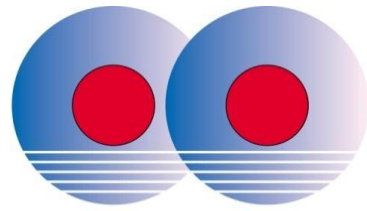


Comcore PFS-500 Universal PM Fiber Splicer



COMCORE

Instructions for Splicing PM Fibers

Typical Orientation Methods

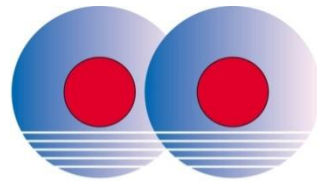
July 18, 2018

1. Slow to Slow Axes (Fast to Fast Axes)

PM Fibers Orientation **A**

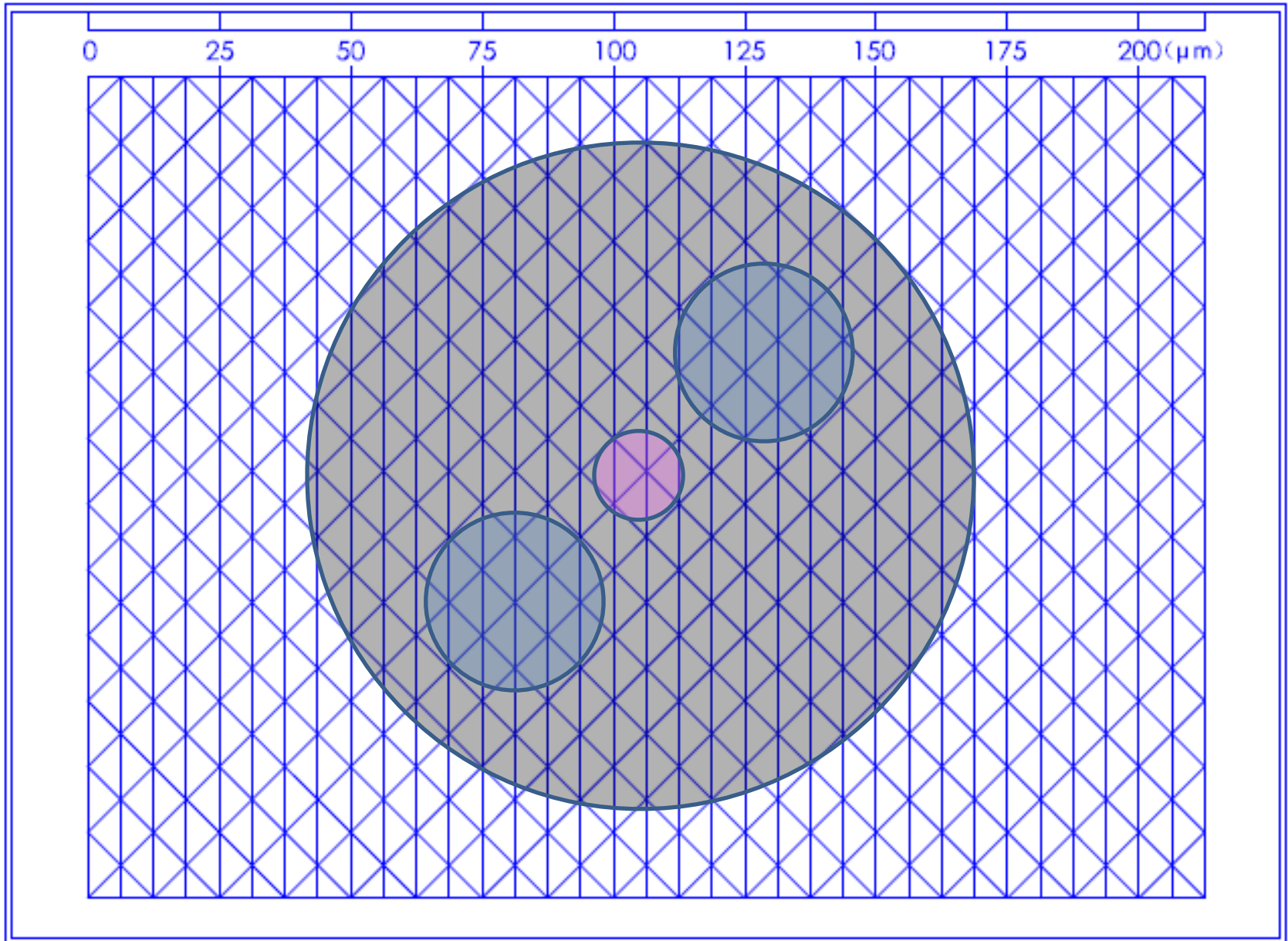
Right-side fiber is aligned at +45 degree

