

LIST OF PUBLICATIONS

at Salam Chair in Physics, GCU Lahore(since March 2000)

(150=108 Research Papers +42 Conference Proceedings)

1. Energy Loss of a Test Charge in Partially Ionized Dusty Plasmas
Physics of Plasmas, **7**, 762 (2000)
(M.H. Nasim, M.S Qaisar, Arshad M. Mirza, **G. Murtaza** and P.K. Shukla)
2. Electromagnetic Ion-Temperature-Gradient Modes and Anomalous Transport in a Nonuniform Magnetized Plasma with Equilibrium Flows
Physics of Plasmas, **7**, 1125 (2000)
(Tariq Rafiq, Anisa Qamar, Arshad M. Mirza, **G. Murtaza** and P.K. Shukla)
3. Energy Loss of a Test Charge in Collisional Dusty Plasmas
Physica Scripta, **61**,628 (2000)
(M.H. Nasim, Arshad M. Mirza, **G. Murtaza** and P.K. Shukla)
4. Study of Plasma Parameters in a Spinning Thick-Gas-Puff Staged Pinch
Physica Scripta, **62**, 399 (2000)
(N.A.D. Khattak, Zahoor Ahmad, Arshad M. Mirza and **G. Murtaza**)
5. Chaotic behavior of ion-temperature-gradient driven drift-dissipative modes
Physics of Plasmas, **7**, 4499 (2000)
(Tariq Rafiq, Anisa Qamar, Arshad M. Mirza, and **G. Murtaza**)
6. Efficiency of plasma focus for argon K-series line radiation emission
Plasma Sources Sci. Technol. **9**, 592 (2000).
(M. Zakaullah, Khalid Alamgir, **G. Murtaza** and A. Waheed)
7. A Cost Effective X-Ray Detector for Plasma Focus Diagnostics
Mod. Phys. Lett. **B14**, 563 (2000)
(M. Zakaullah, Ijaz Akhtar, S. F. Mehmood, A. Waheed and **G. Murtaza**)
8. Wake-field excitation in a multicomponent dusty plasma
Physica Scripta, **T89**, 191 (2001)
(M. H. Nasim, Arshad M. Mirza, **G. Murtaza** and P. K. Shukla)
9. Electrostatic ion-temperature-gradient modes and anomalous transport in a collision- dominated plasma
Physica Scripta, **63**, 43 (2001)
(T. Farid, A. M. Mirza, P. K. Shukla, and **G. Murtaza**)
10. Correlation of plasma electron temperature with neutron emission in a low energy plasma focus
IEEE Transections on Plasma Science, **29**, 62 (2001)
(M. Zakaullah, K. Alamgir, Ather Rasool, M. Shafiq, **G. Murtaza** and A. Waheed)
11. Low energy plasma focus as a tailored X-ray source
J. Fusion Energy **19**, 143 (2000, ©2002)
(M. Zakaullah, K. Alamgir, M. Shafiq, M. Sharif, A. Waheed and **G. Murtaza**)
12. High β relaxed states with internal conductor plasma configuration
Physics of Plasmas **8**, 1559 (2001)

(M. Iqbal, A. M. Mirza, **G. Murtaza** and Z. Yoshida)

