

Contents

1.Motivation

2.ChapterI: Introduction

3.ChapterII: Some facts about plasma

4.ChapterIII: Dusty plasma and its application

5.ChapterIV: Charging Mechanism

6. ChapterV: Strongly coupled dusty plasma

7.ChapterVI: Study on the properties of dense dusty plasma

8.ChapterVII: Results

9.ChapterVIII: Discussion and conclusion

10.References