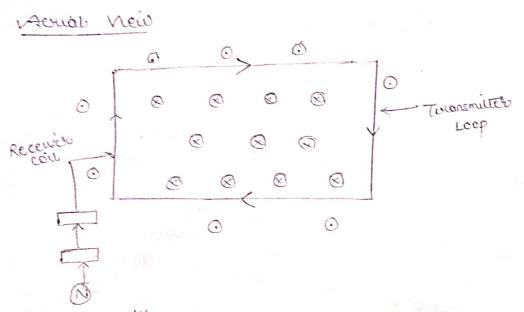
106- Assignment 111Raush Taismal 18EX 20030

5 = gure 1 and explaination

Current un itransmittée doop = Clockmuse direction

vacual New



Course supply

Primary Magnetic Field Quisido the dransmitte doop prunary magnetic field is coming out of little plane and unside the marsmiller doop pumary magnetic field is going wisido the plane because the direction of the w d. is decided by sught fond thamb out. Figure of night hand and in the doctuise direction give primary magnetic field direction by might hand eltumb direction unside the plane of paper. (unside the deep).

Tuensmittee

Tuensmittee

(0,0)

Recourse

1 (2,0) Puefile

Line

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Line

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1 (2,0) Puefile

Line

Direction of convert in the conductor.

VACCOURING To Kenzy sout the conductor.

VACCOURING To Kenzy sout the conductor.

VACCOURING To Kenzy sout the conductor.

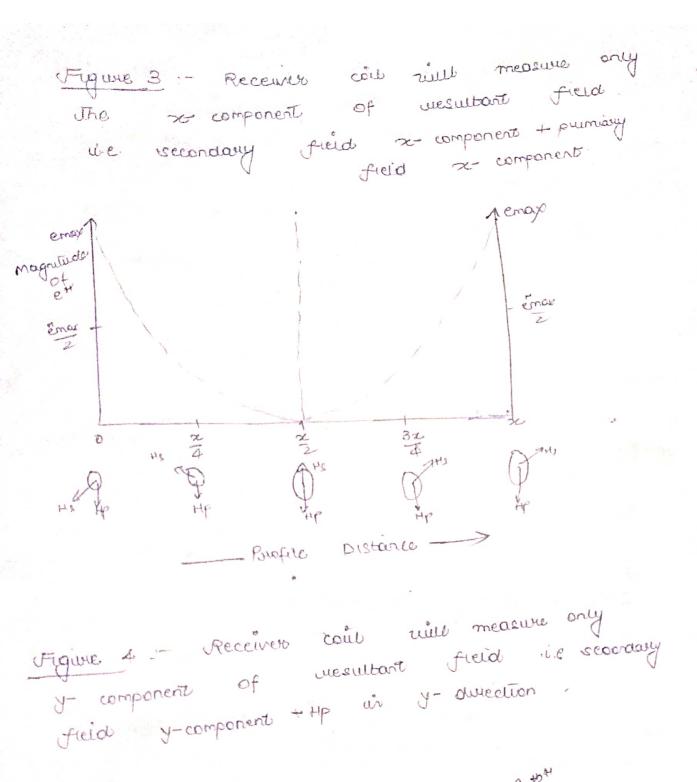
VACCOURING To VECCONDARY TO OPPOSE THE SUCh That the veccondary to oppose the purnaing cook magnetic field so in order.

Vence developed will try to oppose the purnaing cook magnetic field so in order.

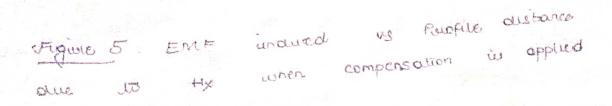
Vence developed will try to oppose the purnaing the magnetic field should flow in upwand direction thence by when he in upwand direction the conductor to direction from weight the conductor to direction from weight when from when from when the conductor to oppose the the conductor.

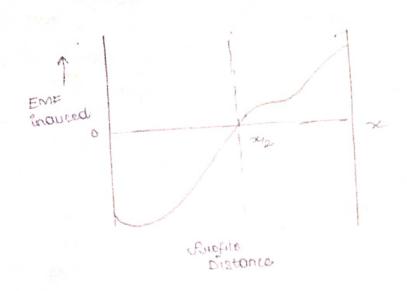
Oppose the the conductor when from when the conductor.

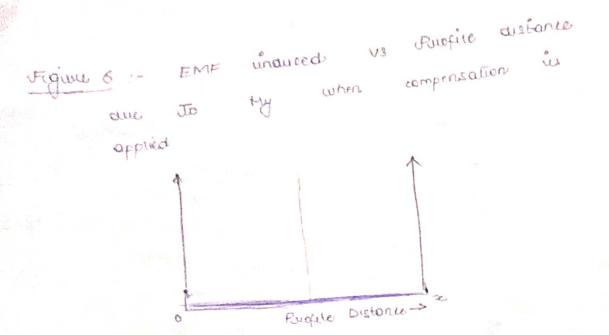
Direction of occordany field: Twom given explanation The recondary field How upward from The conductor chould 18 hould come back from damsia and of conductors. Figure 2: Receiver measure only voiteds due component Hp-носев magnitude unauced Ricfile Distance HP and He coso vomation frequency. The graph in figure 2. Hp and Hs component Justification for figure 3 mecerver come do decrease 09 The component of & The certico due to dim

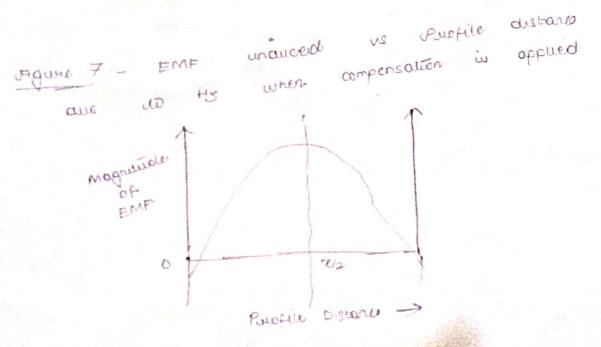


emoy!









Tustification for figure 5. The direction of

Hs x-component with be negative.

The victor of the profite dire of the profite dire and with the positive when vicceive is on the wight of mid -point of profite dire. so the graph with be symmetric about the origin. It will go uncireasing in magnitude as vicceived appreciable to the centre of diansmitter doop. If the diansmission doop is quester in the sixe of the Hs x-component with start to decrease in magnitude due to the some magnetic field when coming bact.

· Thereforement for figure 7: Hs- z-component will be maximum at the centure of the deop and rull go decreasing as we go away from the centure of the doop away from the centure of the doop record being z-component will increase in magnitude as the distance unexicates. It will also be negative for large the duestantless doop as the branch the deop from the winch deft previously for the dess length which deft previously for the dess length this wint change. The dissection of

Mo magnetie freid unes mill poer through viccerrer could when it is possed unesque profile line.

Tuenfication for figure 6
No magnetic unie vill pars Through viecewer where it is mavenessed received purique profile - line ,