13. Anisotropic Energy Loss of a Pair of Charged Projectiles in a Dusty Plasma
Physica Scripta, **64**, 346 (2001)
(**G. Murtaza** and M. H. Nasim)
14. High Efficiency Neutron Detector for Low Neutron Flux Measurement
J. Fusion Energy **19**, 91 (2000, ©2001)
(A. Waheed, Aqil-ur-Rahman, M. Zakauallah and **G. Murtaza**)
15. Thermonuclear fusion in a multicascade liner staged pinch
Laser and Particle Beams **19**, 657 (2001)
(Zahoor Ahmed, Arshad M. Mirza, N. A. D. Khattak and **G. Murtaza**)
16. Improved temperature measurement in a plasma focus by means of a cobalt filter
Plasma Sources Science & Tech. **10**, 295 (2001).
(M. Zakauallah, K. Alamgir, M. Shafiq, S. M. Hassan, **G. Murtaza** and A. Waheed)
17. Elliptic Solitary Electron Drift Vortices in Semiconductor Piezoelectrics
Physica Scripta, **65**, 181(2002)
(H. A. Shah, M. Hameed and **G. Murtaza**)
18. Flow of An Elastico-Viscous Fluid Past An Infinit Wall with Time-Dependent Suction
Acta Mechanica **153**, 133 (2002)
(T. Hayat, Q. Abbas, S. Asghar, A. M. Siddiqui, T. Farid and **G. Murtaza**)
19. Some New trends in Plasma Physics
Journal of Natural Sciences & Mathematics **41**, 219 (2001, ©2002)
(**G. Murtaza**)
20. Plasma Focus as an X-ray source for tailoring of radiation in different energy windows
Journal of Natural Sciences & Mathematics **41**, 235 (2001, ©2002)
(M. Zakauallah, K. Alamgir, M. Shafiq, M. Sharif, A. Waheed and **G. Murtaza**)
21. Debye shielding distortion of dust grains in dusty plasmas
Physics of Plasmas, **9**, 3629 (2002)
(Faisal Yaqoob, Shahid Ali and **G. Murtaza**)
22. Fully nonlinear dust kinetic Alfvén waves
Physics of Plasmas, **9**, 3794 (2002)
(M. Ansar Mahmood, Arshad M. Mirza, P. H. Sakanaka and **G. Murtaza**)
23. Scope of plasma focus with argon as a soft X-ray source
IEEE Transactions on Plasma Science **30**, 377 (2002)
(M. Zakauallah, K. Alamgir, M. Shafiq, M. S. Hassan, **G. Murtaza** and A. Waheed)
24. A simple technique to record X-ray fluence anisotropy of a source,
J. Fusion Energy **20**, 69 (2001, ©2002)
(M. Shafiq, M. Sharif, Sartaj, M. Zakauallah, A. Waheed and **G. Murtaza**)
25. Soft X-Ray emission in the (1.0-1.5 KEV) window with Nitrogen filling in a low energy Plasma Focus
Mod. Phys. Lett **16 B**, 309 (2002)

(M. Shadiq, Sartaj, S. Hussain, M. Sharif, S. Ahmad, M. Zakaullah, A. Waheed,
G. Murtaza and R. Ahmad)

26. Attractive Wake Field Formation due to array of Dipolar Projectiles in a Multi-component Dusty Plasma
Physics of Plasmas, **10**, 941 (2003)
(S. Ali, M. H. Nasim and **G. Murtaza**)
27. Characterization of argon plasma by use of optical emission spectroscopy and Langmuir probe measurements
Int J. Mod Physics **B 17**, 2749 (2003)
(A. Qayyum, M. Ikram, M. Zakaullah, A. Waheed, **G. Murtaza**, R. Ahmad, A. Majeed, N. A. D. Khattak, K. Mansoor and K. A. Chaudhry)
28. Formation of quadrupolar vortices in ion-temperature-gradient modes
Physics of Plasmas **10**, 2819 (2003)
(Anisa Qamar, Arshad M. Mirza, **G. Murtaza**, J. Vranješ and P. H. Sakanaka)
29. Exact nonlinear dust kinetic Alfvén waves in a dust-ion plasma
New Journal of Physics **5**, (2003)
(Arshad M. Mirza, M. Ansar Mahmood and **G. Murtaza**)
30. Effects of dust-charge fluctuations on the potential of an array of projectiles in a partially ionized dusty Plasma
Physics of Plasmas **10**, 4207 (2003)
(S. Ali, M.H. Nasim and **G. Murtaza**)
31. Longitudinal oscillations and linear Landau damping in quark-gluon plasma
Physical Review **E 68**, 066404 (2003)
(**G. Murtaza**, N. A. D. Khattak and H. A. Shah)
32. Study of X-ray emission from a compact diode operated by a high capacitor discharge
J. Fusion Energy **21**, 211 (2003)
(M. Z. Khan, S. Ahmad, M. Zakaullah, A. Waheed, R. Ahmad and **G. Murtaza**)
33. Study of lateral spread of ions emitted from 2.3 kJ plasma focus with hydrogen and nitrogen gases
J. Fusion Energy **21**, 217 (2003)
(R. Ahmad, M. Hassan, **G. Murtaza**, A. Waheed and M Zakaullah)
34. Some electrostatic modes based on non-Maxwellian distribution functions
Physics of Plasmas **11**, 2246(2004)
(S. Zaheer, **G. Murtaza** and H. A. Shah)
35. Parallel propagating electromagnetic modes with (r,q) Distribution Function
Physics of Plasmas **11**, N 5(2004)
(M. N. S. Qureshi, H. A. Shah, **G. Murtaza** and F. Mahmood)
36. Collective Modes and Linear Landau Damping in a Quark-Gluon Plasma
Physica Scripta. Vol. **T116**, 93 (2005)
(**G. Murtaza**, N.A.D. Khattak and H.A. Shah)

