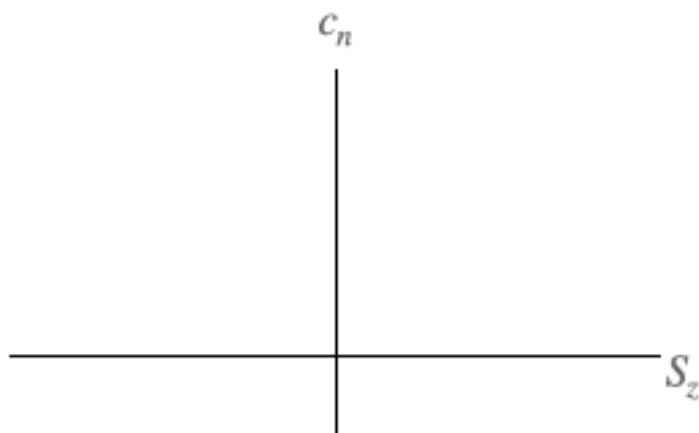


Represent the state:

$$|\psi\rangle = \frac{1}{3} |+\rangle + \frac{\sqrt{8}}{3} e^{i\pi/4} |-\rangle$$

1. in matrix notation (using the S_z basis)
2. with a graph of the coefficients (probability amplitudes)



3. with the arms representation

4. with a probability histogram

