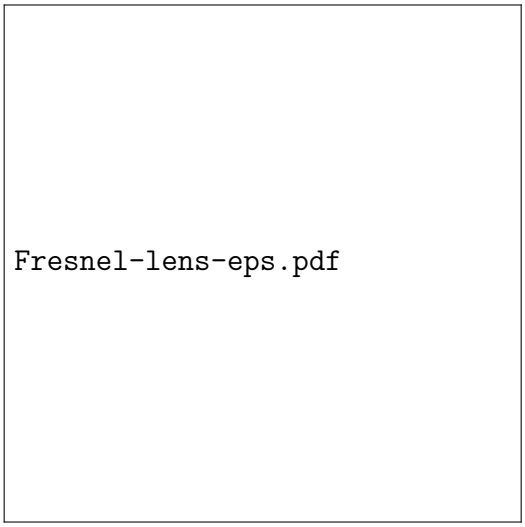

Figure 1: Schematic figure of a Fresnel lens

As a first exercise, type your own name here, with all the special symbols used in your language: Mikus Dániel

Let's start with an equation:

$$\bar{\psi_n}(P) = \frac{1}{2i}\sqrt{\frac{a}{\pi\hbar}}e^{i(\frac{n\pi}{2}-\frac{pa}{2\hbar})}\left[F\left(p-\frac{n\pi\hbar}{a}\right)+(-1)^{n+1}F\left(p+\frac{n\pi\hbar}{a}\right)\right] \quad (1)$$

This document focuses on figures. Actual drawing of figures (pictures) in LaTeX is a bit complicated to be a task on this exam but we always need to insert external figures into our documents.

In Fig. 1 the schematic figure of a Fresnel lens is shown. The figure itself is stored in the file `Fresnel-lens.eps`. It is adjusted symmetrically to the center of the page, its width is set to half the width of the page, and the colour of the caption is changed to red.

If there are any figures in the document it is possible to create a collection of the figure captions:

List of Figures