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Lecture Notes In Physics)**

**By Liu Chen**

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Modulational instability of Rossby and drift World Scientific Lecture Notes in Y.-H. 1996 Chaos and Structures in Nonlinear Plasmas. World Scientific.

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3.3. Kinetic waves and instabilities in a uniform plasma 521 3.3.1. General dispersion relation Introduction This chapter presents a theoretical survey of the basic

## **Hua Xia's Home Page - Research School of Physics -**

Modulation instability and capillary wave turbulence, EPL, 91, Plasmas and Nonlinear Media World Scientific Lecture Notes in Complex Systems, H. Xia, Y. Liu,

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Density depletions and current singularities on Wavelets, Lecture Notes amplitude solitary kinetic Alfvén waves, Physics of Plasmas,

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Lecture Notes in Physics Volume 778, Waves and Instabilities in Space Plasmas K Radiation phenomena in plasmas. World Scientific Singapore

## **NPTEL Phase II :: Physics - Plasma Physics: -**

The course would be a basic course in plasma physics with focus on techniques of Waves and instabilities: C.S. Liu and V.K. Tripathi, World Scientific

## **Solitary waves, double layers, and instabilities -**

Solitary waves, double layers, and instabilities in quantum plasmas: Z-K and Gardner approach

**A List of Publications - Zhejiang University -**

PHYSICS OF PLASMAS 13, 092109(2006). Chen Liu ZJ, Berk HL, X. T. He, Instability of relativistic Conference Proceedings and Lecture Notes in Physics,

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**Globally propagating waves in the solar corona - -**

References from the article Globally propagating waves in the solar corona. (Lecture Notes in Physics vol Weibel instability in relativistic quantum plasmas

**Lecture Series in Energetic Particle Physics of -**

Science & Technology; Lecture Series in Energetic Particle Physics of Fusion Plasmas Lecture Series in Energetic Particle Physics of Fusion Plasmas.

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1 Waves and Instabilities in Space Plasmas 5 eld is negligible and the set of Maxwell s equations is replaced by  $J = 0$  E t. (1.12) From (1.10) and (1.12

### **Waves and Instabilities in Plasmas - IOPscience -**

NUCLEAR FUSION 18 3 (1978) CONFERENCES AND SYMPOSIA WAVES AND INSTABILITIES IN PLASMAS Report on the fusion aspects of the THIRD INTERNATIONAL CONGRESS

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Goswami B N and Buti B 1975 Cross-field-current-driven electrostatic instabilities in plasmas Liu Z X 2005 Kinetic Alfvén wave (Lecture Notes in Physics)

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nuclear fusion 13 (1973) conference report waves and instabilities in plasmas report on the first international congress held at innsbruck, austria

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