1. Homework Question.

Find the variance after integration over .

1. Multiple parts are indicated as such.

Make sure that equations are aligned.

Let:

Answer are Right Justified.

1. Texted base answers use a Textbox.

Use a Textbox as for text-based answers like this. Otherwise use Equation instead.

Add a line to separate questions when on the same page.

1. Homework Question.
2. Part a.
3. Additional Info can be the question numbers from the book or left blank. XX-XX-XXXX indicates Month-Day-Year format of the DUE DATE of the homework. Course No. indicates what course it is for i.e., EECS 360, EECS 861, EECS 744, etc.
4. Alternatively, you can use separate pages.
5. Graphs must be at least 3 inches by 3 inches.

A diagram of a power spectrum

Description automatically generated

Figure 1. Graph of Power Spectral Density between rectangular and sinc2.

Graphs can be center justified.

Use MATLAB, Numpy, or Desmos to generate the graphs, do not attempt to graph by hand. It is possible to handwrite the template, but printing it out is best practice as it allows a physical and digital copy.