37. Correlation effects due to an axial propagation of Projectiles in dusty Plasma
Physics of Plasmas **12**, 033502 (2005)
(S. Ali, **G. Murtaza** and M.H. Nasim)
38. Energy loss for the assemblies of charged Projectiles in a dusty Plasma
Physics of Plasmas **12**, 072104 (2005)
(S. Ali, **G. Murtaza** and M.H. Nasim)
39. Dust charge fluctuation with non- Maxwellian Distribution function
Physica Scripta **73**, 178 (2006)
(N. Rubab and **G. Murtaza**)
40. Generation of Vortex Rings by Nonstationary Laser Wake Field
Physics of Plasmas **13**, 012307 (2006)
(Nodar Tsintsadze, **G. Murtaza** and H. A. Shah)
41. A Novel aspect of dust in Plasma
Physics of Plasmas **13**, 022103 (2006)
(Nodar Tsintsadze, **G. Murtaza** and Z. Ehsan)
42. Co-deposition of titanium and iron nitrides on SS-321 by using plasma focus
Radiation Effects and Defects in Solids **161**, 121 (2006)
(R. Ahmad, M. Hassan, **G. Murtaza**, J.I. Akhter, A. Qayyum, A. Waheed and M. Zakaullah)
43. Study of obliquely propagating dust acoustic solitary waves in magnetized tropical mesospheric plasmas with effect of dust charge variations and rotation of the plasma
Physics of Plasmas **13**, 062903 (2006)
(Mushtaq, H.A. Shah, N. Rubab and **G. Murtaza**)
44. Parallel Proton Heating In Solar Wind Using Generalized (r,q) Distribution Function
Solar Physics **236**,167 (2006)
(Z. Kiran, H.A. Shah and **G. Murtaza**)
45. Surface modification of AlFe1.8Zn0.8 alloy by using dense plasma focus
Vacuum **81**, 291(2006)
(M. Hassan, R. Ahmad, **G. Murtaza**, A. Qayyum, A. Waheed and M. Zakaullah)
46. Perpendicularly propagating electromagnetic modes in a strongly magnetized hot plasma with non-Maxwellian distribution function
Physics of Plasmas **13**, 062109 (2006)
(S. Zaheer, **G. Murtaza** and H. A. Shah)
47. A specific properties of electromagnetic waves interacting with dust-laden plasma
Physics of Plasmas **13**, 072103 (2006)
(Nodar Tsintsadze, Z. Ehsan, H. A. Shah and **G. Murtaza**)
48. Electrostatic potentials and energy loss due to a projectile propagating through a Non-Maxwellian dusty plasma
Physics of Plasmas, **13**, 082108 (2006)
(F. Deeba, Zahoor Ahmad and **G. Murtaza**)
49. Debye length in non-Maxwellian plasmas
Physica Scripta, **74**, 145 (2006)
(N. Rubab and **G. Murtaza**)

