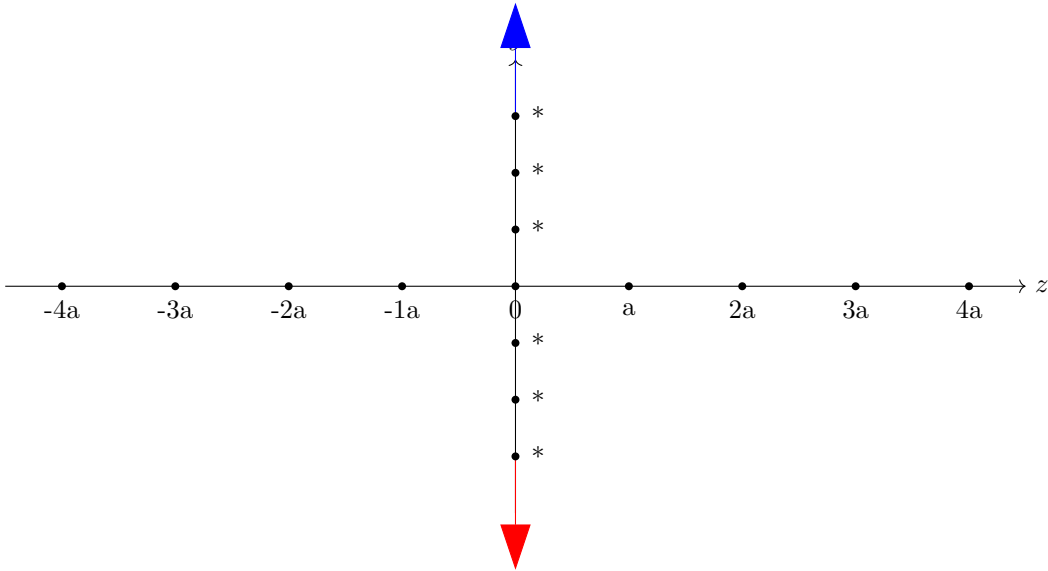

Figure 1: For our Casimir system to have a value of $D^{(1)} = 0$ on both plates we need an infinite set of image sources placed at a distance of $z = \pm 2an$ for integer n for each plate. Placing the images at a spacing of a locates a source on each plate, and causes double placement of sources at each point along the z axis. This doubling of the boundary terms translates into an extra factor of 2 on the numerator of the boundary term for the Hadamard function.