2).	I-p x'-men has 350 Primary 1050 secondary.
19 12 The	wirding, Primary u connected to 400V
100	50 Hz Ac of net cross-sectional Area
Same?	of core is soom calculate max they
M	donsity of induced EMF in Secondary
13-35	winding.
2.0	
=>	Given,
	E, = 400V
	f = SO H3 N E2 = ?

 $N_1 = 350$   $N_2 = 1050$   $N_3 = 7$ 

A1 = 50 cm2

E N1

 $E_2 = N_2 \times E_1 = 1050 \times 400$   $N_1 = 350$ 

E2 = 1200

00 E, = 4.44 f N pm

 $\frac{400}{4.44 \times 50 \times 350} = \phi m$ 

pm = 5.148 × 10-3

ο Bm = φm = 5.148 x10<sup>-3</sup>
50

Bn = 1.02 × 10 4 wb/cm2