50. Effect of non-Maxwellian particle trapping and dust grain charging on dust acoustic solitary waves
Physics of Plasmas, **13**,11 (2006)
(N. Rubab, **G. Murtaza** and A. Mushtaq)
51. Electromagnetic dust-lower-hybrid and dust-magnetosonic waves and their instabilities in a dusty magnetoplasma
Physics of Plasmas, **13**,122102 (2006)
(M. Salimullah, M.M. Rahman, I. Zeba, H. A. Shah, **G.Murtaza** and P.k. Shukla)
52. Effects of inhomogeneity on the Shukla-Nambu-Salimullah potential in a magnetized plasma
Physics Letters A, (2006)
(M. Salimullah, H. A. Shah, **G.Murtaza**, H. Nitta and M. Tessarotto)
53. Nitriding of titanium by using ion beam delivered by a plasma focus
J. Phys. D: Appl. Phys **40**, 769 (2007)
(M. Hassan, A. Qayyum, R. Ahmad, **G. Murtaza** and M. Zakaullah)
54. Weibel Instability with non-Maxwellian distribution functions
Physics of Plasmas **14**, 022108 (2007)
(S. Zaheer and **G. Murtaza**)
55. Kinetic Alfvén waves in a homogeneous dusty magnetoplasma with dusty charge fluctuation effects
Physics of Plasmas **14**, 032105 (2007)
(K. Zubia, N. Rubab, H.A. Shah, M. Salimullah and **G. Murtaza**)
56. Stability of a charged interface between a magneto-radiative dusty plasma and vacuum
Physics of Plasmas **14**, 073703 (2007)
(Nodar Tsintsadze, Rozina Chaudhary, H. A. Shah and **G. Murtaza**)
57. Weibel instability with Semirelativistic Maxwellian distribution function
Physics of Plasmas **14**, 072106 (2007)
(S. Zaheer and **G. Murtaza**)
58. Glow Discharge Plasma Nitriding of AISI 304 Stainless Steel
Plasma Science and Technology **9**, No.4 August (2007)
(A. Qayyum, M.A. Naveed, Shaista Zeb, **G. Murtaza**, M. Zakaullah)
59. Effect of Plasma Focus Discharge Currents and Repetition Rates on Evolution of Nanocrystalline Multiphase Titanium Carbide/a-C Thin Films
J. Nepal Phys. Soc. **23**, 19 (2007)
(M. Hassan, R.S. Rawat, P.Lee, S.M. Hassan, A. Qayyum, R. Ahmad, **G. Murtaza** and M. Zakaullah)
60. Possible colloid crystal formation in a magnetized and inhomogeneous semiconductor plasma
Journal of Applied Physics **102**, 053301 (2007)
(M. Salimullah, Z. Ehsan, K. Zubia, H. A. Shah and **G. Murtaza**)
61. Longitudinal Photons in a Relativistic Magneto-active Plasma
Physics of Plasmas, **14**, 102113 (2007)
(N.L. Tsintsadze, Ayesha Rehman, **G. Murtaza** and H.A. Shah)
62. Collective modes of ultrarelativistic magnetoactive electron plasma

- Physica Scripta **76**, 649 (2007)
Gohar Abbas, **G. Murtaza** and H.A. Shah)
63. Wake Potential in a nonuniform self-gravitating dusty magnetoplasma in the presence of ion streaming
Physics of Plasmas **14**, 104505 (2007)
(M. Salimullah, Z. Ehsan, K. Zubia, H.A. Shah and **G. Murtaza**)
 64. Dust charge fluctuation instability in a dusty plasma with equilibrium density and magnetic field inhomogeneities
Physics of Plasmas **14**, 114502 (2007)
(M. Salimullah H. A. Shah and **G. Murtaza**)
 65. Wake potential in a self-gravitating dusty plasma
Physics Letters A. **372**, 871 (2008)
(M. Salimullah, Z. Ehsan, H.A. Shah and **G. Murtaza**)
 66. Langmuir probe characterization of nitrogen plasma for surface nitriding of AISI-4140 steel
Journal of Material Processing Technology **199**, 363 (2008)
(M.S. Shah, M. Saleem, R. Ahmad, M. Zakaullah, A. Qayyum and **G. Murtaza**)
 67. Dust acoustic shock wave in electronegative dusty plasma: Role of weak magnetic field
Physics of Plasmas **15**, 023701 (2008)
(Samiran Ghosh, Z. Ehsan and **G. Murtaza**)
 68. Synthesis of nanocrystalline multiphase titanium oxycarbide (TiC_xO_y) thin films by UNU/ICTP and NX2 plasma focus devices
Appl. Physics A **90**, 669 (2008)
(M. Hassan, R.S. Rawat, P. Lee, S.M. Hassan, A. Qayyum, R. Ahmad, **G. Murtaza** and M. Zakaullah)
 69. Nitridation of zirconium using energetics ions from plasma focus device
Thin Solid Films **516**, 8255 (2008)
(I. A. Khan, M. Hassan, R. Ahmad A. Qayyum, **G. Murtaza**, M. Zakaullah and R.S. Rawat)
 70. Jeans instability in a magneto-radioactive dusty plasma
J. Plasma Physics **74**, 1 (2008)
(Nodar Tsintsadze, Rozina Chaudhary, H.A. Shah and **G. Murtaza**)
 71. Perpendicularly propagating electromagnetic modes in a strongly magnetized hot relativistic Maxwellian plasma
Physica Scripta **77**, 035503 (2008)
(S.Zaheer and **G. Murtaza**)
 72. Compression enhancement by current stepping in a multicascade liner gas-puff Z-pinch plasma
Physica Scripta **77**, 045501 (2008)
(N. A. D Khattak, Zahoor Ahmad, M. Zakaullah and **G. Murtaza**)
 73. Plasma characterization for nitridation of aluminum alloy using 50 Hz ac discharge
Plasma Devices and Operations **V.16, 4** (2008)
(M. Shoaib Shah, R. Ahmad, M. Zakaullah and **G. Murtaza**)

