Refereed journal articles

(127) "Fusion, space, and solar plasmas as complex systems"
R O Dendy, S C Chapman and M Paczuski
Plasma Physics and Controlled Fusion **49**, A95 (2007)

(126) "Intermittency, dissipation and scaling in two-dimensional magnetohydrodynamic turbulence"
J A Merrifield, S C Chapman and R O Dendy
Physics of Plasmas **14**, 012301 (2007)

(125) "Mutual information as a tool for identifying phase transitions in dynamical complex systems with limited data"
R T Wicks, S C Chapman, and R O Dendy
Physical Review E **75**, 051125 (2007)

(124) "Characterisation and interpretation of strongly nonlinear phenomena in fusion, space, and astrophysical plasmas"
R O Dendy and S C Chapman
Plasma Physics and Controlled Fusion **48**, B313 (2006)

(123) "Two-stream instability in collisionless shocks and foreshocks"
M E Dieckmann, B Eliasson, P K Shukla, N J Sircombe and R O Dendy
Plasma Physics and Controlled Fusion **48**, B303 (2006)

(122) "Aspects of electron acoustic wave physics in laser backscatter from plasmas"
N J Sircombe, T D Arber, and R O Dendy
Plasma Physics and Controlled Fusion **48**, 1141 (2006)

(121) “Phase speed of electrostatic waves: the critical parameter for efficient electron surfing in plasmas”
M E Dieckmann, N J Sircombe, P K Shukla, M Parviainen and R O Dendy
Plasma Physics and Controlled Fusion **48**, 489 (2006)

(120) “The scaling properties of two-dimensional compressible magnetohydrodynamic turbulence”
J A Merrifield, T D Arber, S C Chapman and R O Dendy
Physics of Plasmas **13,** 012305 (2006)

(119) “Surfatron and stochastic acceleration of electrons in astrophysical plasmas”
K G McClements, R O Dendy, M E Dieckmann, A Ynnerman and S C Chapman
Journal of Plasma Physics **71**, 127 (2005)

(118) “Comparison of L-mode and H-mode plasma edge fluctuations in the Mega-Amp Spherical Tokamak”
B D Dudson, R O Dendy, A Kirk, H Meyer and G F Counsell
Plasma Physics and Controlled Fusion **47**, 885 (2005).

(117) “Theoretical investigations of frequency sweeping in the Mega-Amp Spherical Tokamak”
R G L Vann, R O Dendy, and M P Gryaznevich
Physics of Plasmas **12**, 032501 (2005).

(116) “Perpendicular shock reformation and ion acceleration”
S C Chapman, R E Lee and R O Dendy
Space Science Reviews **121**, 5 (2005).

(115) “The scaling properties of dissipation in incompressible MHD turbulence”
J A Merrifield, W C Müller, S C Chapman, and R O Dendy
Physics of Plasmas **12**, 022301 (2005).

(114) “Mutual information between geomagnetic indices and the solar wind as seen by WIND: implications for propagation time estimates”
T K March, S C Chapman, and R O Dendy
Geophysical Research Letters **32,** L04101 (2005).

(113) “Accelerated electron populations formed by Langmuir wave-caviton interactions”
N J Sircombe, T D Arber, and R O Dendy
Physics of Plasmas, **12**, 012303 (2005).

(112) “Reforming perpendicular shocks in the presence of pickup protons: initial ion acceleration”
R E Lee, S C Chapman, and R O Dendy
Annales Geophysicae **23**, 643 (2005).

(111) “Ion acceleration processes at reforming collisionless shocks”
R E Lee, S C Chapman, and R O Dendy
Physics of Plasmas, **12**, 012901 (2005).

(110) “Recurrence plots and their transformations: visualisation, quantification, and comparison of patterns in natural data”
T K March, S C Chapman, and R O Dendy
Physica D, **200**, 171 (2005).

(109) “Laboratory plasma astrophysics experiments using lasers”
N C Woolsey, C Courtois, and R O Dendy
Plasma Physics and Controlled Fusion, **46**, B397 (2004).

(108) “Robustness and scaling: key observables in the dynamic magnetosphere”
S C Chapman, R O Dendy, and N W Watkins
Plasma Physics and Controlled Fusion, **46**, B157 (2004).

(107) “Complexity and criticality in fusion, space, and astrophysical plasmas”
R O Dendy, S C Chapman, and T K March
Physica A **340**, 607 (2004).

