



Figure 1: Graphical representation of the Casimir system with image sources placed at $z = \pm 2an$ for integer n . The red arrow represents one plate and the blue arrow represents the other plate. The images are spaced by a units along the z axis, causing the boundaries to be doubled, which translates into an extra factor of 2 on the numerator of the boundary term for the Hadamard function. For the Casimir system to have a value of $D^{(1)} = 0$, this setup must be maintained.