Left-side fiber is aligned at -45 degree



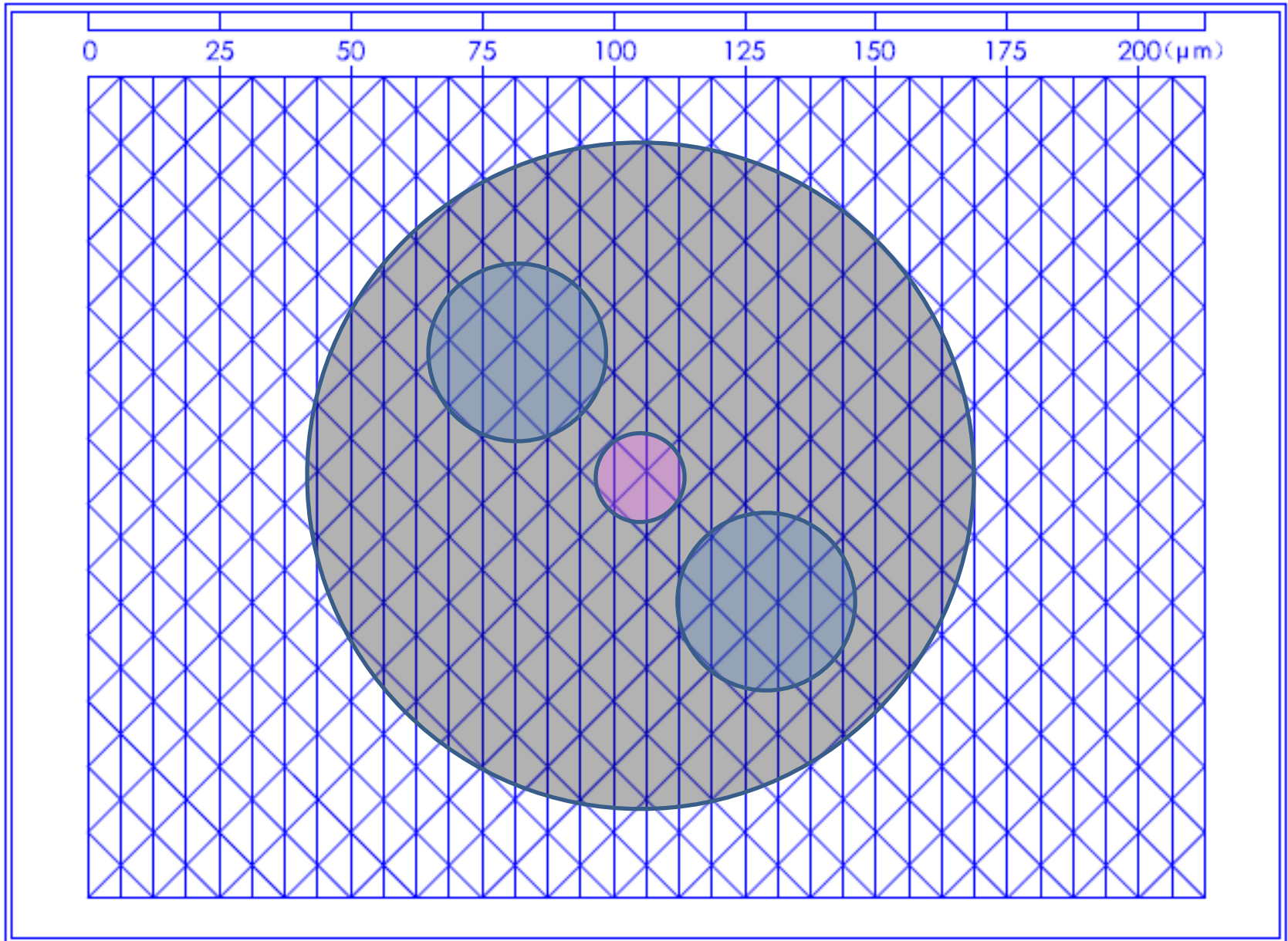
COMCORE

Right-side fiber at + 45 degree



+45 degree

Left-side fiber at - 45 degree



