Sample of tex file with figures

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1 Very simple example of a figure use

Let's consider a diffraction of light on a mask. We will use a mask depicted in the figure 1. The parameters of this mask are: resolution 1386×600 pixels, physical size 2.8×1.2 cm.

Figure 1: Mask with WM letters.

The resulting light (with wavelength $\lambda = 670$ nm) diffraction image at distance 1.1 m is shown in the figure 2. The formed image has the following parameters 693×300 pixels, with physical size 3×1.4 cm.
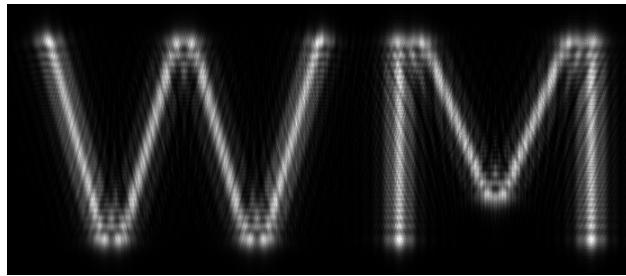

Figure 2: Resulting diffracted image of original mask.