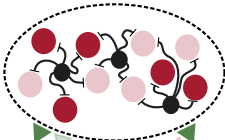
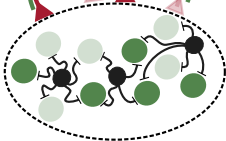


$$z_1 \in \{\text{light pink circle}, \text{dark red circle}\}$$



$$\log \phi(z_1, z_2)$$



$$z_2 \in \{\text{light green circle}, \text{dark green circle}\}$$