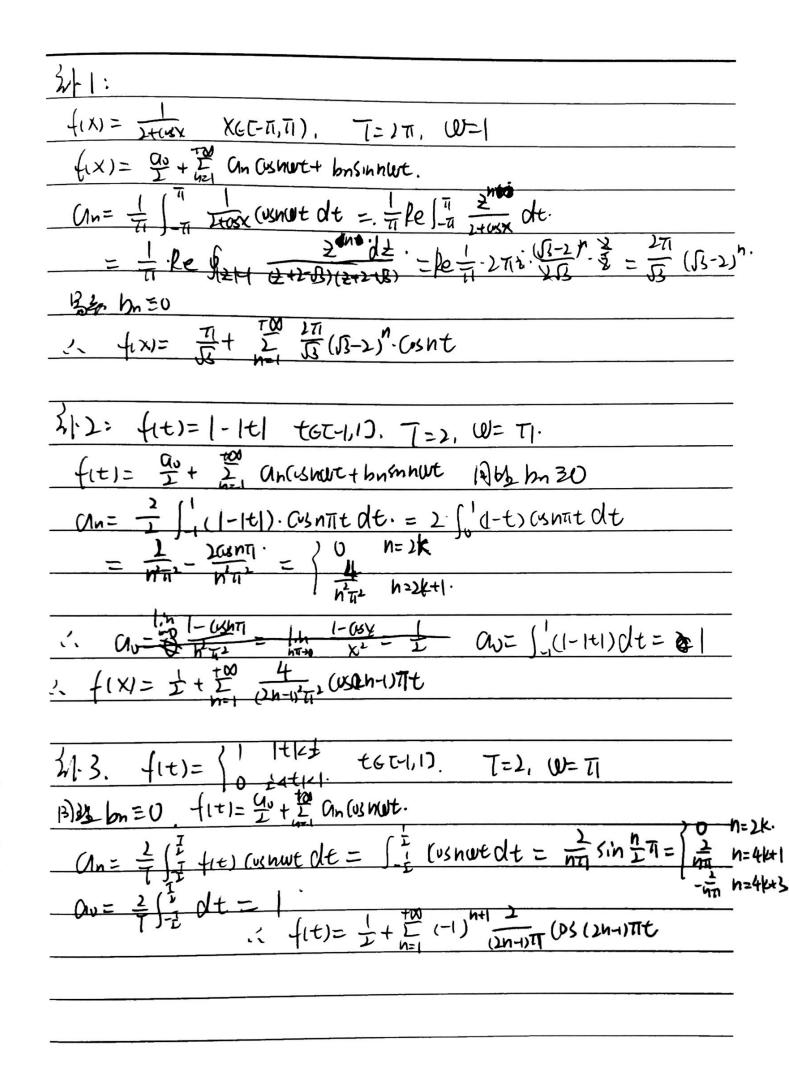


P23.3 (L) F(w)= 100 fit) eine dt 100 e (e - e - icont) f(t)= = Fluster erwed dw



Party 4.
$J(x) = X(1-X). X \in (0,1).$
正弦, 多红, g(x)=
1 X4X X6(410).
f(x) = I bu sin nove, buil
bn=== 1 (x+x) sinnax dx + (x-x) sinnaxdx
$= sin(\pi n) = 4 \qquad 4 (us(n\pi)) = 3 \qquad N=2k$
$= \frac{1}{2} $
1. fits = 100 (2h-1) 3 Sih((2h-1) 3 Tit), tG(U,1).
7. $f(t) = \int_{h=1}^{+\infty} \frac{1}{(2h-1)^{2}\pi^{3}} Sih((2h-1)^{2}\pi^{2}t), tG(u,1).$ 332 18216. $g(x) = \int_{-X-X^{2}}^{X-X^{2}} \frac{\chi_{G}(u,1)}{\chi_{G}(u,1)} T^{2}z, tG(u,1).$
_ < bn = 0
fix)= = + = un usunt
$C_n = \frac{1}{2} \left\{ \frac{1}{1} + 1 + 1 + C + C + C + C + C + C + C + C$
1 0 n=2k+1
~ +x= C10= [x x dx=]
$\frac{1}{1+1} = \frac{1}{1+1} + \frac{1}{1+1} = \frac{1}$

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