	Method #2	Direct computation
	1, 10	
Text	$\pm 1$	X(t)= \( \frac{1}{0} \) if \( \frac{1}{1} < \frac{1}{5} \)  periodic with period \( \frac{1}{5} \)
	<b>'</b>	0 7 T < It   < =
		periodic with period T
	<u></u>	
	Q1: Plot x(t)	FS representation.
	Q2: 1-120 Ft8	-3 representation
	A1:	
	J	
	<u>/\_`</u>	

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	$\rho$ ,074	7
Note Titl	2/12/2010	<u>j</u>
	Q: why ao heeds to	ı
	(Q: why ao needs to be considered separately	; }
	Synthesis	
	$\chi(t)=$	
	, 	
	Example $T=5$ , $T_1=\frac{3}{2}$ , $T_2=\frac{3}{2}$	2
	2 2 2	<u>-</u>
	Anso Q: Find its FS	
•	representantion.	

a-2 ej(-2). 21(+  $= a_0 + a_1 \left( 2\cos\left(\frac{2\pi}{5}t\right) \right) + a_2 \left( 2\cos\left(\frac{2\pi}{5}t\right) \right)$ The summation of many cosine signals See the additional hundout HW6Q56 Bob 3,22(a) - fig(d) Q: X(1) is continuous-time or discrete-time Find its FS representation.

	P.08/