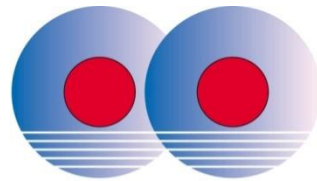
-45 degree

1. Slow to Slow Axes (Fast to Fast Axes)

PM Fibers Orientation **B**

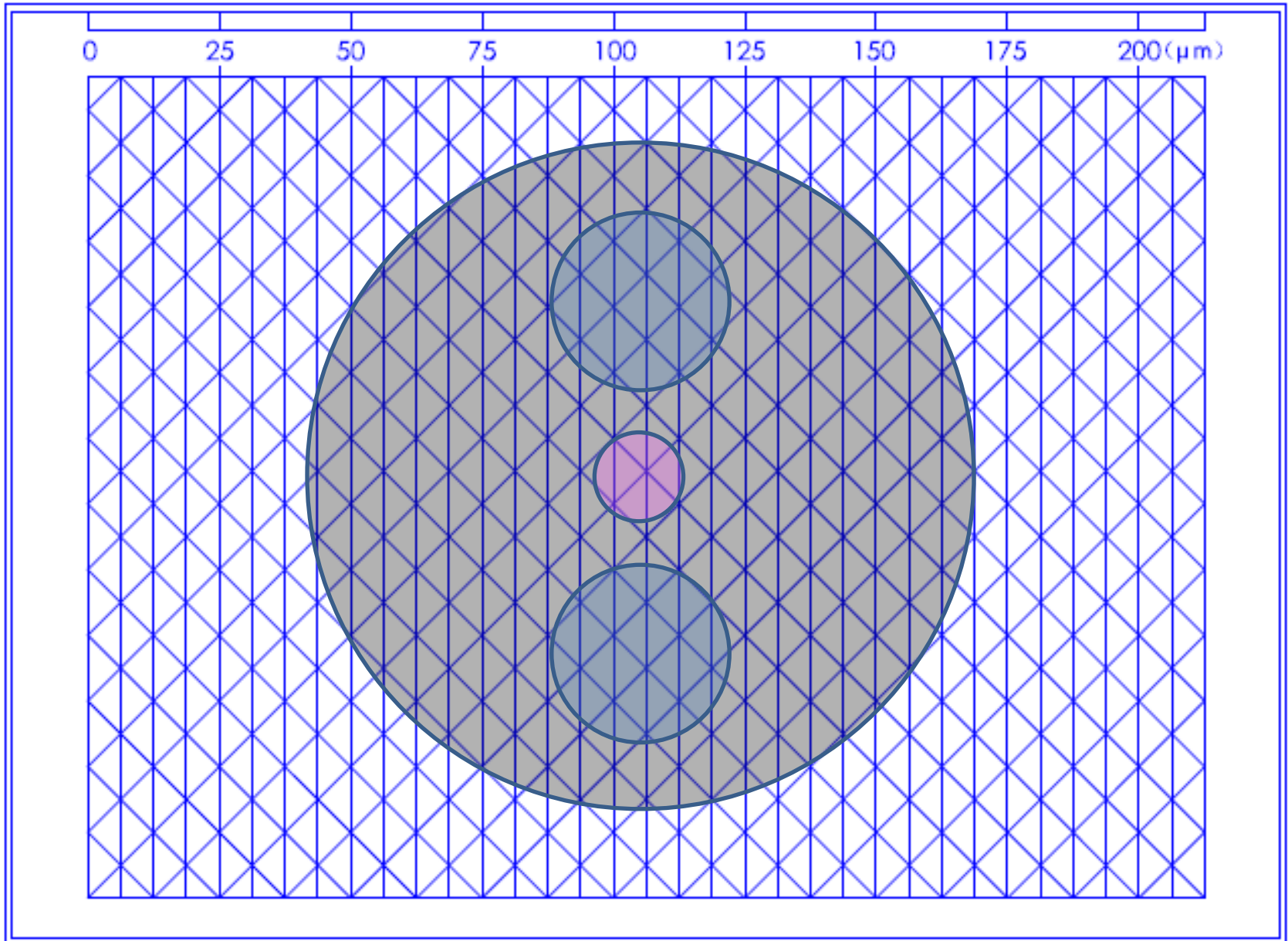
Right-side fiber is aligned at 0 degree