(106) “Experiment on collisionless plasma interaction with applications to supernova remnant physics”
C Courtois, R A D Grundy, A D Ash, D M Chambers, N C Woolsey, R O Dendy, and K G McClements
Physics of Plasmas **11**, 3386 (2004).

(105) “Off-axis electron cyclotron heating and the sandpile paradigm for transport in tokamak plasmas”
T K March, S C Chapman, R O Dendy, and J A Merrifield
Physics of Plasmas **11**, 659 (2004).

(104) “Numerical simulations of local shock reformation and ion acceleration in supernova remnants”
R E Lee, S C Chapman, and R O Dendy
Astrophysical Journal **604**, 187 (2004).

(103) “Probability distribution functions for ELM bursts in a series of JET tokamak discharges”
J Greenhough, S C Chapman, R O Dendy, and D J Ward
Plasma Physics and Controlled Fusion **45**, 747 (2003).

(102) “Transport and confinement in the Mega Amp Spherical Tokamak”
R J Akers, J W Ahn, ... , R O Dendy, ...(MAST team)

Plasma Physics and Controlled Fusion **45**, A175 (2003).

(101) “Solar flares as cascades of reconnecting magnetic loops”
D Hughes, M Paczuski, R O Dendy, P Helander, and K G McClements
Physical Review Letters **90**, 131101-1 (2003).

(100) “Fully nonlinear phenomenology of the Berk-Breizman system”
R G L Vann, R O Dendy, G Rowlands, T Arber, and N d'Ambrumenil
Physics of Plasmas **10**, 623 (2003).

(99) “Statistical characterisation of full-disk EUV/XUV solar irradiance and correlation with solar activity"
J Greenhough, S C Chapman, R O Dendy, V M Nakariakov, and G Rowlands
Astronomy and Astrophysics **409**, L17 (2003).

(98) “Self organisation of edge and internal pedestals in a sandpile”
S C Chapman, R O Dendy, and B Hnat
Plasma Physics and Controlled Fusion **45**, 301 (2003).

(97) “Identification of a 12-17 day timescale in X-ray observations of GRS 1915+105”
J Greenhough, S C Chapman, S Chaty, R O Dendy, and G Rowlands
Monthly Notices of the Royal Astronomical Society **340,** 851 (2003).

(96) “Electron pre-acceleration mechanisms in the foot region of high Alfvénic Mach number shocks”
H Schmitz, S C Chapman, and R O Dendy
Astrophysical Journal **579**, 327 (2002).

(95) “Energetic particles in magnetic confinement systems: synergies beyond fusion”
R O Dendy, K G McClements, M E Dieckmann and N C Woolsey
Nuclear Fusion **42**, 986 (2002).

(94) “The influence of electron temperature and magnetic field on cosmic ray injection at high Mach number shocks”
H Schmitz, S C Chapman and R O Dendy
Astrophysical Journal **570**, 637 (2002).

(93) “The role of clustering effects in non-diffusive transport in tokamaks”
J P Graves, R O Dendy, K I Hopcraft, and E Jakeman
Physics of Plasmas **9**, 1596 (2002).

(92) “Characterising anomalous transport in accretion discs from X-ray observations”
J Greenhough, S C Chapman, S Chaty, R O Dendy and G Rowlands
Astronomy and Astrophysics **385**, 693 (2002).

(91) “Non-Gaussian transport in strong plasma turbulence”
S V Annibaldi, G Manfredi, and R O Dendy
Physics of Plasmas **9**, 791 (2002).

(90) “Surfatron and stochastic acceleration of electrons at supernova remnant shocks”
K G McClements, M E Dieckmann, A Ynnerman, S C Chapman and R O Dendy
Physical Review Letters **87**, 255002-1 (2001).

(89) “Shock acceleration of cosmic rays: a critical review”
J G Kirk and R O Dendy
Journal of Physics G **27**, 1589 (2001).

(88) “A sandpile model with tokamak-like enhanced confinement phenomenology”
S C Chapman, R O Dendy and B Hnat
Physical Review Letters **86**, 2814 (2001).
(87) “Zonal flow and streamer generation in drift turbulence”
G Manfredi, C M Roach and R O Dendy
Plasma Physics and Controlled Fusion **43**, 825 (2001).