74. Synthesis of Zirconium Oxynitride (ZrON) Nanocomposite Films on Zirconium substrate by Dense Plasma Focus Device
International Journal of Modern Physics **B**, **22**, 3941 (2008)
(I.A.Khan, M.Hassan, R. Ahmad, **G.Murtaza**, M.Zakaullah, R.R.Rawat and P.Lee)
75. Dust-lower-hybrid waves in quantum plasmas
Physics Letters A. **A 372**, 2291 (2008)
(M. Salimullah, I. Zeba, Ch. Uzma, H.A. Shah and **G. Murtaza**)
76. Two Types of lower hybrid waves in dusty plasmas and cusp solitons,
Phys. Plasmas **16** , 023702 (2009).
(Z. Ehsan, N. L. Tsintsadze, **G. Murtaza** and H. A. Shah)
77. Jeans instability in a quantum dusty magnetoplasma
Phys. Plasmas **16**, 014502 (2009)
(M. Salimullah, M. Jamil, H. A. Shah, and **G. Murtaza**)
78. Non linear Landau damping of transverse electromagnetic waves
in dusty plasmas
Physics of Plasmas **16**, 1 (2009)
(N. L. Tsintsadze, Rozina Chaudhary, H. A. Shah and **G. Murtaza**)
79. Dense plasma focus ion based titanium nitride coating on titanium
Nuclear Instruments and Methods in Physics Research **B 267**, 1911 (2009)
(M. Hassan, A. Qayyum, R. Ahmad, R.S. Rawat, P. Lee, S.M. Hassan, **G. Murtaza** and M. Zakaullah)
80. Modified Debye screening potential in a magnetized quantum plasma
Physics Letters A **373** 2577 (2009)
(M. Salimullah, A. Hussain , I. Sara, **G. Murtaza** and H.A. Shah)
81. Nonlinear screening effect in an ultrarelativistic degenerate electron-positron gas
Physics of Plasmas **16**, 112307 (2009)
(N. L. Tsintsadze, A. Rasheed, H. A. Shah and **G. Murtaza**)
82. Whistler instability in non-Maxwellian plasmas
Phys. Scr. **81**, 035501 (2010)
(S. Zaheer and **G. Murtaza**)
83. Modified screening potential in a high density inhomogeneous quantum dusty magnetoplasma
Physics of Plasma **17**,054504 (2010)
(A. Hussain, I. Zeba, M. Salimullah, **G. Murtaza** and M. Jamil)
84. High frequency electromagnetic modes in a weakly magnetized relativistic electron plasma
Physics of Plasmas **17**, 072105 (2010)
(Gohar Abbas, **G. Murtaza**, and R. J. Kingham)

