

Communication Systems

Lab # 05

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Venue: Telecomm Engineering Lab ; CPED, UET Taxila

Task# 01:

Calculate and plot real and imaginary parts of an exponential sequence

Where the exponential sequence is given by:

$$A * \exp(jw + \alpha)$$

Task # 02:

Generate and plot a saw tooth waveform.

Task # 03:

Generate and plot a triangular pulse.

Task # 04:

Write a matlab code to explain the quantization process.

Task # 05:

Write a matlab code for the generation of fourier series.