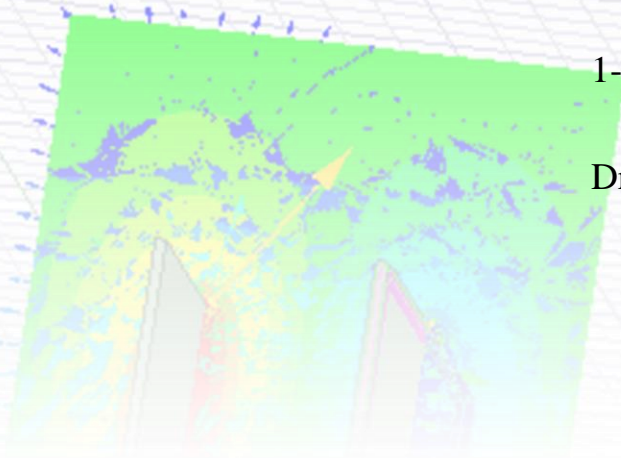


Assignment 3

By

1- Haidy Sayed Hassan

Dr. Noha Hassan

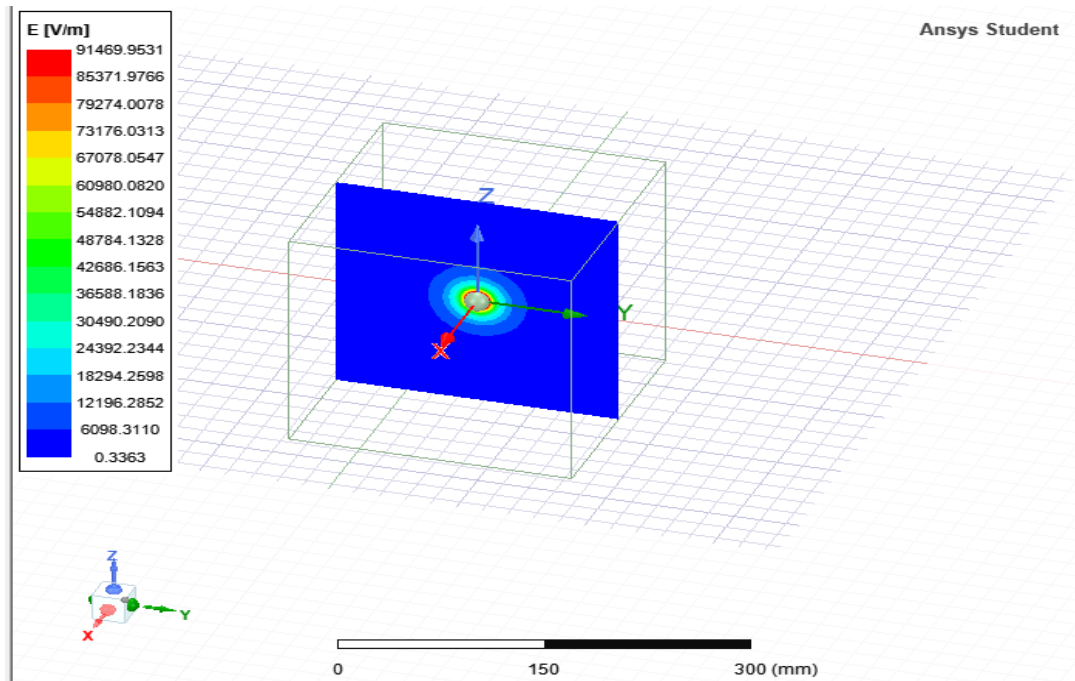


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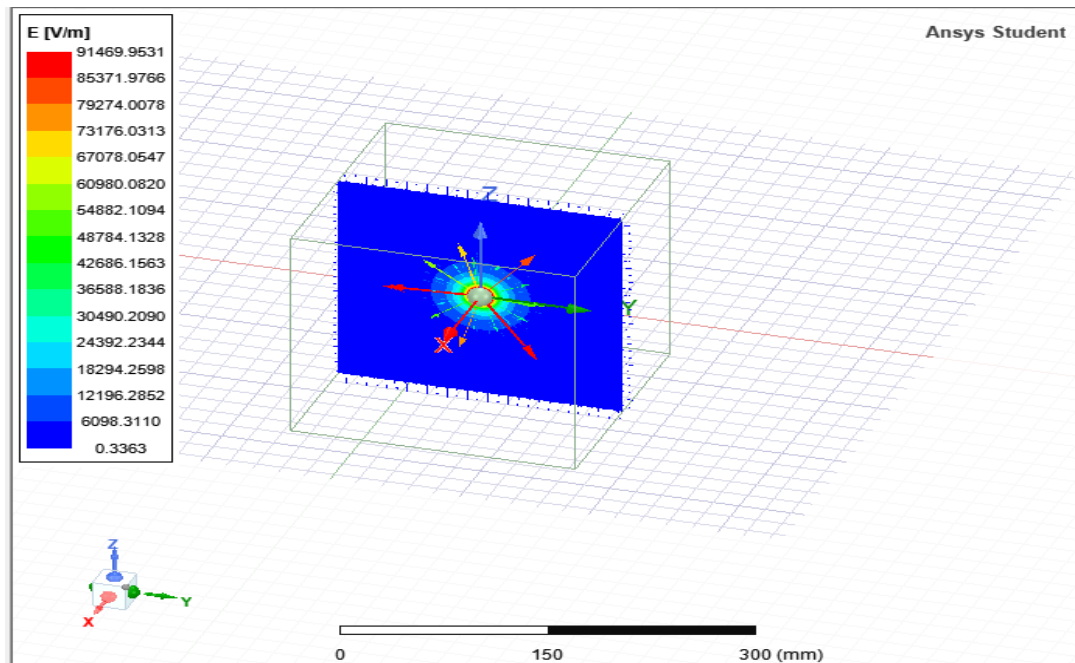
Static electric field of a charged sphere	2
a) Countour plot	2
b) Vector Plot	2
c) the Change of magnetic field with radius	3
Static electric field of 2 charged spheres	4
a) Countour plot	4
b) Vector plot	4
c) The change of magnetic field with radius	5
Electric field due to parallel plate capacitors	6
a) Voltage between the two plates	6
b) Countour plot	6
c) Vector Plot	7

