ELECTROMAGNETICS

Introduction to electrodynamis

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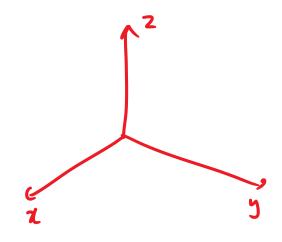
SOCRATES

I cannot teach anybody anything; I can only make them think. - Midael Faraley A.B = AB col _ B.A AxB. ABswip 2 _ _ Bx A a (A+T) a A+AT (元×元). 五

AX(TIXE)

CARTESIAN Coordinak System

RENE DESCARTES (1596-1650)



Right handed System

$$A = \hat{\lambda} A_x + \hat{\lambda} A_y + \hat{k} A_z$$

$$= \hat{\lambda} A_x + \hat{\lambda} A_y + \hat{\lambda} A_z$$

$$A_{\lambda} = \overline{A} \cdot \widehat{C} = \widehat{A} \cdot \overline{A}$$

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- Spherial Pole Goordwick pystem - Afridial Gordwick pystem

VECTOR CALCULUS