(86) “Collisionless shock and supernova remnant simulation experiments on VULCAN”
N C Woolsey, ... , P Carolan, R O Dendy, P Helander, ... , S J Rose
Physics of Plasmas **8**, 2439 (2001).

(85) “A simple avalanche model for astroplasma and laboratory confinement systems”
S C Chapman, R O Dendy and B Hnat
Physics of Plasmas **8**, 1969 (2001).

(84) “Testing the SOC hypothesis for the magnetosphere”
N W Watkins, M P Freeman, S C Chapman and R O Dendy
Journal of Atmospheric and Solar-Terrestrial Physics **63**, 1435 (2001).

(83) “Electron acceleration due to high frequency instabilities at supernova remnant shocks”
M E Dieckmann, K G McClements, S C Chapman, R O Dendy and L O'C Drury
Astronomy and Astrophysics **356**, 377 (2000).

(82) “Evidence for strange kinetics in Hasegawa-Mima turbulent transport”
S V Annibaldi, G Manfredi, R O Dendy and L O'C Drury
Plasma Physics and Controlled Fusion **42**, L13 (2000).

(81) “Sawtooth evolution during JET ICRH pulses”
J P Graves, K I Hopcraft, R O Dendy, R J Hastie, K G McClements and M Mantsinen
Physical Review Letters **84**, 1204 (2000).

(80) “A sandpile model with dual scaling regimes for laboratory, space and astrophysical plasmas”
S C Chapman, R O Dendy and G Rowlands
Physics of Plasmas **6**, 4169 (1999).

(79) “Robustness of collective behaviour in strongly driven avalanche models: magnetospheric implications”
N W Watkins, S C Chapman, R O Dendy and G Rowlands
Geophysical Research Letters **26**, 2617 (1999).

(78) “Exactly solvable sandpile with fractal avalanching”
P Helander, S C Chapman, R O Dendy, G Rowlands and N W Watkins
Physical Review **59**, 6356 (1999).

(77) “Ion cyclotron emission from JET deuterium-tritium plasmas”
K G McClements, C Hunt, R O Dendy and G A Cottrell
Physical Review Letters **82**, 2099 (1999).

(76) “Energetic particles in plasma astrophysics”
R O Dendy and J G Kirk
Plasma Physics and Controlled Fusion **41**, A427 (1999).

(75) “On the role of self-organised criticality in accretion systems”
R O Dendy, P Helander and M Tagger
Astronomy and Astrophysics **337**, 962 (1998).

(74) “Fusion plasma experiments on TFTR: a twenty year retrospective”
R J Hawryluk, S Batha, ... , R O Dendy, ... , S J Zweben (Princeton team)
Physics of Plasmas **5**, 1577 (1998).

(73) “A simple avalanche model as an analogue for magnetospheric activity”
S Chapman, N Watkins, R O Dendy, P Helander and G Rowlands
Geophysical Research Letters **25**, 2397 (1998).

(72) “Amplitude modulation of kinetic Alfvén waves and the formation of nonlinear structures”
P K Shukla, R Bingham and R O Dendy
Physics Letters A **239,** 369 (1998).

(71) “On the appearance and non-appearance of self-organised criticality in sandpiles”
R O Dendy and P Helander
Physical Review E **57**, 3641 (1998).

(70) “Sandpiles, silos and tokamak phenomenology: a brief review”
R O Dendy and P Helander

Plasma Physics and Controlled Fusion **39**, 1947 (1997).

(69) "TFTR DT experiments"
J D Strachan, S Batha, ... , R O Dendy, ... , S J Zweben (Princeton team)
Plasma Physics and Controlled Fusion **39**, B103 (1997).

(68) "Deuterium-tritium plasmas in novel regimes in the Tokamak Fusion Test Reactor"
M G Bell, S Batha, ... , R O Dendy, ... , S J Zweben (Princeton team)
Physics of Plasmas **4**, 1714 (1997).

(67) "Conversion of neutrinos in dense plasmas"
R Bingham, R A Cairns, J M Dawson, R O Dendy, C N Lashmore-Davies and V N Tsytovich
Physics Letters A **232**, 257 (1997).
(66) "Interpretation of measurements of ICRF heated minority proton distributions in JET"
K G McClements, R O Dendy and A Gondhalekar
Nuclear Fusion **37**, 473 (1997).

(65) "Transport properties of energetic particles in a turbulent electrostatic field"
G Manfredi and R O Dendy
Physics of Plasmas **4**, 628 (1997).

