



بسم الله الرحمن الرحيم

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# **Modeling of nonlinear coherent structures in some plasma systems**

A Thesis Submitted to Faculty of Science-Ain Shams University in partial  
fulfillment for The Degree of Master of Science (M.Sc.) in Physics

By

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# **APPROVAL SHEET**

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# Contents

<b>List of Figures</b>	<b>vii</b>
<b>Abstract</b>	<b>x</b>
<b>1 Introduction</b>	<b>1</b>
1.1 PLASMA . . . . .	4
1.1.1 COLLECTIVE BEHAVIOUR . . . . .	6
1.1.2 QUASINEUTRALITY . . . . .	6
1.2 CRITERIA FOR THE	
DEFINITION OF PLASMA . . . . .	7
1.2.1 THE PLASMA APPROXIMATION	
(DEBYE LENGTH) . . . . .	7
1.2.2 BULK INTERACTIONS . . . . .	10
1.2.3 PLASMA FREQUENCY . . . . .	10
1.3 PLASMA PRODUCTION . . . . .	12
1.3.1 PHOTOIONIZATION . . . . .	13

## Contents

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1.3.2	GAS DISCHARGE . . . . .	13
1.4	APPLICATIONS OF PLASMA PHYSICS . . . . .	14
1.5	WAVES IN PLASMA . . . . .	18
1.6	NON-LINEAR WAVES . . . . .	21
1.6.1	SOLITARY WAVES AND SOLITONS . . . . .	23
1.6.2	DOUBLE LAYERS AND SHOCK WAVES . . . . .	26
1.7	MULTI-ION PLASMA . . . . .	28
1.8	DEGENERATE PLASMA . . . . .	30
1.9	OBJECTIVE OF THE THESIS . . . . .	35
<b>2</b>	<b>Literature Review</b>	<b>37</b>
<b>3</b>	<b>Methodology</b>	<b>46</b>
3.1	REDUCTIVE PERTURBATION TECHNIQUE . . . . .	47
3.2	GOVERNING EQUATIONS . . . . .	48
3.3	NUMERICAL ANALYSIS OF GE . . . . .	60
3.3.1	SOLITON WAVE SOLUTION . . . . .	61
3.3.2	DOUBLE LAYER SOLUTION . . . . .	63
<b>4</b>	<b>Results And Discussion</b>	<b>64</b>
4.1	PHASE VELOCITY . . . . .	65
4.2	FAST MODE . . . . .	72

4.3 SLOW MODE . . . . .	80
Conclusion	86
Bibliography	88

# List of Figures

1.1	States of matter. . . . .	3
1.2	Debye Shielding or Positive ion sheaths. . . . .	9
1.3	Examples of terrestrial plasma. . . . .	16
1.4	Solitary waves in water. . . . .	24
4.1	Variation of the phase velocity $\lambda$ against $M$ for both fast and slow modes where $(f, \mu, \sigma_p, \sigma_n)$ are kept fixed respectively as $(0.1, 0.5, 0.2, 0.1)$ . . . . .	67
4.2	Variation of the phase velocity $\lambda$ against $f$ for various values of $\mu$ where $(M, \sigma_p, \sigma_n)$ are kept fixed respectively as $(1, 0.2, 0.1)$ (a) for the fast mode and (b) for the slow mode . . . . .	69
4.3	Variation of the phase velocity $\lambda$ against $\sigma_p$ for various values of $\sigma_n$ where $(M, f, \mu)$ equals $(1, 0.1, 0.5)$ (a) for the fast mode and (b) for the slow mode. . . . .	71