

List of Publications: Richard Dendy, October 2006

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

(124) “Intermittency, dissipation and scaling in two-dimensional magnetohydrodynamic turbulence”

J A Merrifield, S C Chapman, and R O Dendy
Physics of Plasmas, submitted

(123) “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, accepted

(122) “Fusion, space, and solar plasmas as complex systems”

R O Dendy, S C Chapman and M Paczuski
Plasma Physics and Controlled Fusion, accepted

(121) “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)

(120) “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)

(119) “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)

- (118) "Surfatron and stochastic acceleration of electrons in astrophysical plasmas"
K G McClements, R O Dendy, M E Dieckmann, A Ynnerman and S C Chapman
J. Plasma Phys. **71**, 127 (2005)
- (117) "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).
- (116) "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).
- (115) "Perpendicular shock reformation and ion acceleration"
S C Chapman, R E Lee and R O Dendy
Space Science Reviews **121**, 5 (2005).
- (114) "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).
- (113) "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).
- (112) "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).
- (111) "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).
- (110) "Ion acceleration processes at reforming collisionless shocks"
R E Lee, S C Chapman, and R O Dendy
Physics of Plasmas, **12**, 012901 (2005).
- (109) "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).

- (108) "Laboratory plasma astrophysics experiments using lasers"
N C Woolsey, C Courtois, and R O Dendy
Plasma Physics and Controlled Fusion, **46**, B397 (2004).
- (107) "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).
- (106) "Complexity and criticality in fusion, space, and astrophysical plasmas"
R O Dendy, S C Chapman, and T K March
Physica A **340**, 607 (2004).
- (105) "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).
- (104) "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).
- (103) "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).
- (102) "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).
- (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 astrophysical 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) “Stabilisation 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).

Recent seminars given at UK universities

Warwick University, Department of Physics
25th February 2004

St Andrews University, Department of Mathematics
6th February 2004

Manchester University, Department of Physics
19th March 2003

York University, Department of Physics
13th November 2002

Imperial College, Department of Mathematics

10th January 2001

Warwick University, Department of Physics
26th September 2000

Oxford University, Clarendon Laboratory
19th February 1999

Nottingham University, School of Mathematical Sciences
9th December 1998

Manchester University, Department of Physics
21st October 1998

British Antarctic Survey, Cambridge
19th March 1998

Imperial College London, Department of Physics
8th December 1997

Warwick University, Department of Physics
29th October 1997