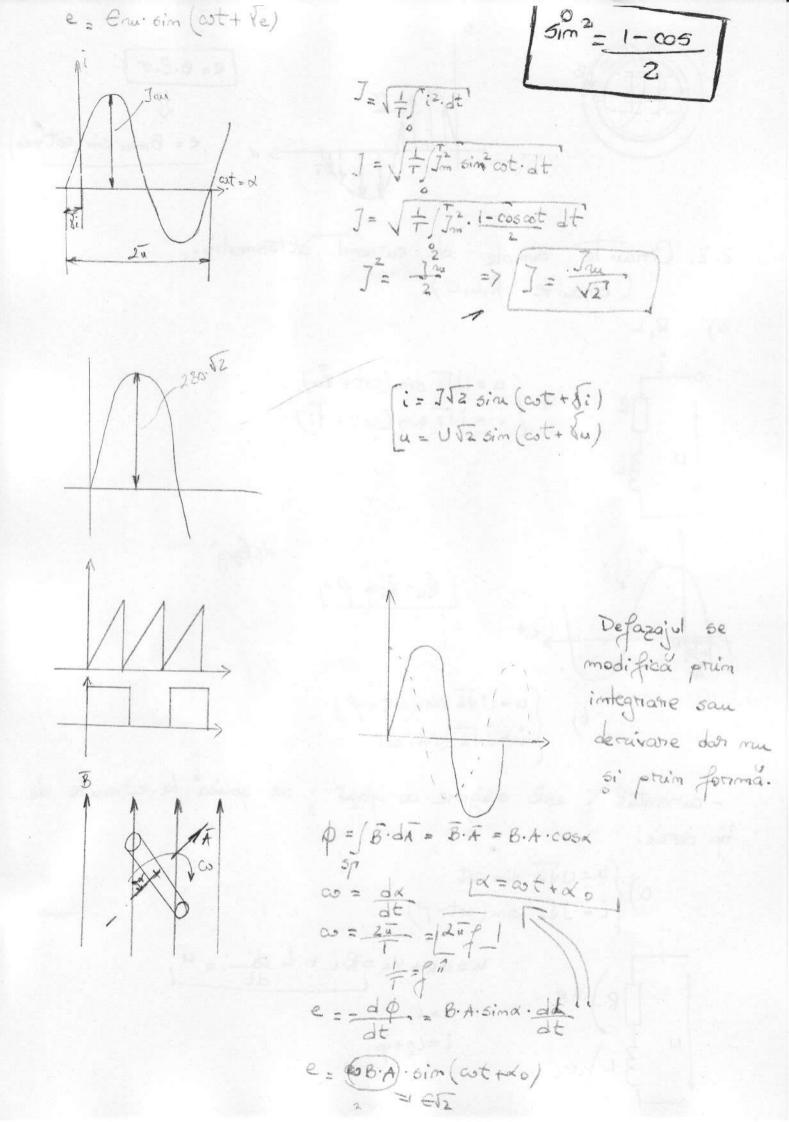
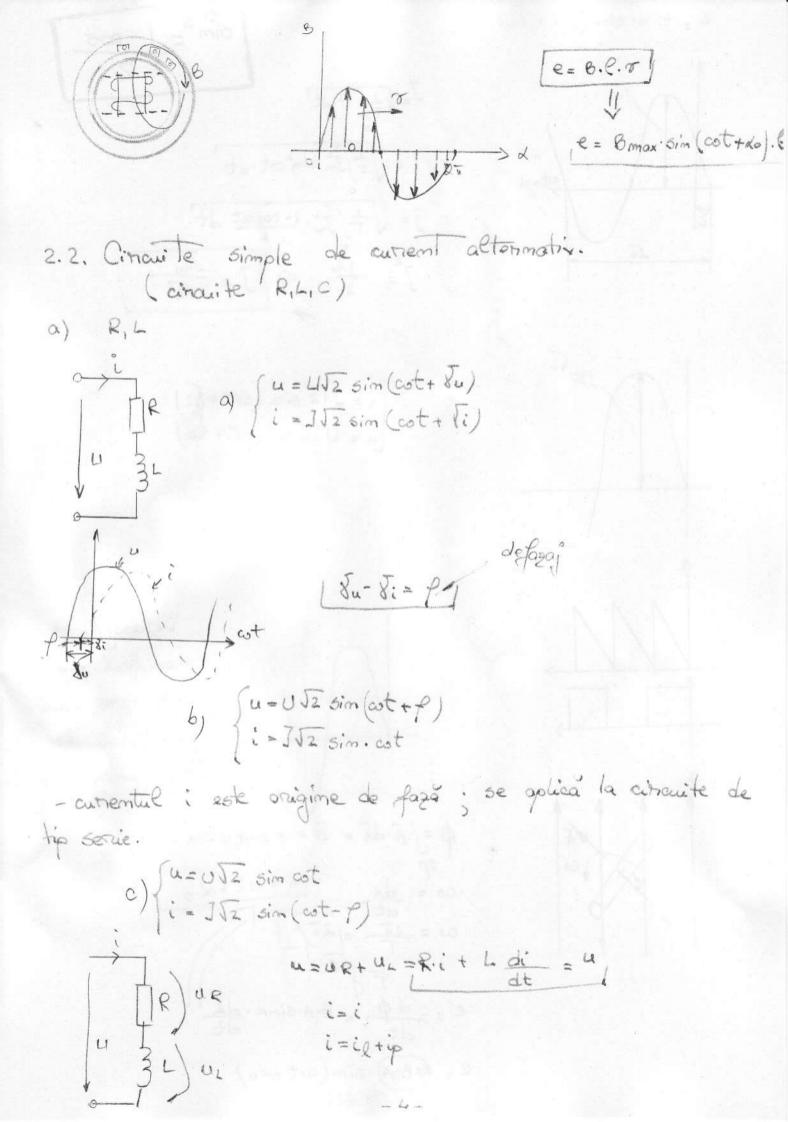
13.04.2010 C.2: Teorsia sinsuitelon in actient aftermativ Marimi, parametrii, legi si teoneme in cina de current altermativ. maraimile care sont variabile in time \$ = \(\bar{8} \cdat 1 = L; | p = L·i | = / 8.dA En = d | B. d* = - d [[-i] ute = Ri -> Legea lui Shrau: UL = L. di ートしいよう in=上Judti

W = C i = d2 => 2= | i dt Cu=fidt - Jua = 1 fidt; ia = c. du [R,L,C]
2.1. Mariani vatiobile, mariani e(t); i(t), u(t); p(t) i = fidt 1 = (#/T:2.dt To valoanea medie patratica P= R. 12 p = R.]2 Wm = 1 4. 2 bobina) We = 1 C.u2 P= Lidi = u.i P= C.u. du = io.u marime simusoidala este o marime periodica i = Jour sim (aut + 8i) u = Um. sin (out fu)





JTI sin cot + La) Jz cos cot = u Jz sin cot · cos p+ U Jz cos cot · sin p [R.] = U cos p |2 => => []= JR2+(colp)

P = anoty col Ucosp= Va - activ Usimp=Un - neartin CoL = X_ - neactanta bobinei 2 = (R2+x2 - impedanta [R, X, Z] truingtime impedante