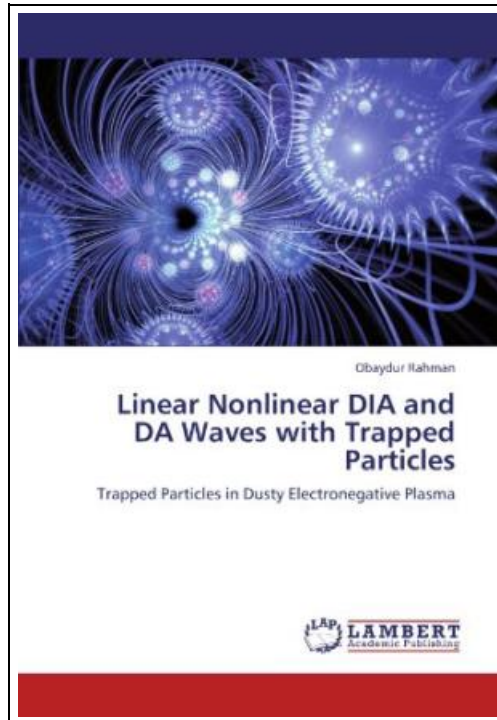


Linear Nonlinear DIA and DA Waves with Trapped Particles



Filesize: 5.26 MB

Reviews

This book is great. I have go through and so i am confident that i will going to read through once again again in the future. I am just easily can get a satisfaction of looking at a written book.
(Miss Vernie Schimmel)

LINEAR NONLINEAR DIA AND DA WAVES WITH TRAPPED PARTICLES



To get **Linear Nonlinear DIA and DA Waves with Trapped Particles** PDF, remember to refer to the button below and save the document or get access to other information which might be in conjunction with LINEAR NONLINEAR DIA AND DA WAVES WITH TRAPPED PARTICLES book.

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Trapped Particles in Dusty Electronegative Plasma | A theoretical investigation has been made on linear and nonlinear propagation of the dust-ion-acoustic and dust-acoustic waves in a dusty plasma with vortex-like plasma particles. The linear dispersion relation for DIA and DA waves in an unmagnetized dusty plasma with vortex-like electron distribution and negatively charged dust particles have been analyzed elaborately. The basic characteristics of such waves have been theoretically investigated by using the reductive perturbation technique. The effects of external magnetic field, vortex-like negative ions, and arbitrarily charged static dust on DIA SWs and their multi-dimensional instabilities have also been studied. It has been found that these effects not only modify the basic properties of the DIA SWs, but also introduce some important new features. The basic features and the underlying physics of the DIA solitary structures have been also explicitly identified. It has been also found that the instability criterion and its growth rate are significantly modified by the external magnetic field and vortex-like distribution of negative ions. The implications of our results in space and laboratory plasmas are briefly discussed. | Format: Paperback | Language/Sprache: english | 120 pp.



[Read Linear Nonlinear DIA and DA Waves with Trapped Particles Online](#)

[Download PDF Linear Nonlinear DIA and DA Waves with Trapped Particles](#)

See Also



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Follow the web link below to read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." PDF document.

[Download ePub](#)

»



[PDF] Violet Rose and the Surprise Party

Follow the web link below to read "Violet Rose and the Surprise Party" PDF document.

[Download ePub](#)

»



[PDF] Would It Kill You to Stop Doing That?

Follow the web link below to read "Would It Kill You to Stop Doing That?" PDF document.

[Download ePub](#)

»



[PDF] Programming in D: Tutorial and Reference

Follow the web link below to read "Programming in D: Tutorial and Reference" PDF document.

[Download ePub](#)

»



[PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

Follow the web link below to read "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" PDF document.

[Download ePub](#)

»



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Follow the web link below to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" PDF document.

[Download ePub](#)

»