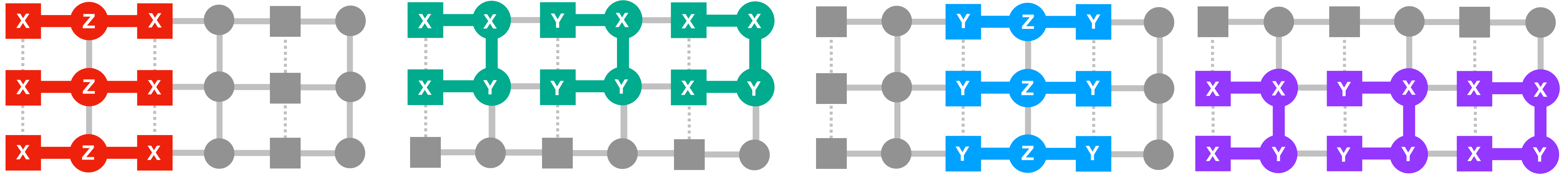
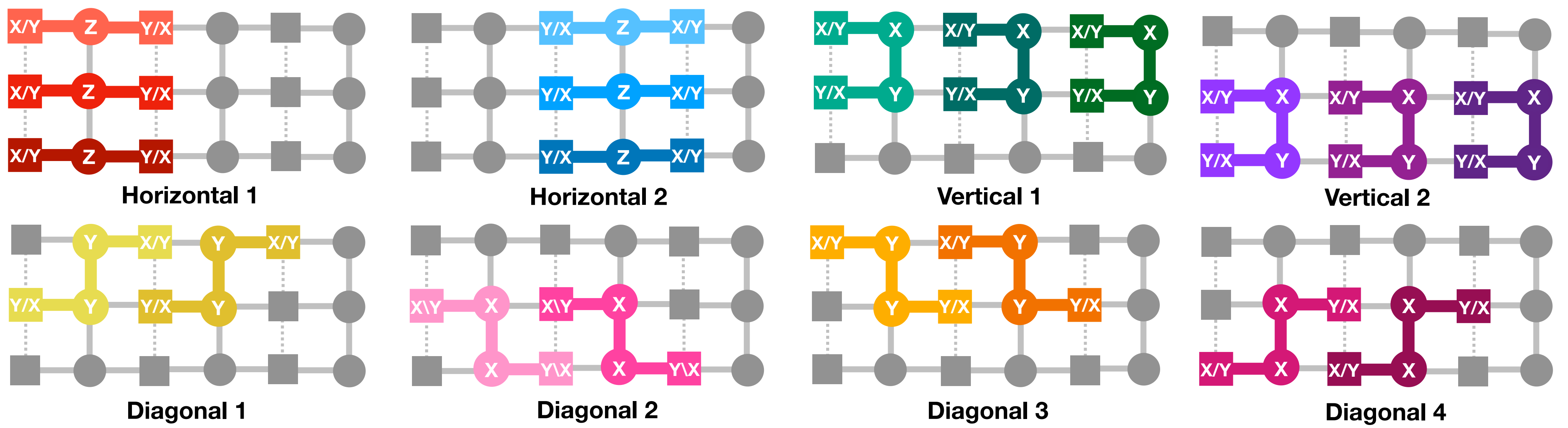


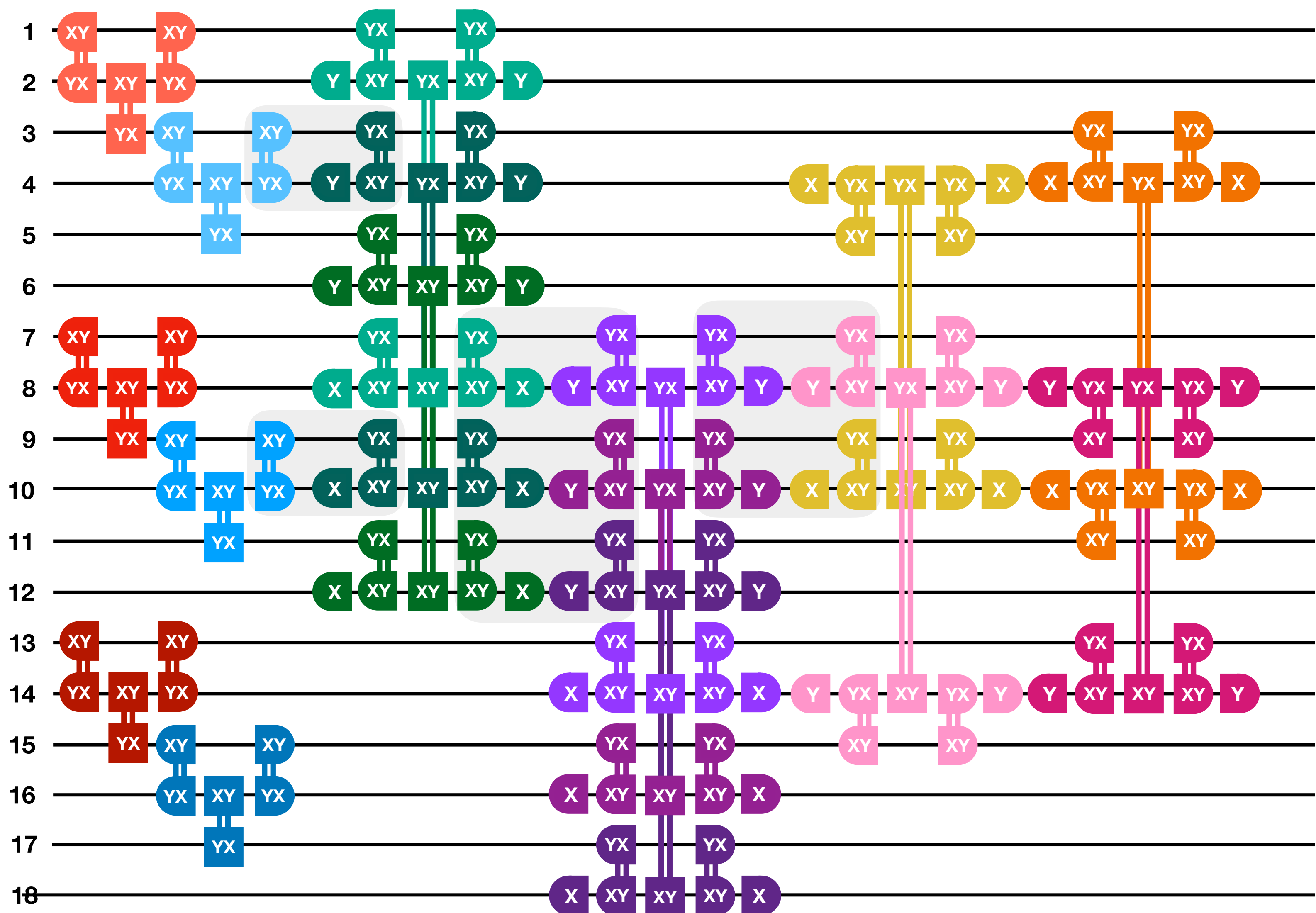