STATIC ELECTRIC FIELD OF A CHARGED SPHERE

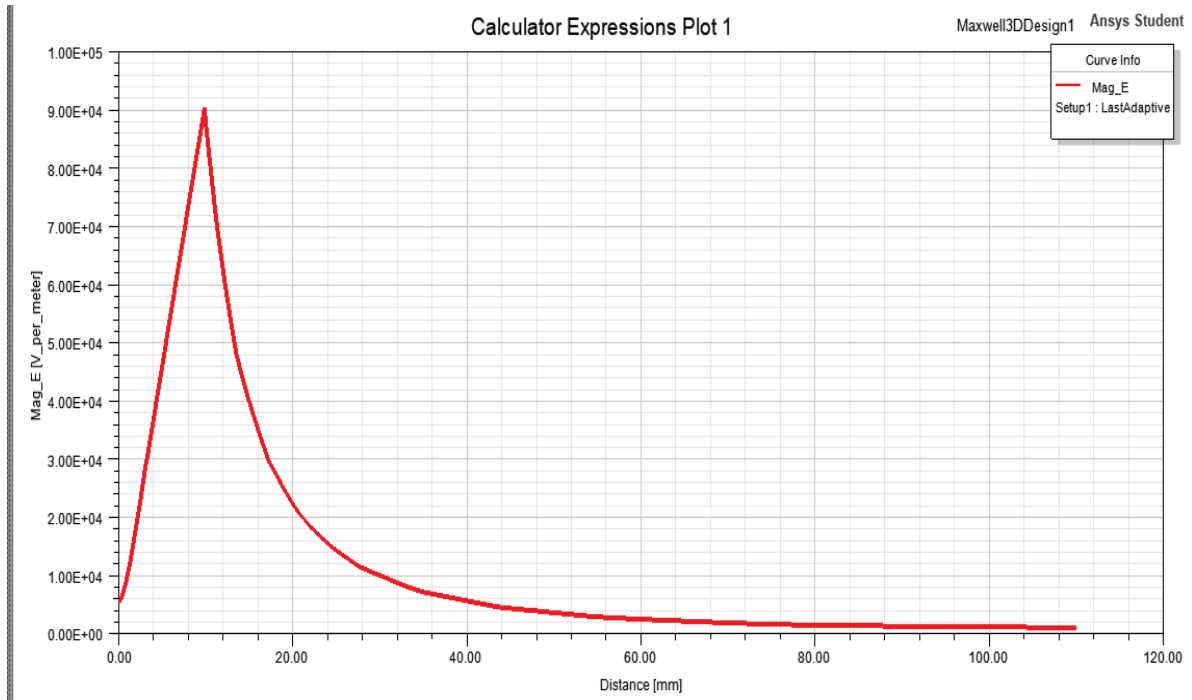
A) COUNTOUR PLOT



B) VECTOR PLOT

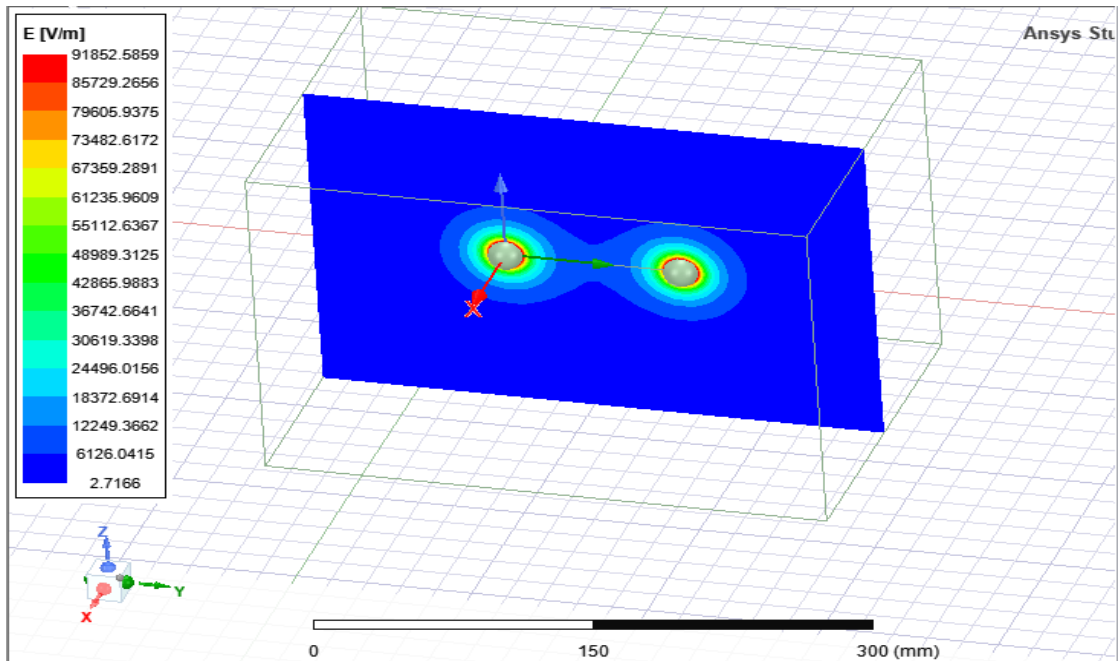