Left-side fiber is aligned at 0 degree too



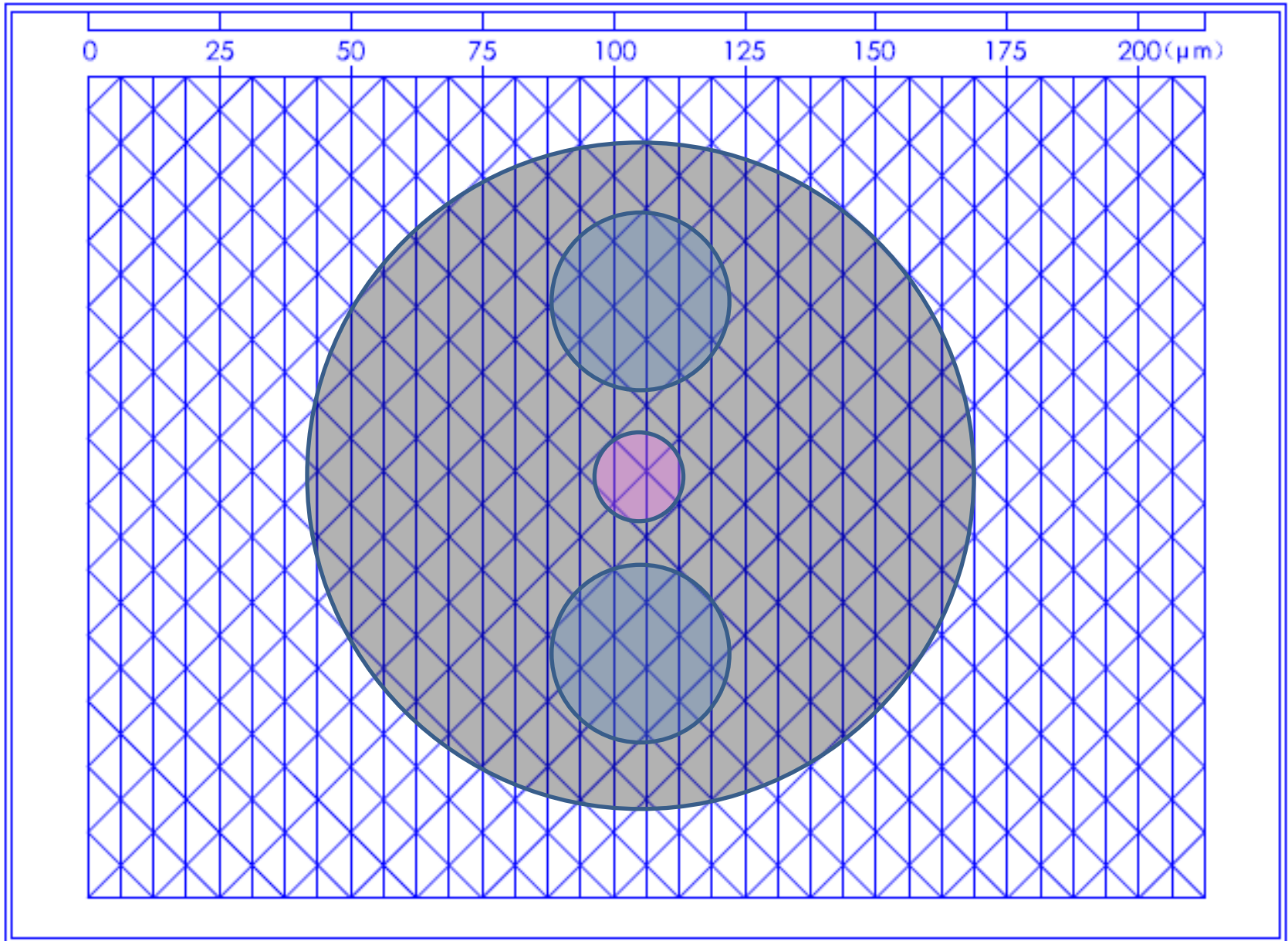
COMCORE

Left-side fiber at 0 degree



0 degree

Left-side fiber at 0 degree