(64) "Alpha-particle physics in the Tokamak Fusion Test Reactor DT experiment"
S J Zweben, S H Batha, ... , R O Dendy, ... , V Yavorski (Princeton alpha-particle physics team)
Plasma Physics and Controlled Fusion **39**, A275 (1997).

(63) "Acceleration of cosmic ray electrons by ion-excited waves at quasi-perpendicular shocks"
K G McClements, R O Dendy, R Bingham, J G Kirk and L O'C Drury
Monthly Notices of the Royal Astronomical Society **291**, 241 (1997).

(62) "Simulation of relativistic electron generation in underdense laser plasma experiments"
G Manfredi, R Bingham and R O Dendy
Laser and Particle Beams **15**, 197 (1997).

(61) "Ponderomotive force acceleration of ions in the auroral region
P K Shukla, L Stenflo, R Bingham and R O Dendy
Journal of Geophysical Research **101**, 27449 (1996).

(60) "Modelling of sawtooth destabilisation during radio-frequency heating experiments in the Joint European Torus"
K G McClements, R O Dendy, R J Hastie and T J Martin

Physics of Plasmas **3**, 2994 (1996).

(59) "Test-particle transport in strong electrostatic drift turbulence with finite Larmor radius effects"
G Manfredi and R O Dendy
Physical Review Letters **76**, 4360 (1996).

(58) "Scattering of electromagnetic waves by counter-rotating vortex streets in plasmas"
R Guerra, J T Mendonca, R O Dendy and P K Shukla
Physics of Plasmas **3**, 901 (1996).

(57) "Excitation of ion cyclotron harmonic waves in cosmic ray shocks"
K G McClements, R O Dendy, L O'C Drury and P Duffy
Monthly Notices of the Royal Astronomical Society **280**, 219 (1996).

(56) "Interpretation of ion cyclotron emission from sub-Alfvénic fusion products in the Tokamak Fusion Test Reactor"
K G McClements, R O Dendy, C N Lashmore-Davies, G A Cottrell, S Cauffman and R Majeski
Physics of Plasmas **3**, 543 (1996).

(55) "Vlasov gyrokinetic simulations of ion-temperature-gradient driven instabilities"
G Manfredi, M Shoucri, R O Dendy, A Ghizzo and P Bertrand
Physics of Plasmas **3**, 202 (1996).

(54) "Overview of DT results from TFTR"
M G Bell, K M McGuire, ... , R O Dendy, ... , S Zweben (Princeton team)
Nuclear Fusion **35**, 1429 (1995).

(53) "Alfvénic behaviour of alpha-particle driven ion cyclotron emission in TFTR"
S Cauffman, R Majeski, K G McClements and R O Dendy
Nuclear Fusion **3**, 1597 (1995).

(52) "Ion cyclotron emission due to collective instability of fusion products and beam ions in JET and TFTR"
R O Dendy, K G McClements, C N Lashmore-Davies, G A Cottrell, R Majeski and S Cauffman
Nuclear Fusion **35**, 1733 (1995).

(51) "Stabilistation of the ideal m = 1 internal kink by alpha particles and ICRF-heated ions"
K G McClements, R O Dendy, C G Gimblett, R J Hastie and T J Martin
Nuclear Fusion **35**, 1761 (1995).

(49) Electrostatic solitary structures in non-thermal plasmas"

R A Cairns, A A Mamun, R Bingham, R Bostrom, R O Dendy, C M C Nairn and P K Shukla
Geophysical Research Letters **22**, 2709 (1995).

(48) "Recent D-T results on TFTR"
D W Johnson, V Arunasalam, ... , R O Dendy, ... , S J Zweben (Princeton team)
Plasma Physics and Controlled Fusion **37**, A69 (1995).

(47) "Anomalous transport and particle acceleration at shocks"
P Duffy, J G Kirk, Y A Gallant and R O Dendy
Astronomy and Astrophysics **302**, L21 (1995).

(46) "Fokker-Planck modelling of auroral wave-particle interactions"
R O Dendy, B M Harvey, M O'Brien and R Bingham
Journal of Geophysical Research **100**, 21973 (1995).

(45) "Review of deuterium-tritium results from the Tokamak Fusion Test Reactor"
K M McGuire, H Adler, ... , R Dendy, ... , S Zweben (Princeton team)
Physics of Plasmas **2**, 2176 (1995).