C) THE CHANGE OF MAGNETIC FIELD WITH RADIUS

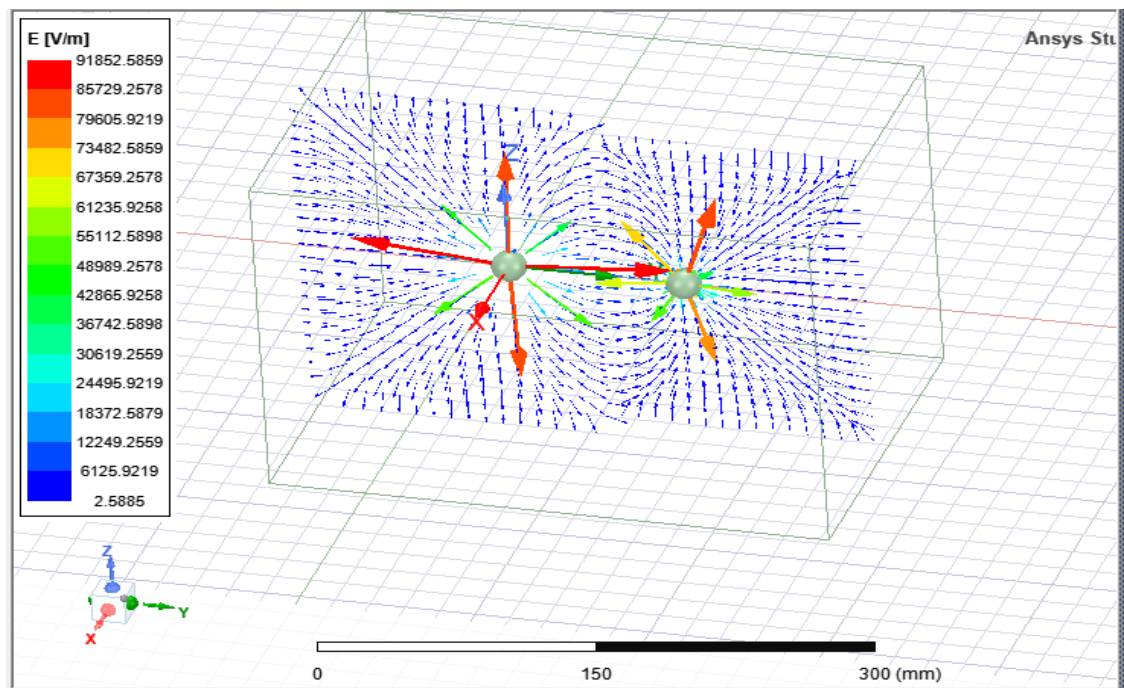


STATIC ELECTRIC FIELD OF 2 CHARGED SPHERES

