1. Start with **E0 = ones, z= 1000, side = 30**: Show diffraction pattern. Note that z = > 30\*side is far field.
2. Change z from **z=1 to z =10000**. Show near and far field. Note border effect
3. Change side down to **side=1**. Show free space propagator, which is calculated as D.
4. Switch to **kind=’phase’**. Show phase of the (spherical) free space propagator. Switch to **kernelFresnel** and show the differences at the borders.
5. Go back to **kind=’abs’. E0 = exp (…) , z=1000, side=30.** Change kx from 0 to 0.1. Show that the plane wave is oblique.
6. **E0 = cos (…), z=1000, side=30, kx=0.1**. Show that the cosine mask is made of two interfering oblique plane waves.