(44) "A model for ideal m = 1 internal kink stabilization by minority ion cyclotron resonant heating"
R O Dendy, R J Hastie, K G McClements and T J Martin
Physics of Plasmas **2**, 1623 (1995).

"Interpretation of ion cyclotron emission from fusion and space plasmas"
R O Dendy
Plasma Physics and Controlled Fusion **36**, B163 (1994).

(42) "A mechanism for beam-driven excitation of ion cyclotron harmonic waves in TFTR"
R O Dendy, K G McClements, C N Lashmore-Davies, R Majeski and S Cauffman
Physics of Plasmas **1**, 3407 (1994).

(41) "A model for the generation of obliquely propagating ULF waves near the geomagnetic equator"
K G McClements, R O Dendy and C N Lashmore-Davies
Journal of Geophysical Research **99**, 23685 (1994).

(40) "Superthermal ion cyclotron emission from fusion and space plasmas: a single physical mechanism"
R O Dendy, C N Lashmore-Davies, K G McClements, K F Kam and G A Cottrell
Physica Scripta **T52**, 135 (1994).

(39) “The excitation of obliquely propagating fast Alfvén waves at fusion ion cyclotron harmonics”
R O Dendy, C N Lashmore-Davies, K G McClements and G A Cottrell
Physics of Plasmas **1**, 1918 (1994).

(38) “Scattering of electromagnetic waves by drift turbulent vortices in a plasma”
R O Dendy and J T Mendonca
Plasma Physics and Controlled Fusion **36**, 1245 (1994).

(37) “Ion cyclotron emission - a natural diagnostic for fusion alpha-particles”
R O Dendy, C N Lashmore-Davies, G A Cottrell, K G McClements and K F Kam
Fusion Technology **25**, 334 (1994).

(36) “Ion cyclotron emission measurements during JET deuterium-tritium experiments”
G A Cottrell, V P Bhatnagar, O da Costa, R O Dendy, J Jacquinot, K G McClements, D C McCune, M F F Nave, P Smeulders and D F H Start
Nuclear Fusion **33**, 1365 (1993).

(35) “Electromagnetic ion cyclotron instability driven by a hot minority ion species with temperature anisotropy”
C N Lashmore-Davies, R O Dendy and K F Kam
Plasma Physics and Controlled Fusion **35**, 1529 (1993).

(34) “Ion cyclotron wave emission at the quasi-perpendicular bow shock”
R O Dendy and K G McClements
Journal of Geophysical Research **98**, 15531 (1993).

(33) “The magnetoacoustic cyclotron instability of an extended shell distribution of energetic ions”
R O Dendy, C N Lashmore-Davies and K F Kam
Physics of Fluids **B5**, 1937 (1993).

(32) “Ion cyclotron harmonic wave generation by ring protons in space plasmas”
K G McClements and R O Dendy
Journal of Geophysical Research **98**, 11689 (1993).

(31) “A gyrokinetic calculation of transmission and reflection of the fast wave in the ion cyclotron range of frequencies”
C N Lashmore-Davies, V Fuchs and R O Dendy
Physics of Fluids **B5**, 3 (1993).

(30) “A possible excitation mechanism for observed superthermal ion cyclotron emission from tokamak plasmas”
R O Dendy, C N Lashmore-Davies and K F Kam
Physics of Fluids **B4**, 3996 (1992).

(29) “Trapped-passing fluid model for tokamak neoclassical transport”
R W Harvey and R O Dendy
Physics of Fluids **B4**, 902 (1992).

(28) “Gyrokinetic theory of fast wave transmission with arbitrary wavenumber in a non-uniformly magnetised plasma”
C N Lashmore-Davies and R O Dendy
Physics of Fluids **B4**, 493 (1992).

(27) “Wave propagation near a cyclotron resonance in a non-uniform equilibrium magnetic field”
R A Cairns, C N Lashmore-Davies, R O Dendy, B M Harvey, R J Hastie and H Holt
Physics of Fluids **B3**, 2953 (1991).

(26) “Lagrangian dynamics of a charged particle in a tokamak magnetic field”
R O Dendy
Physics of Fluids **B3**, 1644 (1991).

(25) “On the anomalous Doppler/inner Lindblad resonance”
R O Dendy
Plasma Physics and Controlled Fusion **33**, 1069 (1991).

