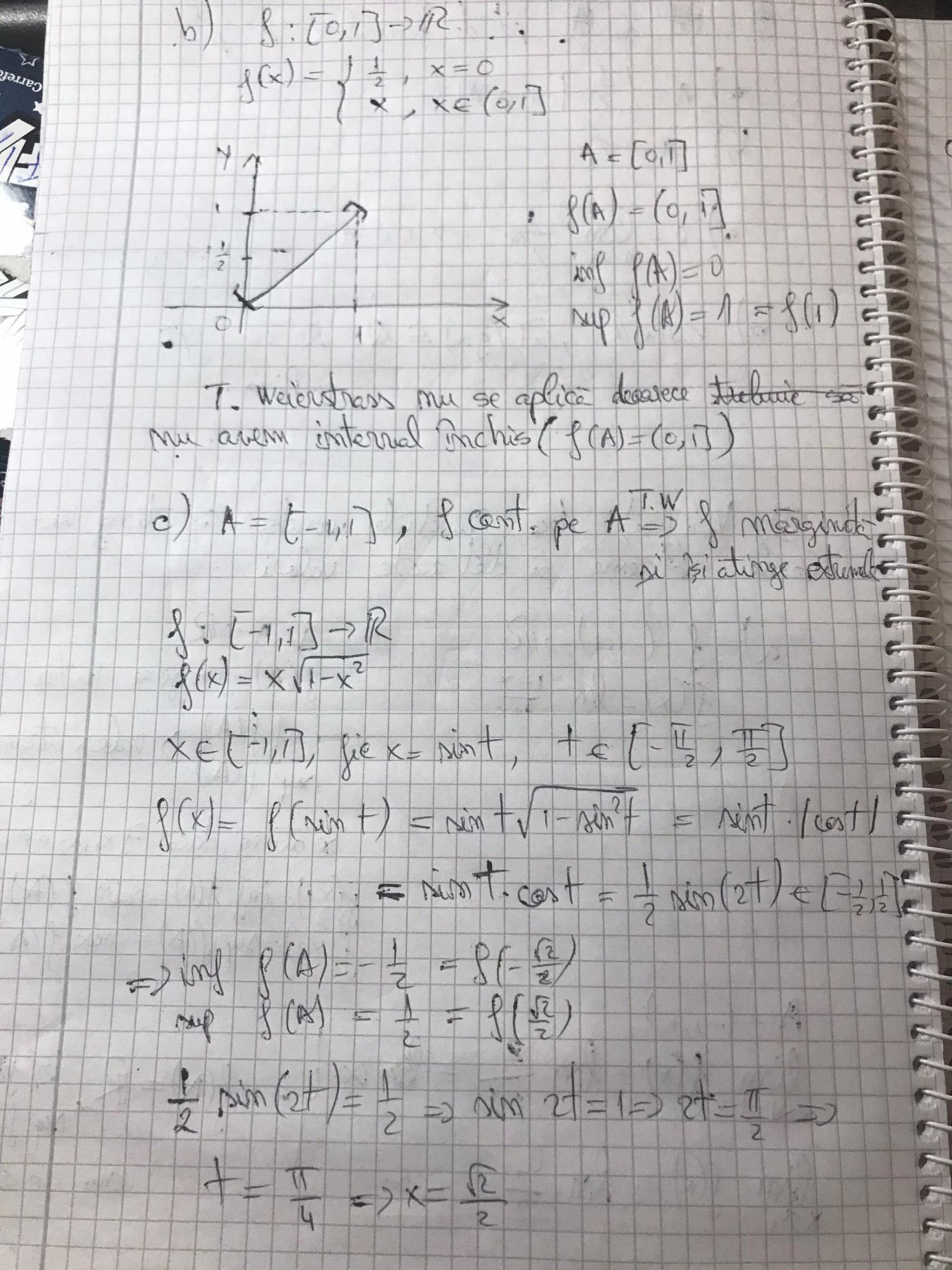
Germinan 5 - ANALIZA Justificati rasp. i) mil < (men) - lm m < to > to men) ii) simil cm = 1+1+1+1+++++ - - la m e commergent i) je f(x) = lm x, tx>0 à intervalil [m, m+1], ments Aplicam récreme de medie à lui Cagrange = => => = (m,m+1) { (c) = { (m+1)- g(m) (m+1)- (m/m) 8(0)= 1 (mx c cm+1 (c) MAA MH -(m = mm+1 descrences

em 3- em 2 < 1/2 On (m+ J- on m < 1 In (m+1)- In 12 1+ 1+ 1+ 1 =>000 (m+1)- (m mc cm, +m=1 - marginat inf ) convergent lui Eubr and Con ex M ٠, ١ e

Det mult, pot de accumulare => OC A trek, 3 gm = Q de au Verificati dace functule unmatable is ating familiei g(A)-imagina ing g(A) Svalleri extreme reating, dace Fx, x2 et e? 8(x1)= ing f(k)= min f (A) 1 (x2)= sup f(B) = max (A)



(4) dosse (eciptoca bie) x1,x2 e(q,b), x1 e x2 est avien g(x1) < g(x2) atunci este croscadoare pe (a,6) 1(x) = lim f(y)-s(x) y+xx y-x " lie xive (a, b), xxv, din T. de medie pe (X, Y) => F CE(X,Y) lui dagrange => g(x)-g(x)=> gcrex Cantragemplu Determinati punchele ex

