

# The Kitaev Model Visually

## Bond Operators

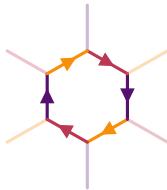
$$k_{ij} = \sigma_i^\alpha \sigma_j^\alpha$$

$\alpha \in x, y, z$



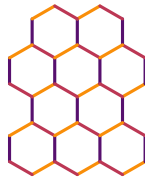
## Plaquette Operators

$$W_p = K_{12} K_{23} \dots K_{n1}$$
$$= \sigma_1^x \sigma_2^y \dots \sigma_n^z$$



## The Hamiltonian

$$H = \sum_{\text{bonds}} J^\alpha K_{ij}$$



## Bond Types