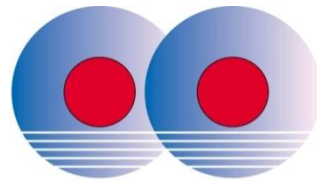
0 degree

2. Slow to Fast Axes (Fast to Slow Axes)

PM Fibers Orientation

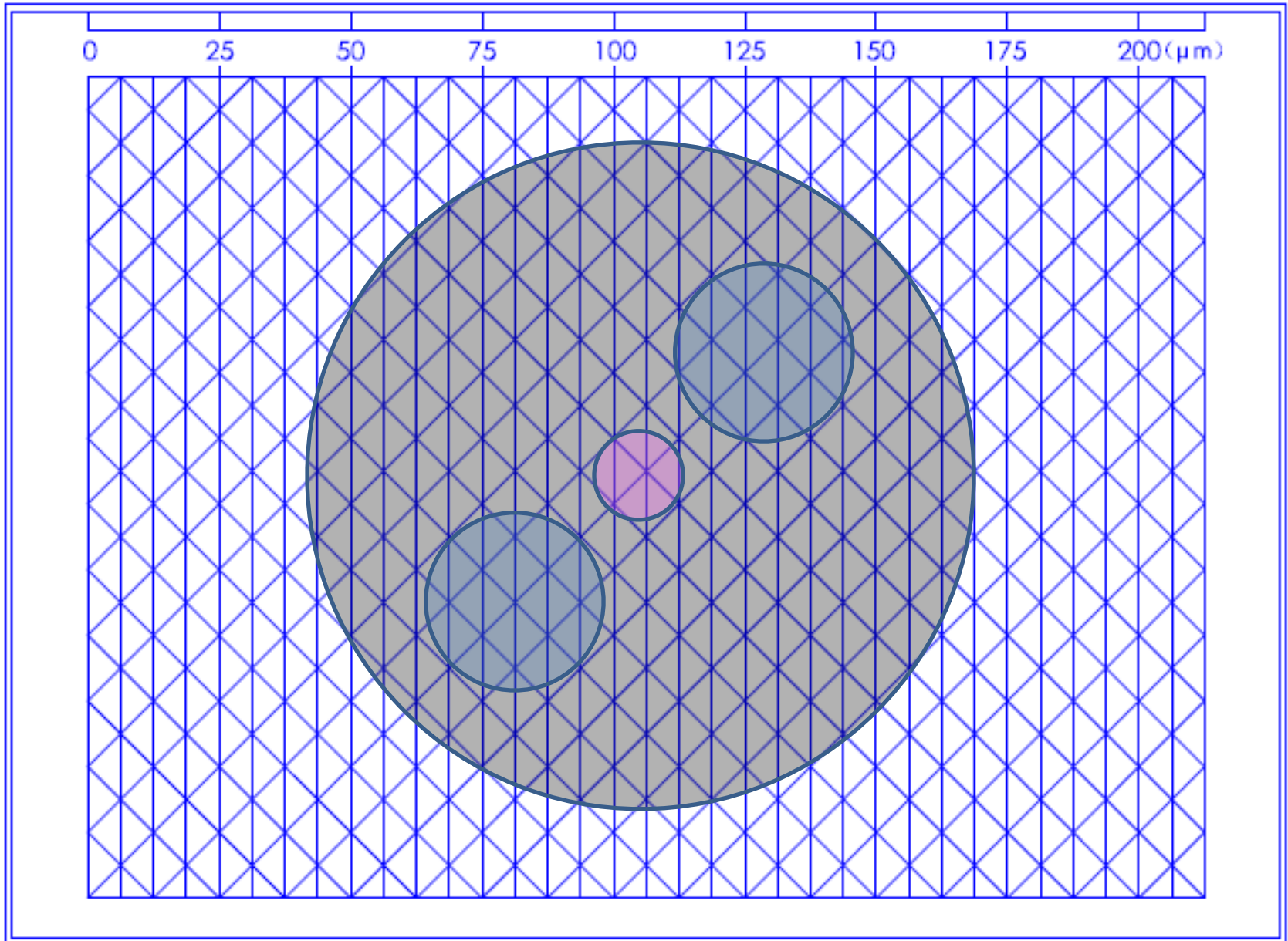
Right-side fiber is aligned at +45 degree

