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Investigations of Equatorial F-region plasma instabilities under different background conditions

A THESIS

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BY

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Contents

Acknowledgment	iii
1 Introduction	1
1.1 Ionosphere as a partially ionized plasma	1
1.1.1 Chemical processes in E and F region	1
1.1.2 Transport processes	2
1.2 Plasma instabilities in the ionosphere	4
1.2.1 F region plasma instabilities or Equatorial Spread F (ESF)	4
1.2.2 Macroinstability processes for ESF	5
1.2.3 Generalized RT (GRT) instability	6
1.2.4 Nonlinear stage of CRT instability	7
1.2.5 Microinstability processes and 3-m scale size irregularities	8
1.2.6 Variabilities in ESF	9
1.3 Objective and outline of the thesis	10
1.4 Figure captions	11
2 Effects of molecular ions on the GRT instability: Linear analysis	12
2.1 Introduction	12
2.2 The steady state current density and electron scale height for two ions-electron plasma	12
2.2.1 The zonal current density	12
2.2.2 The plasma scale heights in two ions-electron plasma	13
2.3 First order perturbation analysis of GRT instability in two ions-electron plasma	14
2.3.1 The comparison of growth rates of CRT instability for two ions-electron and one ion-electron plasma	20
2.3.2 The cause for the reduction of the growth rate	21
2.3.3 The comparison of growth rate with damping rate	23
2.3.4 The comparison of time scale associated with instability and life time of both the ions	24
2.4 Role of Fe ⁺ ions	25
2.5 Summary and Conclusion	26
2.6 Figure captions	27
3 Effects of molecular ions on the GRT instability : Nonlinear evolution	28
3.1 Numerical simulation model	28
3.1.1 Set of equations	28
3.1.2 The simulation plane	30

3.1.3	The boundary conditions and initial conditions	30
3.1.4	The numerical scheme	31
3.1.5	The inputs for simulation	31
3.1.6	The form of initial perturbation	31
3.1.7	Cases considered for investigation	32
3.2	Results corresponding to case I	32
3.3	Discussion	34
3.3.1	The upwelling structures as O ⁺ depletions or bubbles	34
3.3.2	The upwelling structures as NO ⁺ enhancement	35
3.3.3	Transport process vs. chemical process	36
3.3.4	Modified polarization velocity in the presence of NO ⁺ ions	39
3.3.5	The importance of O ⁺ scale height below the base	41
3.3.6	Investigations with other cases	41
3.4	Summary and conclusion	43
3.5	Figure captions	43
4	The radar observations of 2.8m scale size irregularities associated with ESF	45
4.1	Introduction	45
4.2	Principle of radar and System Description	45
4.2.1	Principle of radar	45
4.2.2	System Description	46
4.2.3	Data processing	47
4.3	General features	48
4.3.1	Morphology of ESF	48
4.3.2	Day-to-day variabilities	49
4.3.3	Vertical erect and tilted plume structures	50
4.3.4	The topside electron density	50
4.3.5	The absence of backscatter in the valley region	50
4.3.6	The Doppler velocities	51
4.3.7	ESF event of 23 march, 99	55
4.3.8	Late emergence of plume	55
4.3.9	The bottomside ESF event	56
4.4	summary and conclusion	56
4.5	Figure captions	57
5	The simulation of multiwavelength morphology and downwelling of plasma bubbles	58
5.1	Introduction	58
5.2	Numerical simulation model	59
5.2.1	The simulation plane	59
5.2.2	The boundary conditions and initial conditions	59
5.2.3	The numerical scheme	60
5.2.4	The inputs for simulation	60
5.2.5	The form of initial perturbation	60
5.2.6	Cases considered for investigation	60
5.2.7	Method of illustrations	60
5.3	The general features of interaction of two wave modes	61
5.3.1	Results	61

5.3.2	Discussion	62
5.4	A case study	65
5.5	summary and conclusion	67
5.6	Figure captions	67
Conclusions and Future Outlook		69

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