University of Anbar

College of Science

Department of Applied Geology

Fourth Year

Electromagnetics



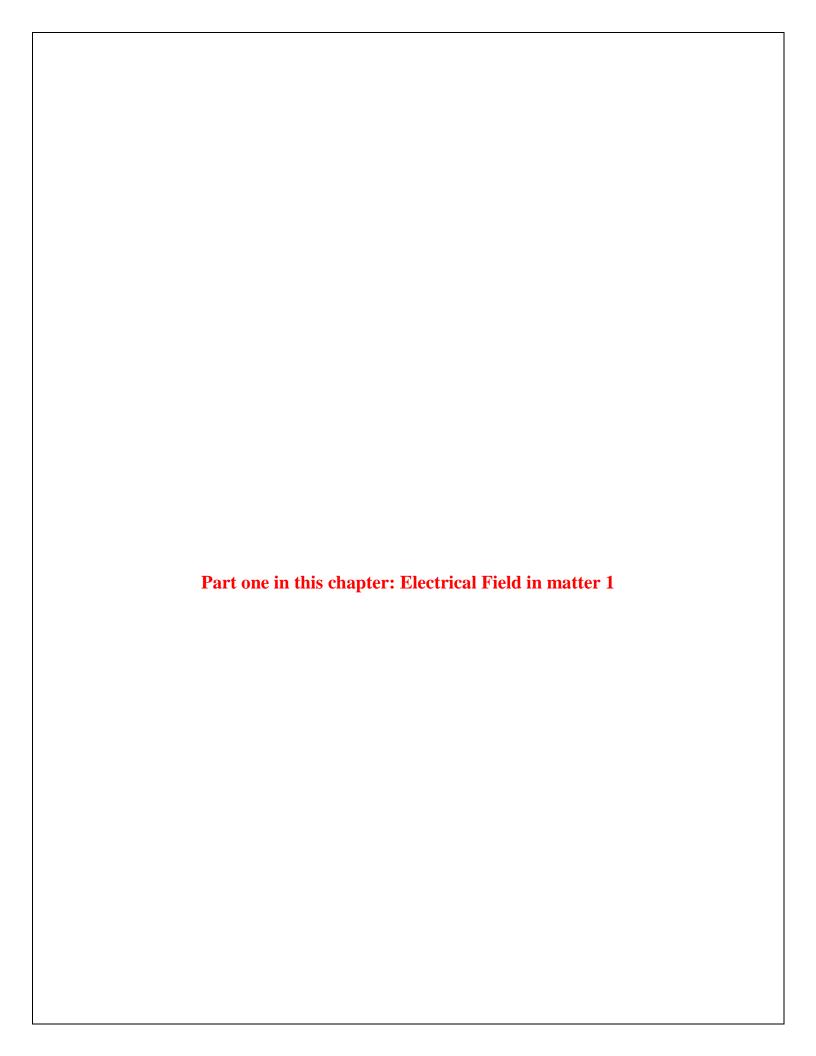
جامعة الانبار كلية العلوم قسم علوم الفيزياء المرحلة الرابعة الكهرومغناطيسية

