

Digital Systems and Designs

Tutorial 3

Question 01

By considering Decimation-In -Time (DIT), draw the butterfly line diagram for 8 – point FFT calculation and briefly explain.

Question 02

An 8 point sequence is given by $x(n) = \{2,2,2,2,1,1,1,1\}$. Compute the 8-point DFT of $x(n)$ by DIT FFT algorithm.