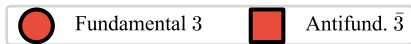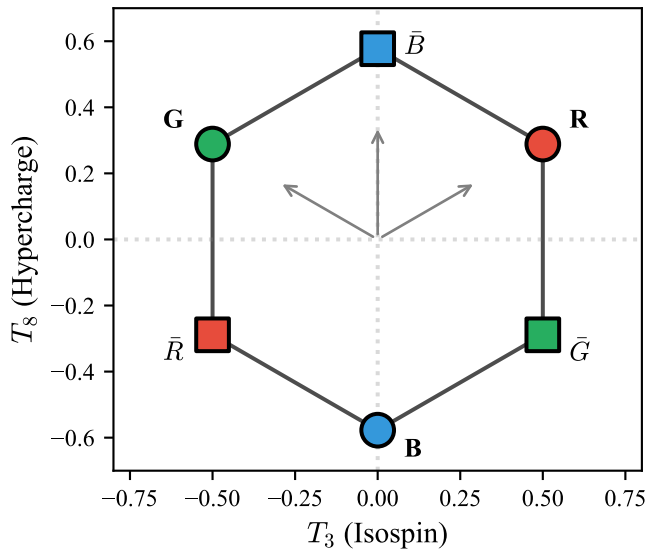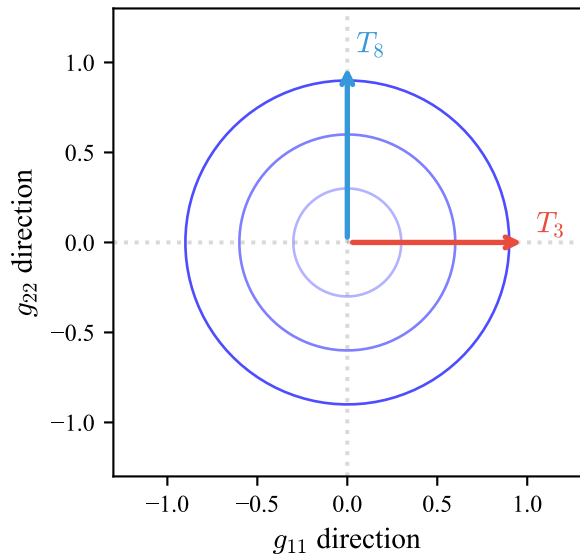(a) SU(3) Weight Diagram

(b) Euclidean Metric from Killing Form

$$g_{ij} = \frac{1}{12} B(T_i, T_j) = \frac{1}{2}\delta_{ij}$$