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SL	Experiment Name	Page No
01	Explain and implement Discrete Fourier Transform (DFT) and	
	Inverse Discrete Fourier Transform (IDFT)	
02	Let $x(n) = \{1, 2, 3, 4, 5, 6, 7, 6, 5, 4, 3, 2, 1\}.$	
	Determine and plot the following Sequence: y(n) = 2x(n-5) - 3x(n+4).	
03	Write MATLAB code to perform the following operations on a	
	Sinusoidal wave: i)Sampling, ii) Quantization, and iii) Coding.	
04	Determine and plot the following sequences over the indicated interval using MATLAB:	
	$x(n) = 2\delta(n+2) - \delta(n-4); -5 \le n \le 5.$	
05	Plot the following signal operations on signals:	
	$x = \{1, 0, 3, 4\}; y = \{1, 1, 1, 1\}; z = \{3, -1, 0, -4\};$	
0.6	i) Signal Addition (x + y) and ii) Folding of signal z.	
06	Plot following signal operations: $x = \{1, 2, 3, 4\}; y = \{1, 1, 1, 1\}; z = \{-2, 3, 0, 1, 5\};$	
	$\lambda = \{1, 2, 3, 4\}, \ y = \{1, 1, 1, 1\}, \ z = \{-2, 3, 0, 1, 3\}, $	
	i) Signal Multiplication (x*y) and ii) Signal Shifting (z).	
07	Using MATLAB to plot the Fourier Transform of a time	
	function, the aperiodic pulse shown below:	
	, X(t)	
	1	
	V V	
08	Explain and generate sinusoidal wave with different frequency	
	using MATLAB	
09	Explain and implementation of following Elementary Discrete	
	signal using MATLAB. i) The unit sample sequence ii) Unit step	
	signal iii) Unit ramp signal	