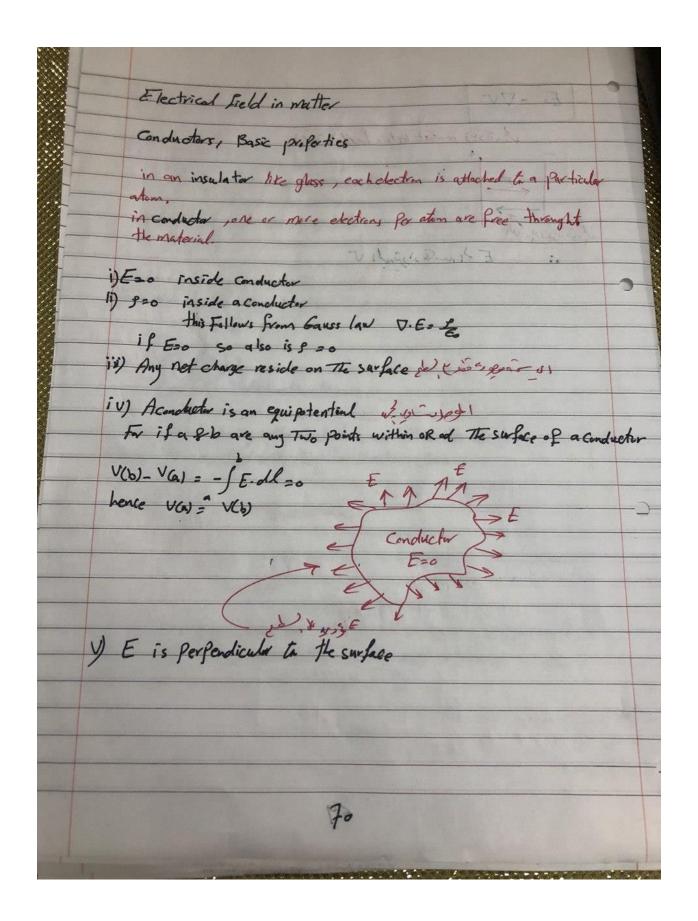
Electrical Field in matter

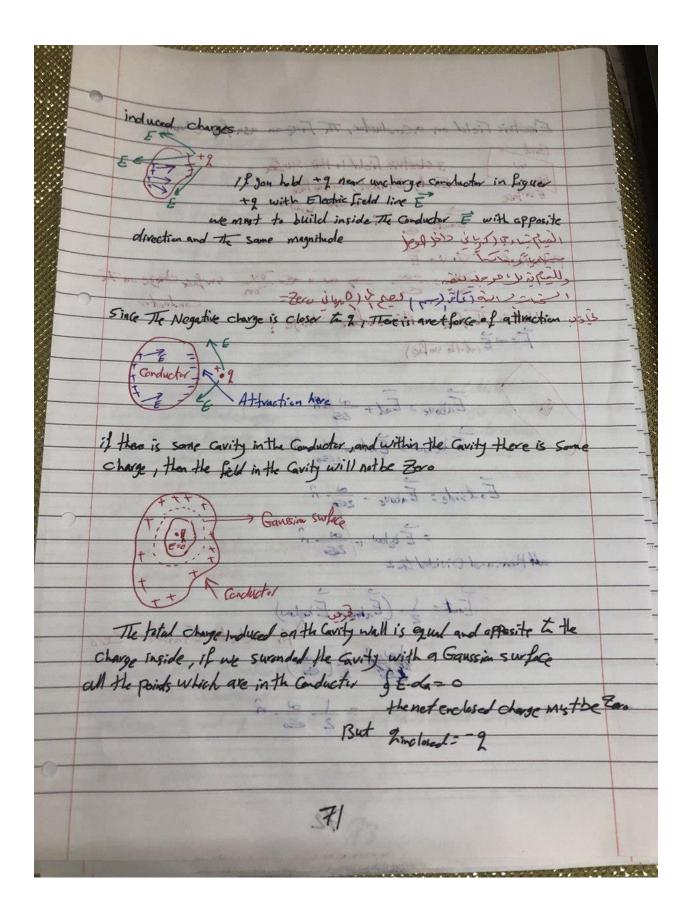
Part One: Electrical Field in matter 1

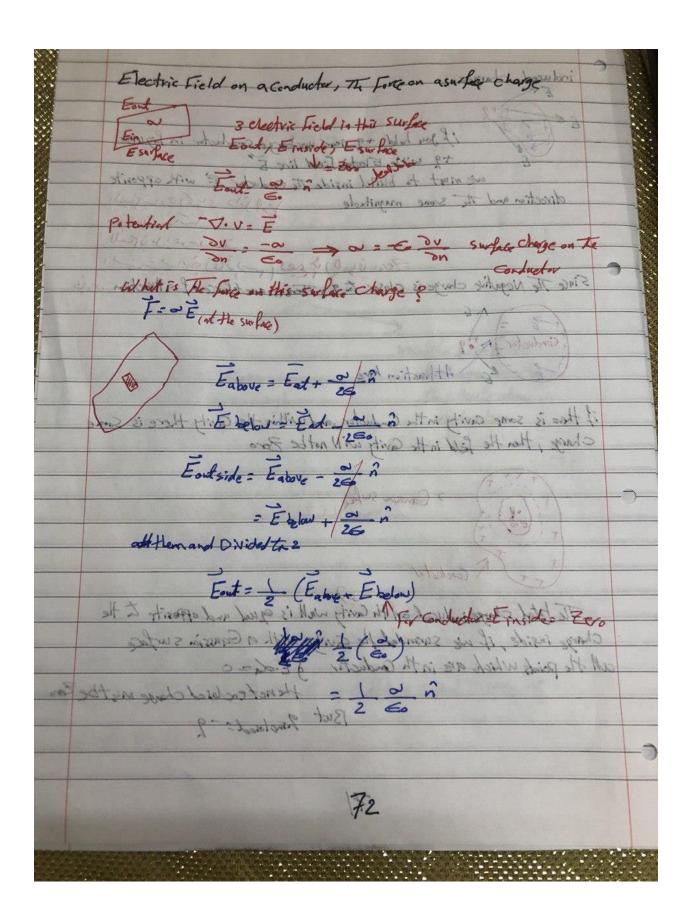
Dr. Israa Kamil Ahmed

د . اسراء كامل احمد









Faw Eat Hes whee in normal dierchina Polarization: insulator (die ledrics) Contain an unlimited charges all charges are attached that are free to move through the material Makeulars. للوز عشرة لاحرز عمى بالارة Dielectrics Polarization at 12 19 3 1 16 2/1 induced Dipoles inside any otems of surface or shafe - Electric Field There is Two charges (+,-) be Tween + 9 and - 9 there is r and this is called Difde of Elatric Dipok

Re	eference:	
	1) INTRODUCTION to ELECTRODYNAMICS, Third Edition, David j.Griffths	