Left-side fiber is aligned at +45 degree too



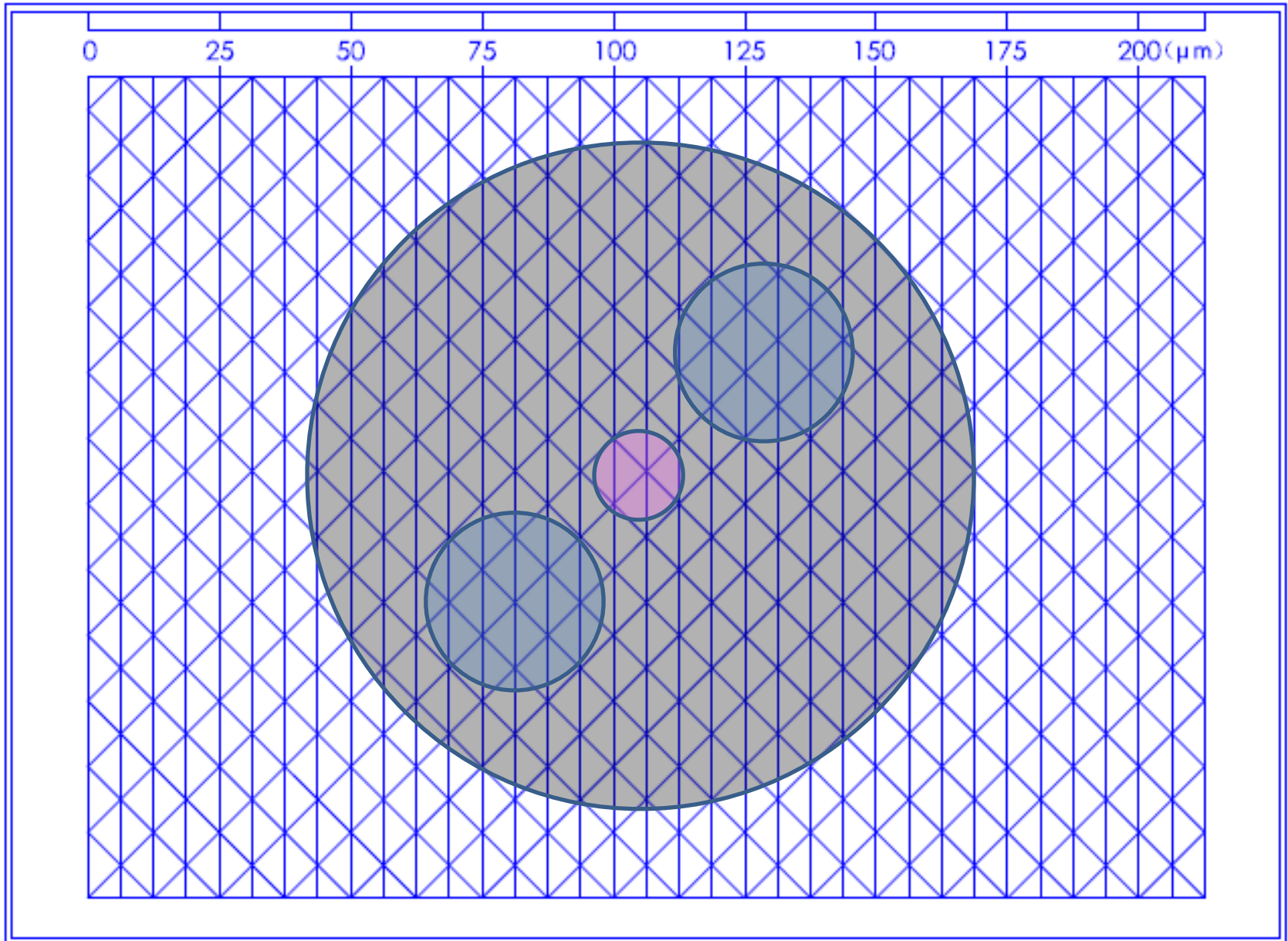
COMCORE

Right-side fiber at +45 degree



+45 degree

Right-side fiber at +45 degree too