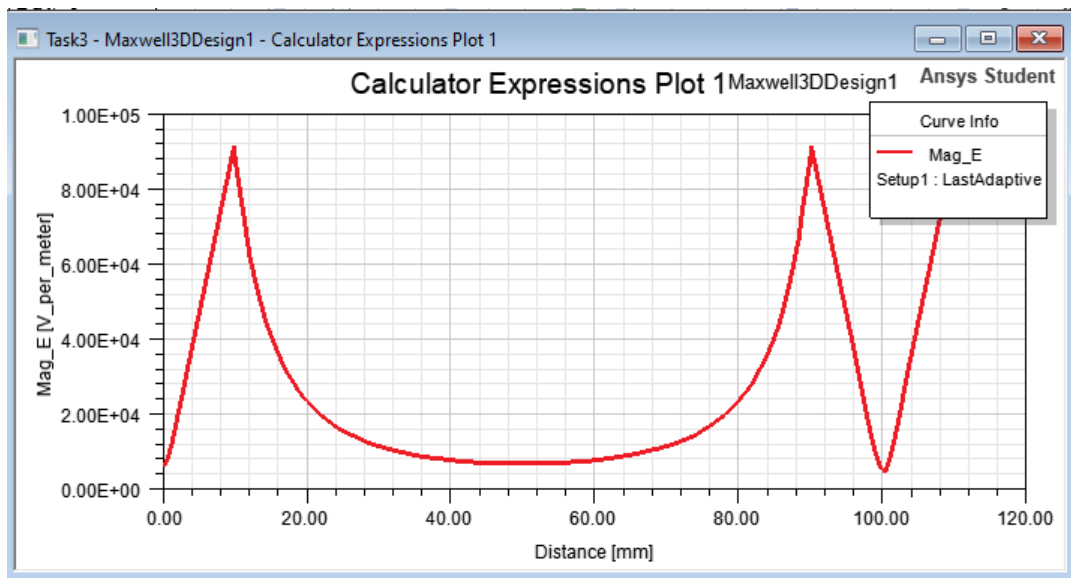
A) COUNTOUR PLOT



B) VECTOR PLOT

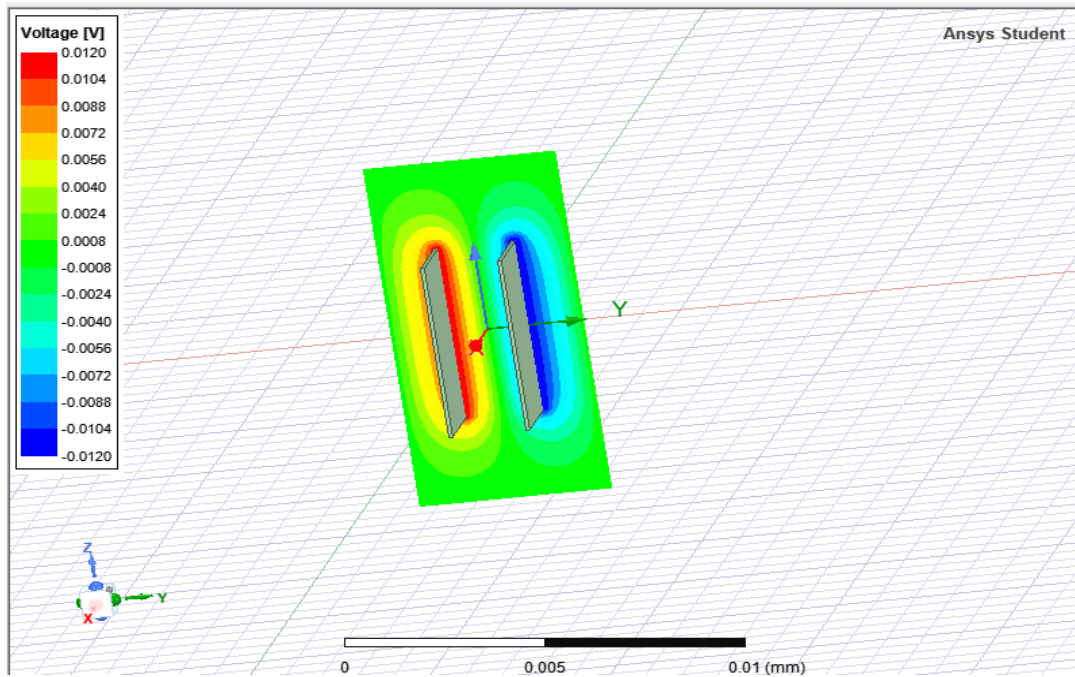


C) THE CHANGE OF MAGNETIC FIELD WITH RADIUS

