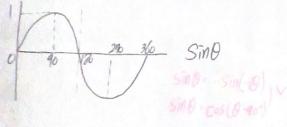
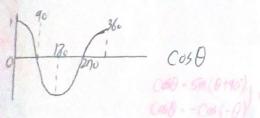
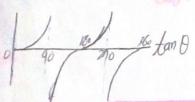
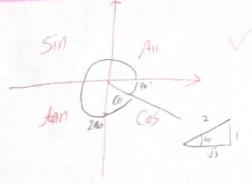
정한하 교취 등의 기호

 $\frac{3}{50}$ $\frac{3}{50}$









20 V = 120 sin () 140 [V] of Alghel 28 to 28 2.

30 th [V] 21 th [V] 4 th [H2] 4 th [N2] \$ 10 [N2] = 1)

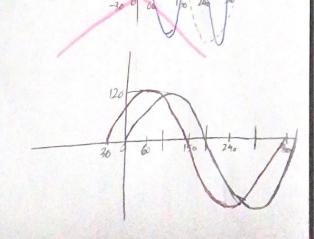
10 [V] = 78 N 1 . [300-20+ 60[H2]=1)

* 対はない Vm=120[v] , 産性ない・Vm=-120[v]

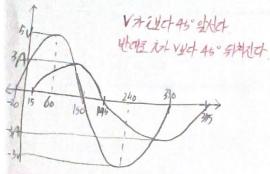
3mt+ =0 → wt= 0= - まからlot、のながモーま Cad Jon H

N=27/4/H f= 1 = 60 [HZ], T= = 0.01667[5]

 $V(\frac{1}{120}) = 120 \sin \left(379 \times \frac{1}{120} + \frac{11}{120}\right) = 120 \sin \frac{\pi}{3} = 60\sqrt{3} \left[\sqrt{3}\right]$ $\left(2 \times \pi \times 60 \times \left(\frac{\pi}{120}\right) + \frac{\pi}{6}\right)$



(2) V=55m (bit 50)[V], A=35m (bit -19*)[A]を 外別には世間間の 2例は



विवेगाने बेटारेट + व राज्ये वेटकेवर.

$$V_{a} = \frac{1}{\pi} \int_{0}^{\pi} V_{m} Sin \theta d\theta = -\frac{V_{m}}{\pi} [Cos\theta]_{0}^{\pi} = \frac{2}{\pi} V_{m} = 0.63N V_{m}[V]$$

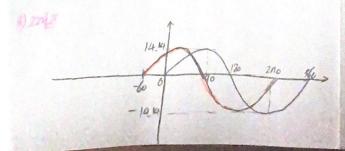
र्थितः क्रियेश (यो) व उत्तर 2 अंग्रेग क्रियेश वित्रेश की स्थापित है। वित्रेश की स्थापित है। वित्रेश की स्थापित है। वित्रेश क्रियेश क्

की मोर्चन करने मेरक । 45000) रोग ने सोरोज डी मार्च प्रदेशन

$$V_a = 450\text{EV} = \frac{2}{7\text{L}}V_m \rightarrow V_m = \frac{\pi}{2} \times 450 = 2257\text{LEV}$$

CX) X = 14,14 Sin (30) £ 13)

00[HD), TO [S]



$$I_{m} = 220 A = \frac{I_m}{\sqrt{2}} \Rightarrow I_m = 220\sqrt{2}$$

I 220 12 [A]

$$V_{a} = 20[V] = \frac{2}{7}V_{m} \Rightarrow V_{m} = \frac{7}{2}x220[V]$$



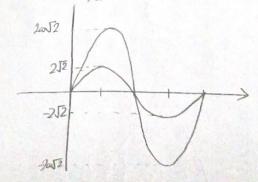
$$\sqrt{2}I = \frac{\sqrt{2}V}{R}$$
 $\therefore I = \frac{V}{R}$

Z(x)-Imsingu

100 = Vm Sm que

VALE) = VINSTITULE (V)

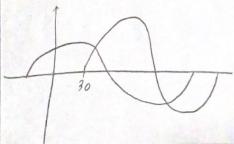
BN R=10[[] , 也到20[] , 60[] 日 考試計 解刊的 对制度研集的 主题 表现 自己的 [] 10 [] 为时间。



 $V(t) = D_{VSIN} ut = |10 D_{SINSM} t[V]$ $X_{C} = \frac{1}{2\pi \times 60 \times |32.63 \times |0^{-6}|} = 20[D] : I = \frac{V}{X_{C}} = 55[V]$ 1/4 = 5.5/2 Sn (2/1/1 + 1)[A] BELTING AMMAIN IN IN STRUCTURE AND ALCOHOLS AND ALCOHOLS Alt) = In Sinwt ilt = C de mit No(t) = C Sidt = In Som Wedt - Im Cosut = Vm Sin (nx - Telu) 1= VI I Sinnt = 1012 Sin 153982 LEA Xc = 1 = 15398.2 x1. 63x10-6 = 2[0] : V=I*c=20[V] Velt = 2012 Sin (153982 & - 1) [N]

Xc= 2 x R x 60 x 265 26 x 10 = 10[0]