85. Nonlinear structure of ion-acoustic waves in complete degenerate electron-positron and ion plasma
Phys. Rev. E, **82**, 016403 (2010)
(A. Rasheed, **G. Murtaza** and N. L. Tsintsadze)
86. Alfvénic modes in a bi-Maxwellian electron-ion plasma"
Physics of Plasmas **17**, 102112 (2010)
(M.F.Bashir, Z. Iqbal, I. Aslam and **G. Murtaza**)
87. Generalized Dispersion Relation for Electron Bernstein Waves in a non-Maxwellian Magnetized Anisotropic Plasma
Physics of Plasmas **17**, 102114 (2010)
(Farah Deeba, Zahoor Ahmad and **G. Murtaza**)
88. Propagation of Ordinary and Extraordinary Modes in Ultra-relativistic Maxwellian Electron Plasma
Progress of Theoretical Physics, 124, 1083 (2010)
(Muddasir Ali, Sadia Zaheer and **G. Murtaza**)
89. Dispersion relation of pure dust Bernstein waves in a non-Maxwellian magnetized dusty plasma".
Physics of Plasmas **18**,072104 (2011)
(Farah Deeba, Zahoor Ahmad and **G. Murtaza**)
90. Relativistic Bernstein waves in a degenerate plasma
Physics of Plasmas **18**,092104 (2011)
(Muddasir Ali, A. Hussain and **G. Murtaza**)
91. The parametric decay of dust ion acoustic waves in non-uniform quantum dusty magnetoplasmas
Physics of Plasmas **18**, 063705 (2011)
(M. Jamil, M. Shahid, Waris Ali, M. Salimullah, H. A.Shah and **G. Murtaza**)
92. Ion-acoustic Solitary waves in ultra-relativistic degenerate pair-ion plasmas",
Physics of Plasmas **18**, 112701 (2011)
(A.Rasheed, N. L. Tsintsadze and **G. Murtaza**)
93. Anomalous skin effects in relativistic parallel propagating weakly magnetized electron plasma waves
Physics of Plasmas **18**, 102115 (2011).
(Gohar Abbas, M. F. Bashir and **G. Murtaza**)
94. New Longitudinal Waves in Electron –Positron-Ion Quantum Plasmas
Eur. Phys. J. D **64**, 447 (2011)
(Nodar L. Tsintsadze, Levan N. Tsintsadze, A. Hussain and G. Murtaza)
95. Nonlinear structure of ion acoustic waves in relativistic degenerate electron-positron- ion plasma
J. Plasma Physics **78**, 133 (2012)

- (A. Rasheed, N. L. Tsintsadze, G. Murtaza and R. Chaudhary)
96. Study of high frequency parallel propagating modes in a weakly magnetized relativistic degenerate electron plasma
Physics of Plasmas **19**, 032103 (2012)
(Gohar Abbas, M. F. Bashir, Muddasir Ali and **G. Murtaza**)
 97. Quantum modification of dust shear Alfvén wave in plasmas
Physics of Plasmas **19**, 023705 (2012)
(M. Jamil, M. Shahid, I. Zeba, M. Salimullah, H. A. Shah and **G. Murtaza**)
 98. Stability analysis of self-gravitational electrostatic drift waves for a streaming nonuniform quantum dusty magnetoplasma.
Physics of Plasmas **19**, 043701 (2012)
(M. F. Bashir, M. Jamil, **G. Murtaza**, M. Salimullah, H. A. Shah)
 99. Perpendicular propagating modes for weakly magnetized relativistic degenerate plasma
Physics of Plasmas **19**, 072121 (2012)
(Gohar Abbas, M. F. Bashir, and **G. Murtaza**)
 100. Effect of temperature anisotropy on various modes and instabilities for a magnetized non-relativistic bi-Maxwellian plasma
Brazilian Journal of Physics **42**,487 (2012)
(MF Bashir and **G Murtaza**)
 101. Spin effect on parametric interactions of waves in magnetoplasmas
Physics of Plasmas **19**, 112114 (2012)
(M. Shahid , D.B Melrose, M. Jamil and **G. Murtaza**)
 102. Multi electron species and shielding potentials in plasmas
Phys. Plasmas **19**, 114501 (2012);
(Arroj A. Khan, A. Rasheed, M. Jamil, and **G. Murtaza**)
 103. On the kinetic Alfvén waves in nonrelativistic spin quantum plasmas
Physics Letters A **377**, 2131 (2013)
(A. Hussaina, Z. Iqbal, G. Brodin, and **G. Murtaza**)
 104. Shukla-Nambu-Salimullah Potential with multi electron species in Magnetoplasmas
Phys. Plasmas **20**, 022107 (2013)
(Arroj Ahmad Khan M. Jamil , Abdur Rasheed , **G. Murtaza**)
 105. Whistler instability in a semi-relativistic bi-Maxwellian plasma
<http://dx.doi.org/10.1016/j.physleta.2013.07.015>
(MF Bashir, S. Zaheer, Z. Iqbal, **G Murtaza**)

106. A comparison of parametric decay of oblique Langmuir wave in high and low density magneto-plasmas
Phys. Plasmas **20**, 092121 (2013)
(M. Shahid, A. Hussain and **G. Murtaza**)
107. Spin effect on parametric decay of oblique Langmuir wave in degenerate magneto-plasmas
Phys. Plasmas **20**, 082124 (2013)
(M. Shahid and **G. Murtaza**)
108. Inertial Alfvén waves in an inhomogeneous bi-Maxwellian plasma
Physics Letters A **377**, 2348 (2013)
(Hafsa Naim and **G. Murtaza**)