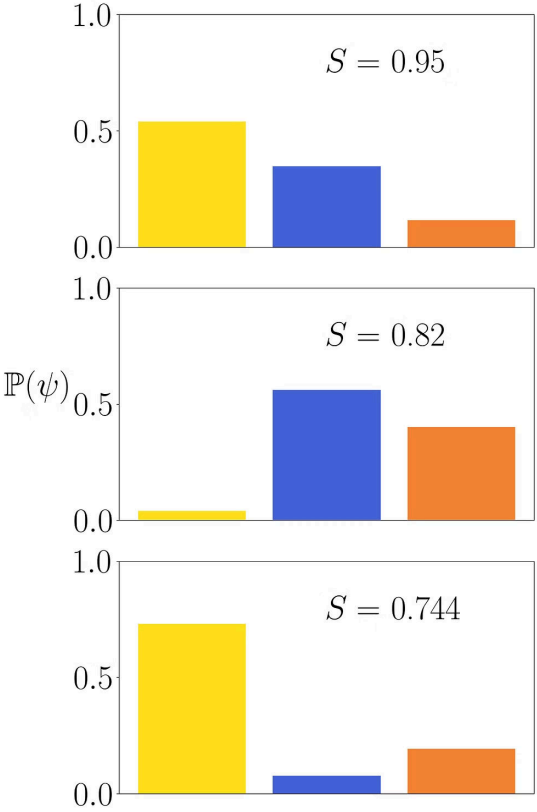
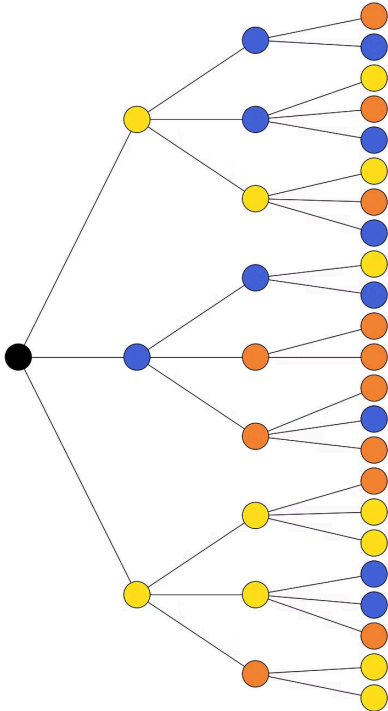


Empowerment Entropy and Collective Motion



$$\mathbb{P}(\psi) = \frac{\mathcal{N}(\psi)}{\sum_{\Psi \in \mathbf{B}} \mathcal{N}(\Psi)}$$

$$S = - \sum_{\psi} \mathbb{P}(\psi) \ln(\mathbb{P}(\psi))$$