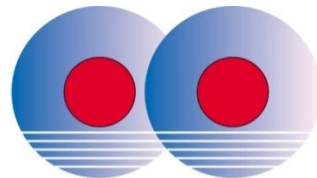
+45 degree

3. Slow to Fast Axes with 45 degree

PM Fibers Orientation

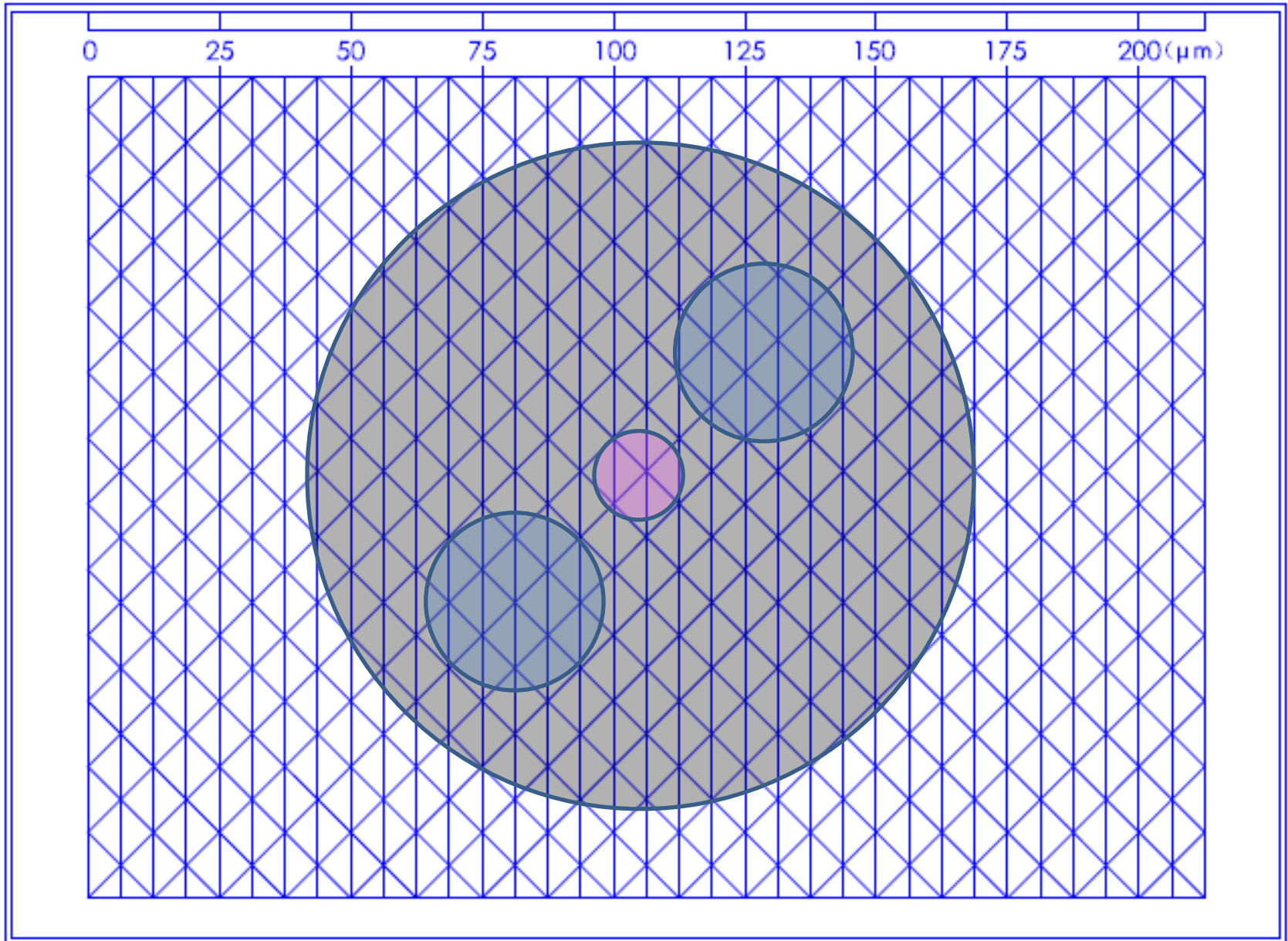
Right-side fiber is aligned at +45 degree

