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Experiment No.	Name of the experiment	Page no.
01	Explain and implement Discrete Fourier transform (DFT) and Inverse Discrete Fourier Transform	
02	Let $x(n) = \{1,2,3,4,5,6,5,4,3,2,1\}$ Determine and plot the following sequences, $xl(n)=2x(n-5)-3x(n+4)$	
03	Write a program to perform following operation:  i. Sampling,  ii. Quantization,  iii. Coding	
04	Determine and plot the following sequences: $x(n)=2\delta(n+2)-\delta(n-4), -5 \le n \le 5$	
05	Plot following signal operation:  i. Addition  ii. Folding	
06	Plot following signal operations:  i. Signal multiplication  ii. Signal shifting	
07	Plot the Fourier Transform of a time function the aperiodic pulse shown below:    X(t	
08	To find the Amplitude Specturm of two frequency signal : $x(t) = \cos(2\pi 100t) + \cos(2\pi 500t)$ and also find approximate fourier transform integral for $0 \le f \le 800$ Hz	
09	Explain and generate sinusoidal wave with different frequency.	
10	Explain and implementation of following elementary Discrete signals the unit sample sequence:  i. the unit step signal  ii. the unit ramp signal	