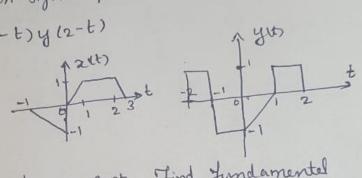
BECH301L-Signal Processing Assignment -I

1 For the given signals plot (i) x(2t) y(0.5t+1) (ii) x(4-t)y(2-t)



2. Check periodic or not. Find fundamental foriod if signal is periodic.

(i) x(m) = e 1 (21/3)n j(31/4)n

(ii) 2 (t) = 2 cos 3 Tin + 7 cos 9 n

3. Check whether the Jethowing Systems are static Dynamic, Linear NL, TV/TI, consal/NC

4. Determine Z-transform!

$$(D) = n^2 u(n)$$

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