



COLLEGE OF ENGINEERING & TECHNOLOGY

Department: Electronics and Communications Engineering

Course: EC323 Intro. to Communication Systems

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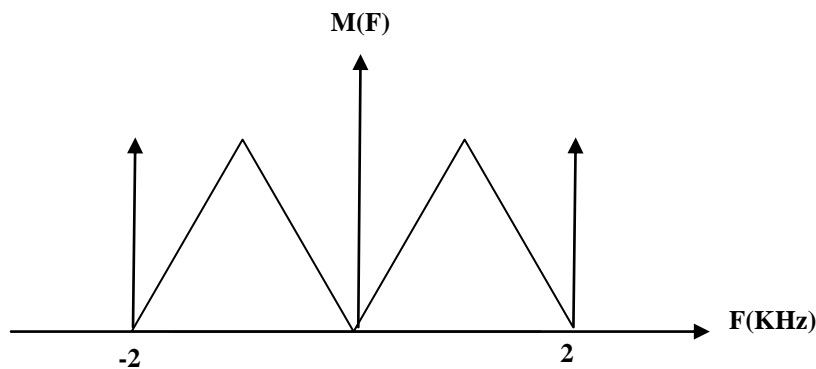
Sheet 6

1. The signal $m(t)=C$, is instantaneously impulsive sampled at the sampling frequency f_s

Plot both the sampled signal & its related spectrum.

2. The signal $m(t)$ which has the shown spectrum is instantaneously impulse sampled at $f_s = 1,4,5$ KHz

Draw the spectrum at the sampled signal.



3. For the signal $m(f)$, show in equations & draw the spectrum of the instantaneous impulsive sampled signal $m_s(t)$ & $M_s(f)$.