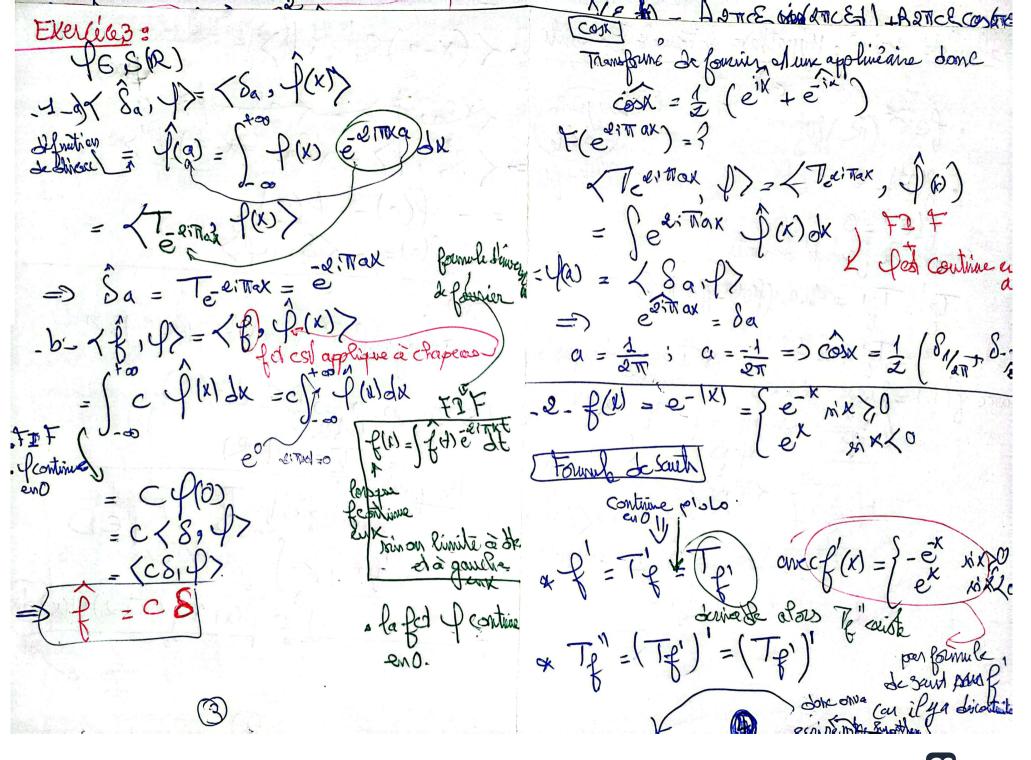
· f' & & (R1 803) f'(0+)=-1 of f'(0-)=1 4" = (Tg1) = Tx1+(-2-2)8 = Ten - 28 anec f(x) = Sex xix>0 = Respose of the = TE = 28) (&iTIX) = Tp-28-Tp-28 (=) Tf (1+ 470 xe) = e Text = eixt= (RA)= F-1(1)(SA))(N=F-1(P)* F-(CO(ATICE)) + 4-1 (P)* +-2 (min(ATICE))(N)= (A) = (N)* \$\frac{1}{2}(SC) + (N) \(\frac{1}{2}(SC) + (N) \(\frac{1}

(x,0)= (x) 31 (NO) = M(N) Definer AA 1 (E)= JULY 10 PARTIES PARTIES AND THE PROPRIEMENT A PARTIES AND THE PROPRIEMENT AND THE PROPRI T.F. partielle a Appliqueus la transferreillan de toumer variable d'inte L(3/5)-Co L(3/1)=0 * + (3/1)(E) = 32 11(E,t) (1,3) (3) (E) = (3) (E,t) (x) = (x) (th)) + => 32 Li(EH) - C2(2:115)2 Li(E,t) = 0 which was been a formed the second of the se

2 1 (E,t)+ (TE) û(E,t) = 0 => 3 [(S10) = B 2mcs 2- (cà - snevendre alle equation) Ec: 7 + (2TCE) M& = -(2 T &C)2 e)(3) cos (ATIC ST => x = Q+ iercs D(E,t)=A con(encet)+Bringencet coo englal I Single partie Tex etter = F(Cos(I)) condition initial * U(x,0) = Y(x) (L(4,0) (E) = P(S) (a) (21100) = darda 81 (E10) = A (11 Eaga) (X) = som (2 Trak = 7-1(1 xin(2mcst))=17-1 (ninkmcst) = 1 -1 Feter



· f' & &' (R1 E03) \$'(0+)=-1 of \$'(0-)=1 4"=(Tp1)'= Tx"+(-1-2)8 = Tp11 - 28 avec f(1x) = Sex xix>0 = TE = (8) (&iTIX) Tg = Tg-28 = Tq-28 (=) Tf (1+ 4772 xe) = e Text = eixt u(kd)= F-1(1)(51)(0=F-7)*F-4-1 (4)* 4-2 (m/(2) (K)

Orn(Nt) - Ce Din = 0 $U(x,0) = \varphi(x)$ 34 (x) = (x) (x) T.F. parkelle 1 (E,t) = F(4(x,t)) (E)= | Uktle a Appliqueur la transformation de toumer una de L(34)-Co L(3x)=0 * F (3/1)(E) = 32 11(E,t) (1,3)û (311:8)= (3) (E) = (8:11E) 2 û(E,t) T(8/4)) (K)= (277X) (K) => $\frac{\partial^2}{\partial t^2} \hat{U}(\epsilon_H) - C^2(2776)^2 \hat{U}(\epsilon_1 t) = 0$

Site =-ARTICE GONGATICES) +BRTICE CONGTE 2 1) (E,t)+(DE) => 2û(S10) = B 2mcs -2- (cà - resondre alle equation) Ec: x+ (27CE) M& = -(2 T &C)2 O(S) COS (ATIC ST D(E,t)=Acodences)+Bringences ८०० लंबावी प्रेयंत्रहों + e = F(Cos(I)ax) condition initial * 1) (x10) = +(x) (M(0,0))(E) = P(B)) = darda (a) (27190) 81 (E10) = A (11 [a, a) (X) = sin($\frac{\partial \psi(x,0)}{\partial t} = \psi(x)$ = 7-1(1 xin(21051))=17-1 (infines) = 1 -1 -tel

1/2) AN * (8014 8-ct)] نعبوها دن ارساوب المهنيه = 1 [p(x-4)+ p(x+ch)] [fy) g(x-y) =