

The image features a light beige background with two thick black L-shaped bars. One bar is positioned on the left side, starting from the top and extending downwards. The other bar is on the right side, starting from the top and extending downwards. The text is centered between these two bars.

READ THE SPECTROMETER DATA  
DETERMINE THE  
MEAN VALUES, STANDARD DEVIATION, DC  
CORRECTION

# Objectives

- 1) Read spectrometer data (excel data) → 100 scans when radiated at 4 different luminance levels
- 2) Calculate the mean value for the 100 scans for each luminance level
- 3) Calculate the standard deviation corresponding to the 100 scans for each luminance level
- 4) Read spectrometer dark noise data → 100 scans
- 5) Calculate the mean value for the 100 scans of dark signal
- 6) Calculate the standard deviation corresponding to the 100 scans of dark signal

# Plot data



