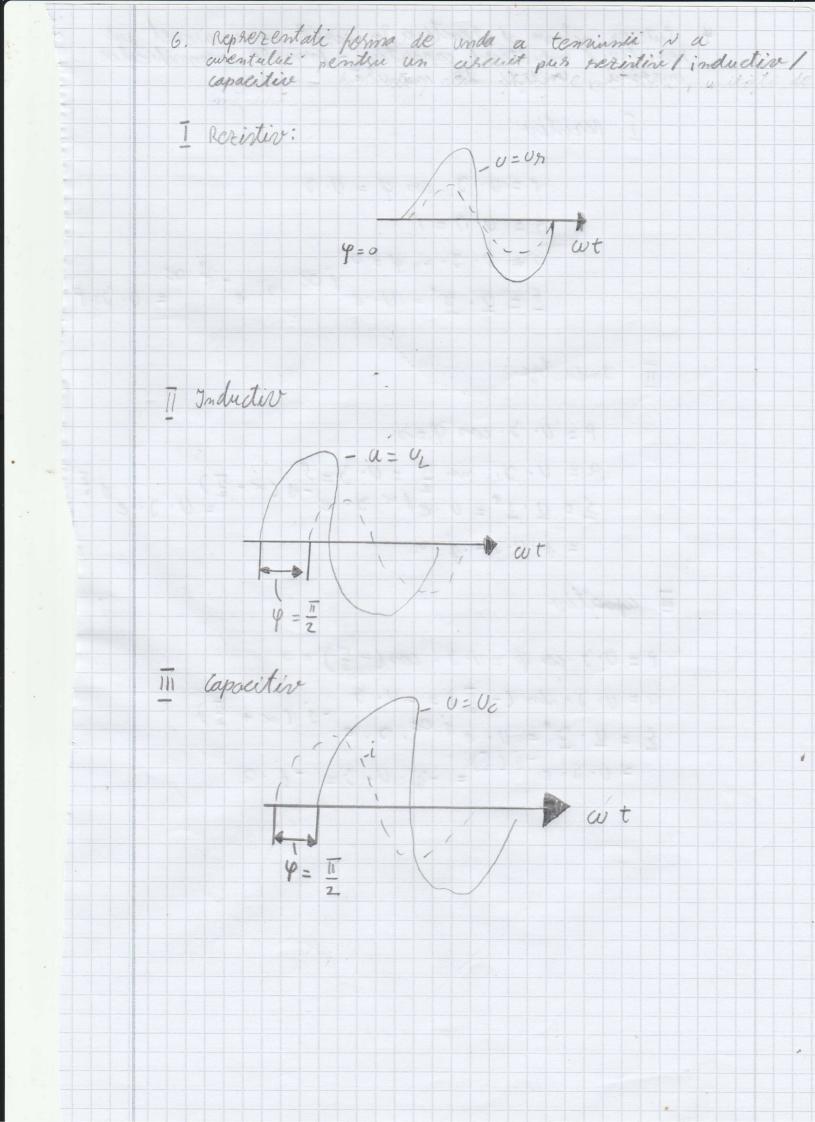
1. Defat ajul intel dona marini inuvoidale (terrieure re Departajul q'intre souà marine unavoidale diperente intre parelle los. 9=(w.t+ 2,)-(wt+ 2)= 2,-2 2. Valourea electivo a aventular electric inuncidal - pormula semifiable marini in curent continuen => acc = R. 3ep. T in curent alternative => Tel = 5m = 3 O marine vinusoidala oarloak: oc (t) = Am rin (wt + x) = √2 · A · rin (wt + 00) 7 3. Impedanta assertului - depinitie, pormula, remnificatio Formula: Z =

4. Puterea activa/reactiva/aparenta/factors de putere notes - un circuit de caront alternative - depinitie pormula Puterea activa = valoarea medie a puterii instantance $P = p' = \frac{1}{T} \int u \cdot i \cdot dt$ P=U.3. cos g [W] l'uterla aparenta = puterla de dépinitée à aparatidut, indica valorile meminale ale tennimie si outrentur la care este sinemional S = U. JIVA Factor de putere = rapportal dintre puterea activa si puterca oparenta: Puterea reactiva = ansambelul puteriles in c.a a = 0. 3. rin & [vas 5. Forma algeberica si trigonometrica a unui mumar complex - pormula, remnificative marini. (= & + j.6 = 8. (cos & + j min oc)



4. Puteren activa i heactive in carel unue ircuit pus revirtive I inductive I capacitive - formule, remnificative movimi, unitati de masusa. I Rezentire P=U. y. cos q= U. 3 5=0.9=1 Q = U. J. vin y = 0 5 = U. J = U. e j 00 J e j 00 5 = U. J = f Inducting 11 P= U. 3. con 9=0 $Q = U \cdot y \cdot \sin \pi = U \cdot y = S \cdot (x - \frac{11}{2})$ $S = U \cdot y + = U \cdot ef x \cdot y \cdot e^{-\frac{1}{2}} \cdot (x - \frac{11}{2})$ $S = U \cdot y + = U \cdot ef x \cdot y \cdot e^{-\frac{1}{2}} \cdot (x - \frac{11}{2})$ = j. U. J = j. Q III copacitiv P = 0.3. cos q = 0.3. cos (- =) =0 $Q = U \cdot y \cdot \sin(-\frac{\pi}{2}) = -U \cdot y$ $S = U \cdot y^* = U \cdot e^{\frac{\pi}{2}} \cdot Q \cdot (\infty + \frac{\pi}{2})$ = U. 3. c - j (= - j . U. 3 = - j . Q