Left-side fiber is aligned at 0 degree



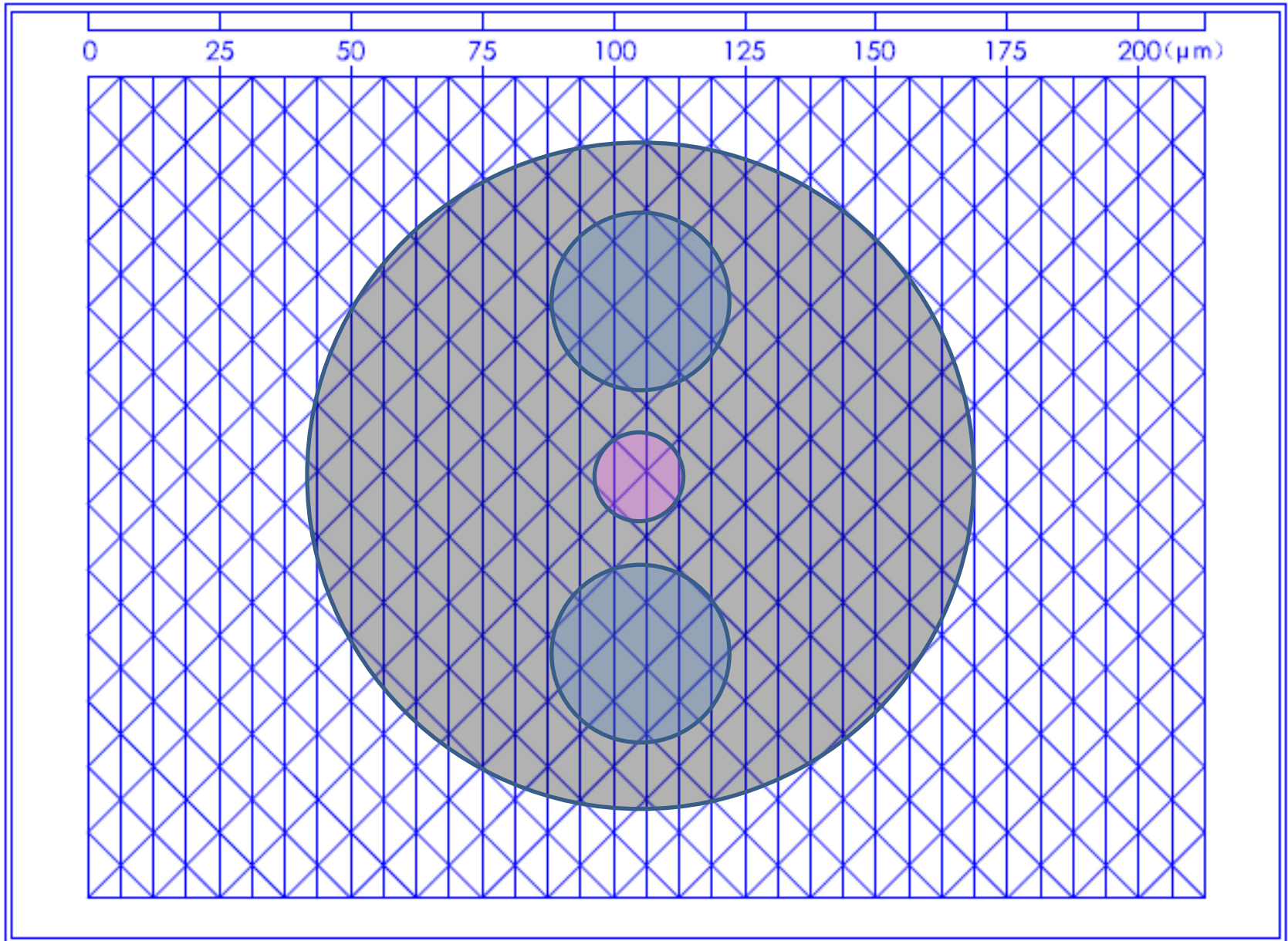
COMCORE

Right-side fiber at +45 degree



+45 degree

Left-side fiber at 0 degree



0 degree