

## Meeting 8:

It is a Meeting with highly theoretical work.

- It will complete low and high pass-Ideal, Butterworth, and Gaussian;
- Lectures 16.

## Laplacian in the Frequency Domain

This lecture will develop:

- the presentation of the Laplacian in the frequency domain;
- The presentation of the image enhancement filter in the frequency domain;
- The presentation of the image high boost filter in the frequency domain.

The lecture will prove some additional properties of the Fourier transform:

- Symmetry about the origin of the frequency image;
- Translation in the frequency image.