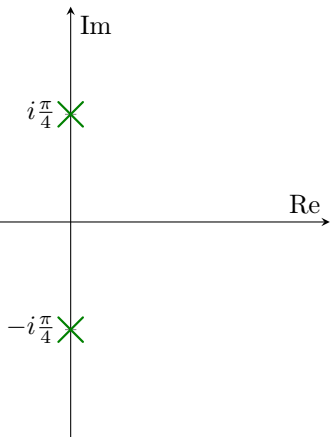


s-plane



Which of the below figures shows the correct mapping of the continuous-time poles using the **Tustin's approximation**  $z = \frac{1 + \frac{sh}{2}}{1 - \frac{sh}{2}}$  with  $h = 1$ ? (Hint: Warping of the frequency axis)

