Computational Physics 3

HW 3

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***Problem 1***

**1.i)**

Chart, scatter chart

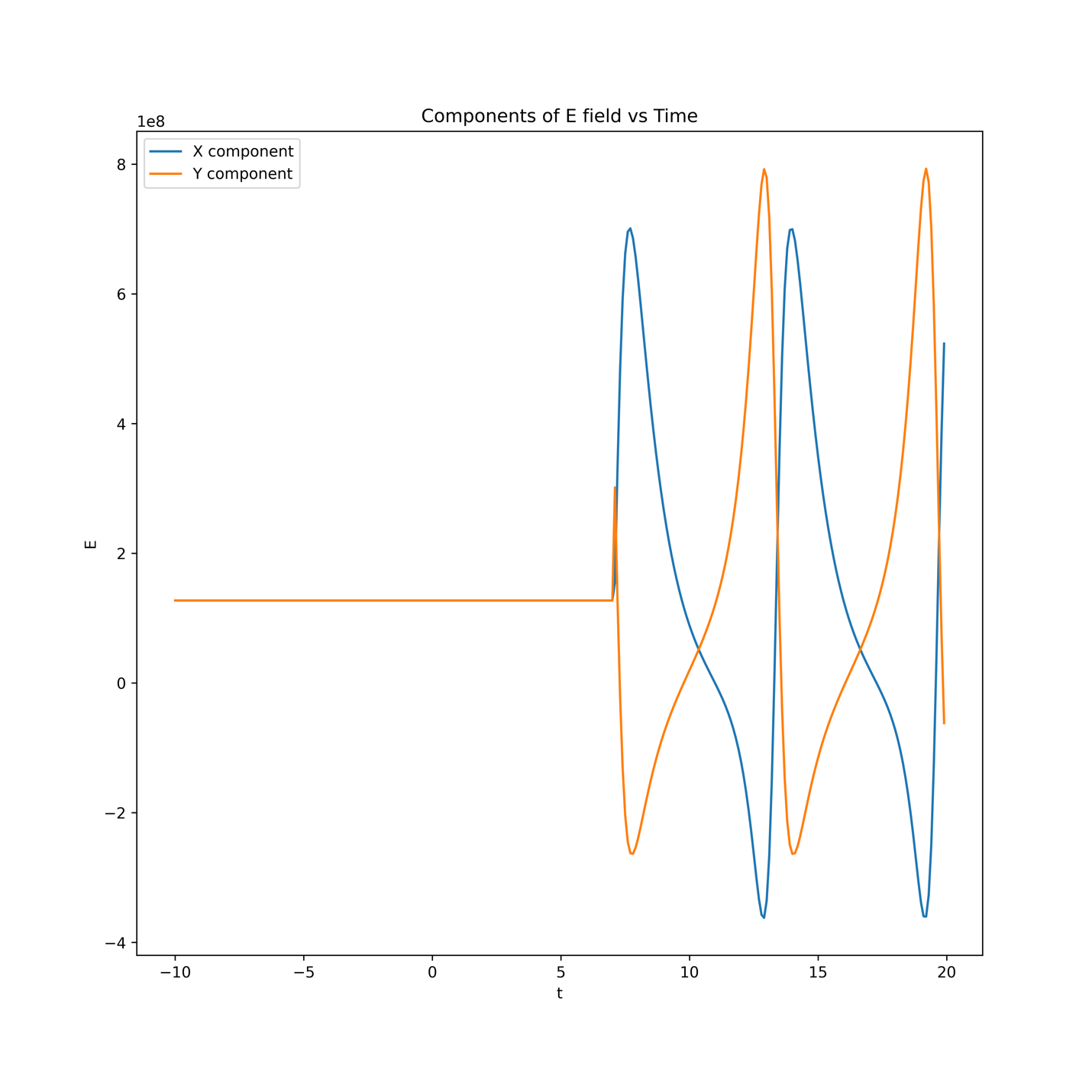
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**1.ii)**

Chart, scatter chart

Description automatically generated

***Problem 2***



***Problem 3***

The Radial component of the electric field was calculated as:

The Tangential component of the electric field was calculated as:

Where Ex, Ey are the x, y components of the electric field

**3.i)**

**Chart, histogram

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**3.ii)**

Histogram

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***Problem 4***

Diagram

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