1/(+)= 10 J2 Sin (3M+ +6090) = 100 \(\sigma Sin (3MH-300) [V]



6x1052 Sin (24+30) क्षेत्रभारत ASina + 4050x = \12=47 Sin (0+10) B) 1(4)-45/10/24-3.Cos. by flux)=45in ax +3co sux $= \sqrt{4^2 + 3^2} \left(\frac{4}{\sqrt{4^2 + 3^2}} \right) Sin ut + \left(\frac{3}{\sqrt{4^2 + 3^2}} \right) Cos ut$ = 5 (Sin NA COSD + COS NA Sinb) = 5 Sm (nt rd) = 5 Sm (wt +369) 0 = tan = tan = 3=36.9 1+ LODEN(#=13200) V(t)-VR(H+VL(H) -> KVL VR(t) = RI = RImSinux, N(t) = Ldi = WLIm Cos lux V(+)= VR(+)+VL(+)=Im (RSin Wt +WL Coslut) ATIMBES: ASINOX+ Y COSX = VATY SIN(X+B) V(x)=In \ R2+(a) Sin (ax+0), El O= fort ut R=0.6(100) [=13.26(10)] &= 12/25(n) 30004(A 1/2(4)=R2(4)=86,5525in3114EV) VL(1) = Lat = 13.26×10-3×10 52 +309(CC5311) = 5052(05311) [V) UA = Vel A TU(A) = 866 \$ 5 n 300 + 5 a 12 Cos 300 A

= 12 186.6° +50° | 5 m 3mx 86.1 +Cd 3mx -50 }

Wi-la I Sin Carrico E

= 100/2 5 in 90 et Cosio + Cos 317 + 5in 20%

to ton # tun # 200

X=27fL=311x1.96x103=3[2]

X=27fL=311x1.96x103=3[2]

Z=5[2] . 0= Lon-1=36.9

X=2452 Sin(3111+36.9)

VR= Rx2 = 9652 Sin (3111+36.9)

VL= 1252 Sin (3111+36.9)=1252 Sin (3111+36.94.96)

=1252 Sin (3111+36.9)=1252 Sin (3111+36.94.96)

每日日本经 马到代

 $3 \sin \omega + 4 \cos \omega = \sqrt{344^2} \sin (3410)$ $8 \sin \omega + 4 (-6 \cos \omega + 1)$

1 2 - 600 (800 to 160) 4

2)2 - 22,12 Sm (1882 + 25 1) [A]

Q WINT 196 (25500 (1884: 28 1) [W]

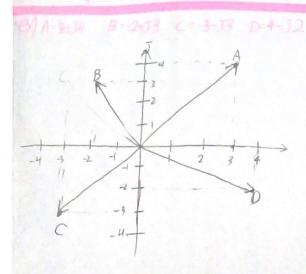
Q V = 132,12 Sin (1884: 113.1) [V]

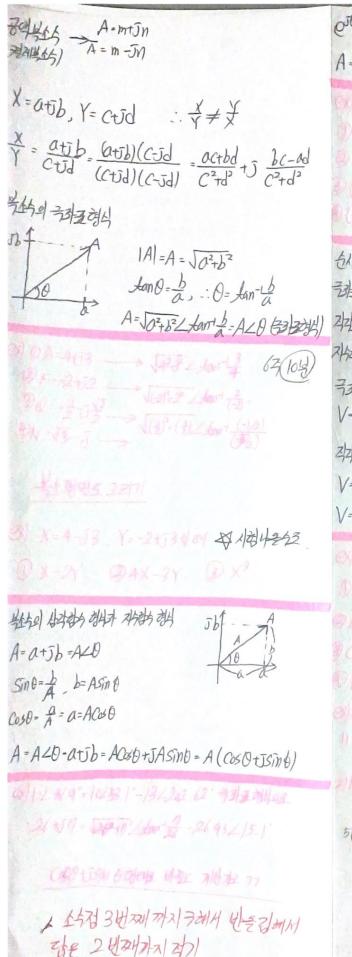
四月对北北的四

对对外的对对 对对 对对 中心 到光 活

AD MA = Von STO (axt + 0) = \(\sigma V \sigma \) (axt + 0) = \(\sigma V \sigma \) (axt + 0) = \(\sigma V \sigma \) (axt + 0) = \(\sigma V \sigma \) [X]

A(\$65)= a+Jb





```
est = Cost to Sint
A = ALO = A (COS OTISINO) = ACTO
ex अभिनेत्र न्या के
台(本): U(大)= V_msin(W+10)= VIVSin(W+10)
司部以(2HO対面): V=VeHLO=VomLO
24313 all : V = atib
对始的: V= Ve50
333->2237
V=VLO=V(CxOtisinO)=VCxOtiAsinO=a+jb
弘祖 > 元祖
V=atib= \artb2 Ltan + b= VLD (=33)
V=atib = VZB = VejB
 1) A = (2230) = (2e330) = 8e300 = 8(C640+JSingo) = J8
 18= (413) × 600 = (413) × (435 to 2.5) = (19.41) 10 tils co-93
                 = 9.9+J23.05
 5 (Cossutisinso)
```