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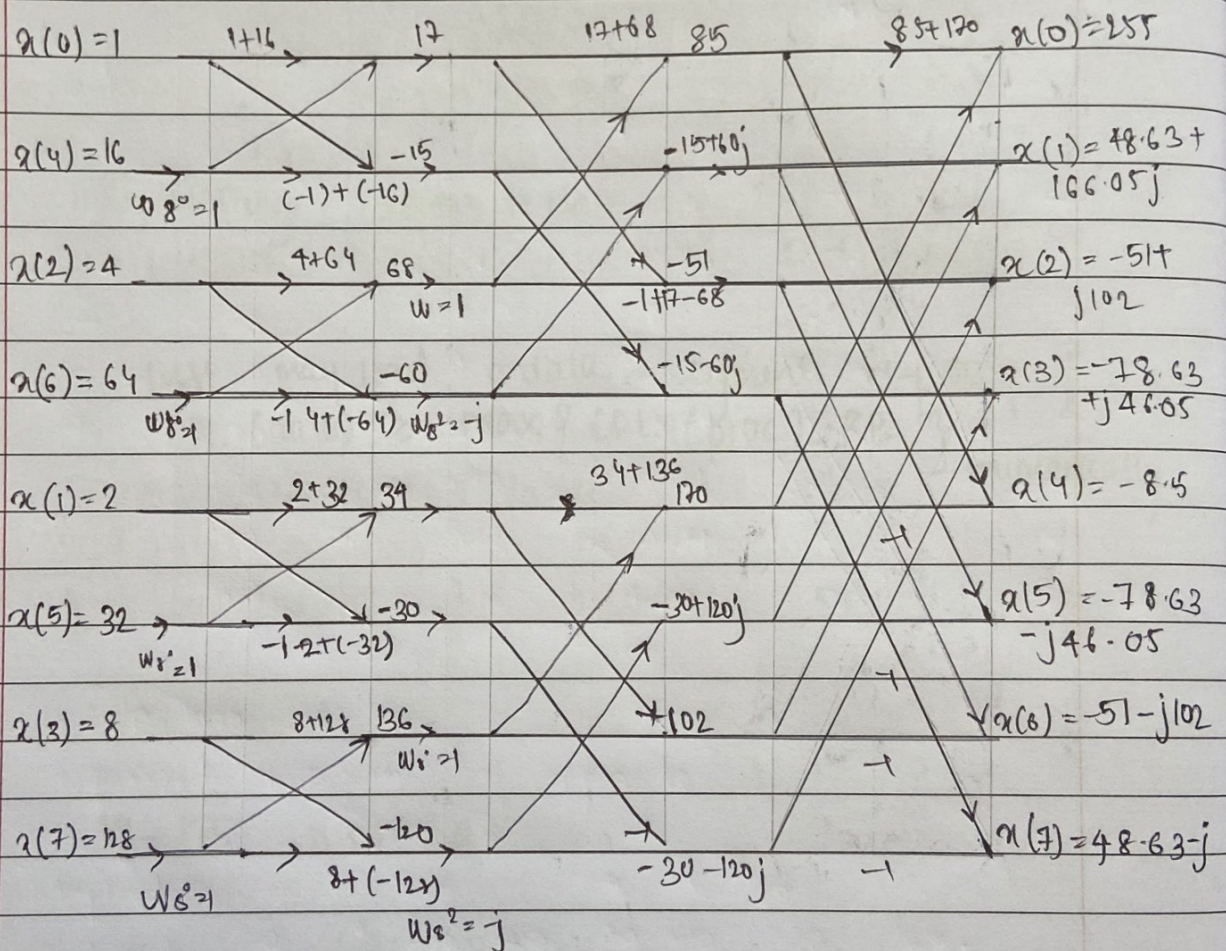
19/182027

BE CMPNA

DSIP - IAT-2

Q2] B] Given  $x(n) = \{1, 2, 4, 8, 16, 32, 64, 128\}$   
Find DFT using DIT-FFT

$\therefore N = 8$



$\therefore X(k) = \{255, 48.63 + j166.05, -51 + j102, -78.63 + j46.05, -85, -78.63 - j46.05, -51 - j102, 48.63 - j166.05\}$