Porch 
$$z = e^{i\frac{\pi}{2}}$$
  $\Rightarrow e^{i\frac{\pi}{2}} = A(e^{i\frac{\pi}{2}} - e^{i\frac{\pi}{2}})$ 

$$A = \frac{e^{i\frac{\pi}{2}}}{e^{i\frac{\pi}{2}} - e^{i\frac{\pi}{2}}} = \frac{e^{i\frac{\pi}{2}}}{e^{i\frac{\pi}{2}} - e^{i\frac{2$$