(24) “The absorption of electron cyclotron waves in the vicinity of an extremum of the equilibrium magnetic field”
C N Lashmore-Davies, R O Dendy and R J Hastie
Physics of Fluids **B2**, 1021 (1990).

(23) “Gyrokinetic theory of perpendicular cyclotron resonance in a non-uniformly magnetised plasma”
C N Lashmore-Davies and R O Dendy
Physics of Fluids **B1**, 1565 (1989).

(22) “Sawtooth oscillations in ion cyclotron emission from JET”
P Schild, G A Cottrell and R O Dendy
Nuclear Fusion **29**, 834 (1989).

(21) “Gyrokinetic theory of perpendicular ion cyclotron resonance”
C N Lashmore-Davies and R O Dendy
Physical Review Letters **62**, 1982 (1989).

(20) “Effect of energy loss on electron cyclotron current drive in tokamaks”
R O Dendy and M R O'Brien
Nuclear Fusion **29**, 480 (1989).

(19) “Resonant interval action transfer between coupled harmonic oscillators”
R O Dendy
Journal of Mathematical Physics **29**, 2202 (1988).

(18) “Linear mode conversion and the operator theory of wave mechanics”
R O Dendy
Physics of Fluids **31**, 298 (1988).

(17) “Superthermal radiation from fusion products in JET”
G A Cottrell and R O Dendy
Physical Review Letters **60**, 33 (1988).

(16) “Fine structure in the energy deposition in a heated rotating toroidal plasma”
R O Dendy
Plasma Physics and Controlled Fusion **30**, 277 (1988).

(15) “Classical single particle dynamics of the anomalous Doppler resonance”
R O Dendy
Physics of Fluids **30**, 2438 (1987).

(14) “On the canonical Hamiltonian structure of the drift equations of motion for a charged particle in a magnetic field”
R O Dendy
Plasma Physics and Controlled Fusion **29**, 1155 (1987).

(13) “The effect of asymmetric current-supporting electron velocity distributions on second harmonic electron cyclotron resonance heating: a ray-tracing treatment”
R O Dendy, A Montes and J P Leite
Physics of Fluids **30**, 1137 (1987).

(12) “Comparison of theory with electron cyclotron current drive experiments on WT-2”
R O Dendy, M O'Brien, M Cox and D F H Start
Nuclear Fusion **27**, 377 (1987).

(11) “Predictions of electron cyclotron current drive efficiency for a top-launched extraordinary mode in a tokamak”
R O Dendy, R W Harvey and M O'Brien
Plasma Physics and Controlled Fusion **29**, 769 (1987).

(10) “The single-particle and collective descriptions of the anomalous Doppler resonance and the role of ion dynamics”
R O Dendy, C N Lashmore-Davies and A Montes
Physics of Fluids **29**, 4040 (1986).

(9) “Absorption of electron cyclotron radiation in tokamak plasmas with a superthermal tail in the electron velocity distribution”
A Montes and R O Dendy
Physics of Fluids **29**, 2988 (1986).

(8) “Microwave radiation bursts and the superthermal electron velocity distribution in impulsive phase solar flares”
R O Dendy and C N Lashmore-Davies
Astrophysical Journal **306**, 323 (1986).

(7) “Generation of hot closed helical bands by electron cyclotron resonance heating of rational-q tokamak flux surfaces”
R O Dendy
Plasma Physics and Controlled Fusion **27**, 1243 (1985).

(6) “A triple wave resonance model for the emission from tokamaks of narrow-band radiation at the plasma frequency”
R O Dendy, C N Lashmore-Davies and M Shoucri
Nuclear Fusion **25**, 721 (1985).

(5) “Wave-wave resonance instabilities and electron velocity distribution tail structures”
R O Dendy and C N Lashmore-Davies
Plasma Physics and Controlled Fusion **26**, 1347 (1984).

(4) “Fast timescale plasma turbulence and the collisionless tearing mode”
R O Dendy and D ter Haar
Monthly Notices of the Royal Astronomical Society **209**, 335 (1984).

(3) “The effects of fast timescale turbulence on magnetohydrodynamical behaviour”
R O Dendy and D ter Haar
Journal of Plasma Physics **31**, 81 (1984).

(2) “On the nonlinear development of the Langmuir modulational instability”
R O Dendy and D ter Haar
Journal of Plasma Physics **31**, 67 (1984).

(1) “On the integration of a three-wave set of equations”
R O Dendy and D ter Haar
Physics Letters A **97**, 129 (1983).