

ASSIGNMENT3 (Properties of Discrete Fourier Transform)

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1. For a given 4-point DFT sequence $x(n) = \{1 \ 3 \ 5 \ 4\}$ find $x((n-1))_N$ and $x((-n))_N$.
2. For a given sequences $x_1(n) = \{2 \ 3 \ 4\}$, $x_2(n) = \{1 \ 2 \ 3 \ 4\}$ find 4-point circular convolution both in time domain approach and frequency domain approach.