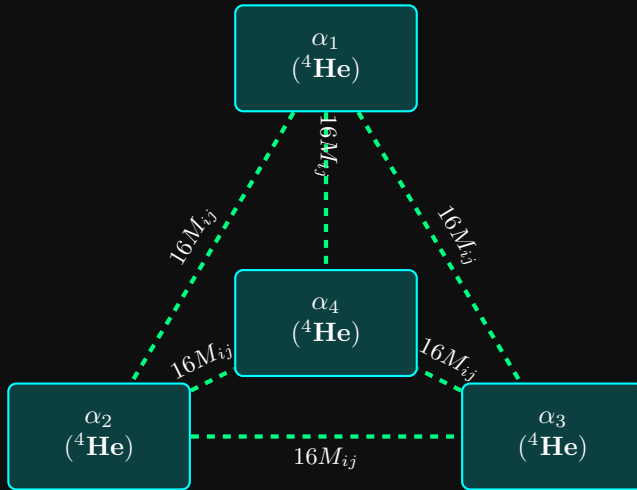


# Oxygen-16 ( $4\alpha$ Subcircuit Architecture)



## IC-Equivalent Topology Level

Each  $\alpha$  macro-block encapsulates a synchronized 4-nucleon LC mesh.

Bus lines represent 16 cross-coupled inductive pairs between blocks.

*Total Oxygen-16 Network: 120 discrete connections*