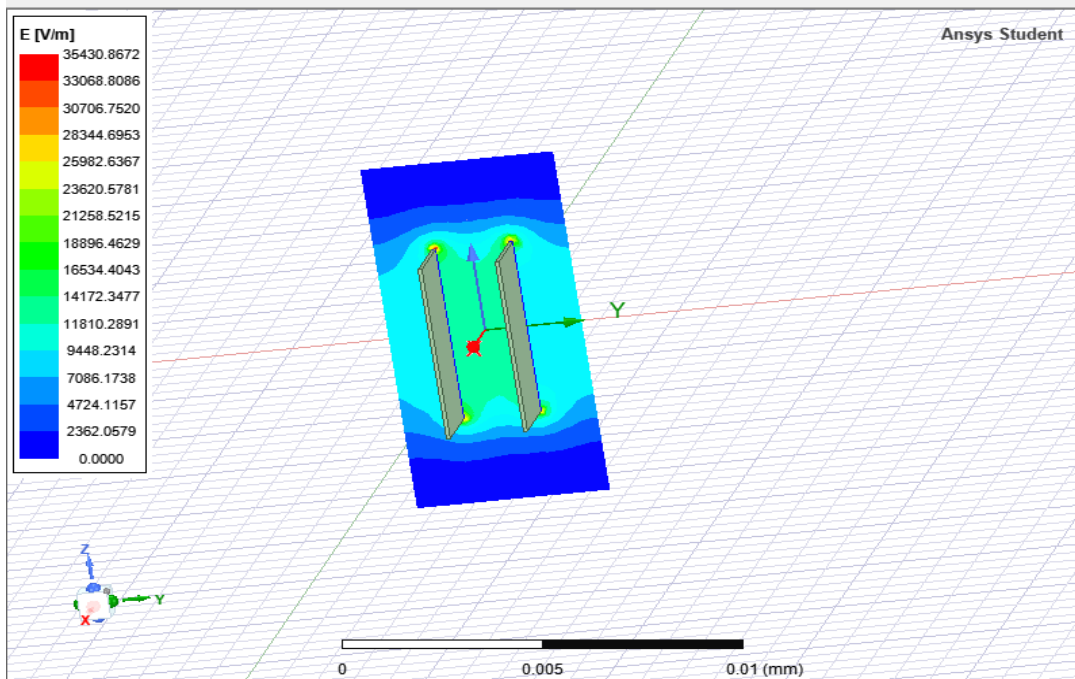


ELECTRIC FIELD DUE TO PARALLEL PLATE CAPACITORS

A) VOLTAGE BETWEEN THE TWO PLATES



B) COUNTOUR PLOT



C) VECTOR PLOT

