Genesis of naturally generated VLF waves and associated electromagnetic wave mode phenomena p. 3

The triggering of atmospheric discharges by whistler induced electron precipitation p. 16

The importance of direction finding technique in general VLF studies p. 22

VLF emissions in planetary magnetosphere p. 36

Parametric interactions of whistler mode waves and lower hybrid resonance waves in the upper ionosphere and magnetosphere p. 54

VLF and related research activities at the University of Victoria p. 60

Fine structure analysis of whistlers p. 67

Daytime discrete and periodic very low frequency (VLF) emissions observed at Maitri station, Antarctica p. 79

Methods for analyzing the structure and propagation characteristics of whistlers p. 88

Benefits of using the new full wave solution of Maxwell's equations p. 108

Results of the application of the new full-wave model in the electron and ion-whistler research p. 129

Cross-field diffusion at the magnetopause: role of boundary layer waves p. 151

A unified theory for micropulsation and flux transfer events p. 164

Propagation modes of low and very low latitude whistlers p. 174

Magnetosphere-ionosphere coupling - a study by drift kinetic Alfven wave p. 200

Digital data loggers and time series analysis in reference to radio science experiments p. 218

On the generation of pulsating whistler waves in the presence of parallel AC electric field for loss cone anisotropic magnetoplasma p. 233

VLF waves in magnetosphere: effect to field aligned currents on whistler mode waves p. 244

VLF noise bursts related to solar flares observed at Agra p. 256

On the generation of VLF pulsation at low latitude by loss-cone driven instability in the presence of perpendicular a.c. electric field p. 264

An explanation of V-shaped emissions recorded at low-latitude ground station Jammu (L = 1.17) p. 274

Quiet time echo train whistlers and periodic VLF emissions at Jammu and inference of electron density p. 282

Whistler-triggered periodic very low frequency emissions recorded at low latitude ground station (Jammu) p. 293

Parametric excitation of whistler waves by gyrating ion beams p. 299

On some spatial characteristics of VLF pulsations in the Indian region p. 313

Observation of daytime VLF hiss at Jammu (L = 1.17) p. 327

Formation and lifetime of whistler ducts at low/mid latitudes p. 337

A study on whistler mode waves and related phenomena p. 353

Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.