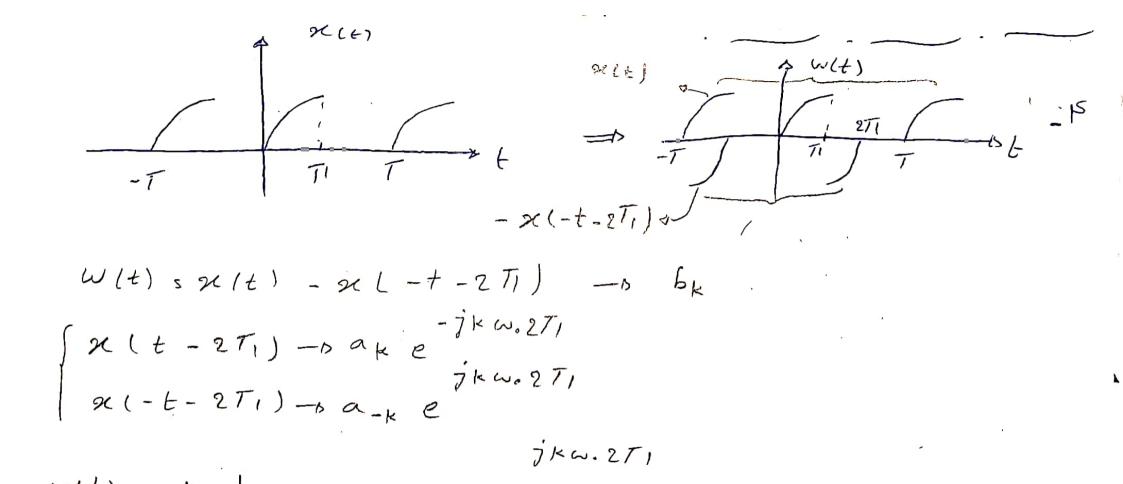
20(6) = 294((1-t)-1/3 94(2t-1) Tz? ak? T2 5 Kmm { T1 , T/2 7 = T1 $2((t) \longrightarrow a_{k})$ $2((t+1) \longrightarrow a_{k}e$ $+jk\omega$ $2((-t+1) \longrightarrow a_{k}e$ $2((t-1) \longrightarrow a_{k}e$ =15 T2 5 T1 * 21(2t-1) -rake 7/5 T/2 =0 W/5 2W. Use die us = $a_{k_2} s 2 a_{-k_1} e - j_k a_{k_1} e - j_k a_{k_2} e$.

 $a_{k,s} = \frac{1}{T_0} \int_{-jkw, t} \frac{-jkw, t}{sudjwi} = \frac{1}{\frac{-jkw, t}{jkw, t}} \frac{-jkw, t}{\frac{-jkw, t}{jkw, t}}$ $a_{k,s} = \frac{1}{T_0} \int_{-jkw, t} \frac{-jkw, t}{sudjwi} = \frac{-jkw, t}{sudjwi}$ aks 1/4 [- 1 kw. t | 1] aks -1/1 [etkw., 2 - 7kw.] + [etkw. -jkw.] + [jkw.]] aks - J [e - e] + [e + c] - jku.

1(ku.)2 [- e - e] + [e + c] - jku. =5 aks -7 2 sinker. + (-1) cosker.

9(16) -bak, , T= 6 Z(6) 529(1/26-1) 439(12+) 40 T/2 LIS ZT x(t) -bak 21 (6-1) - Dake - jkwo 2 (1/2 t-1) -15 ake -jk/2wo 9x(2t) -13 ak = b ZCE) 5 2 COKE + 300 K

-rdie -rdie



$$a_{k} = a_{k+2} \quad a_{k} = a_{k}$$

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bks j(K+1) woe xak+1 x dec(t) -0 j(k+1) w. ak+1 (x= doct+1) = 7(K+1) W. 9K+1