PA Edge operators



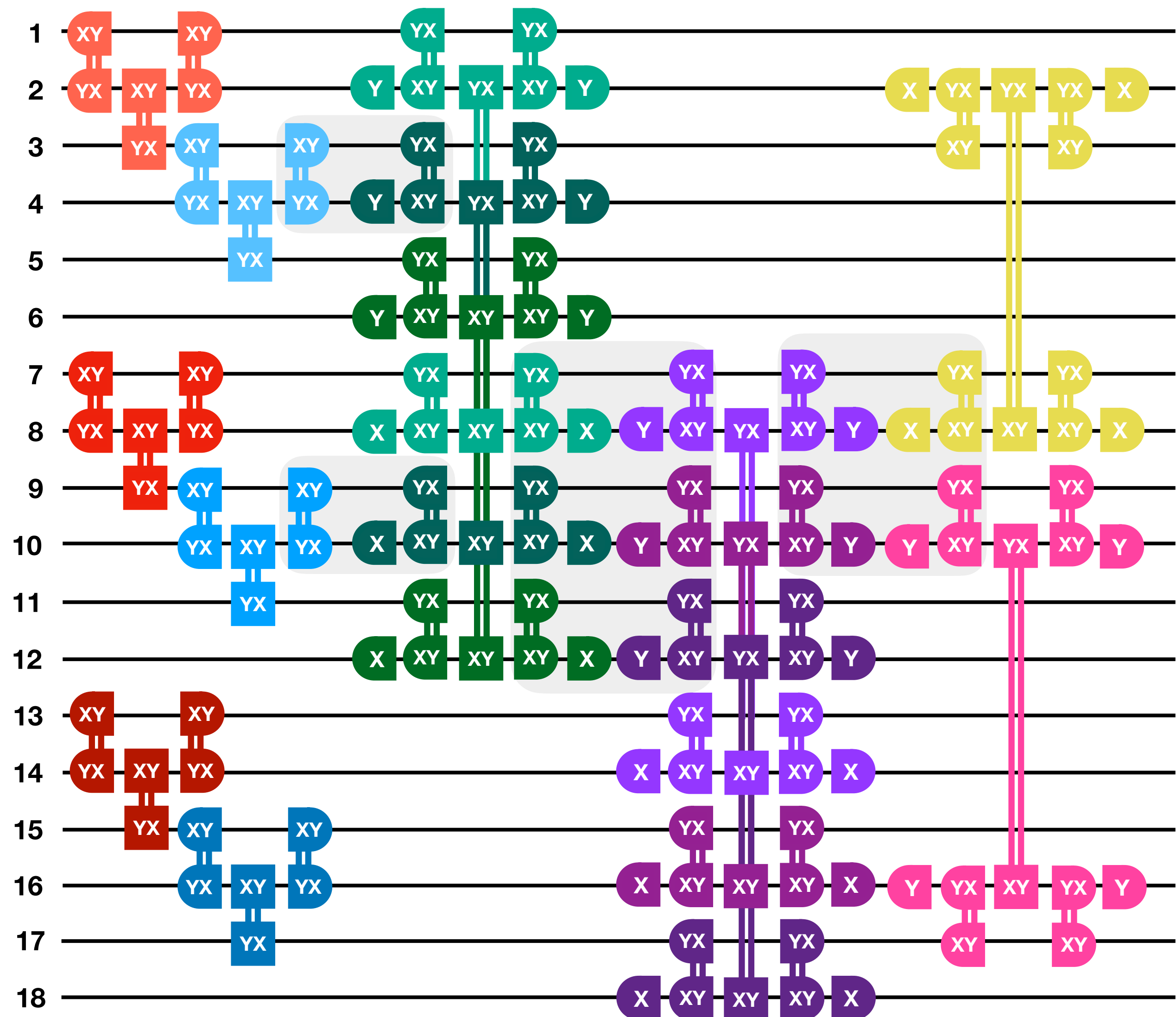
PA Hopping operators



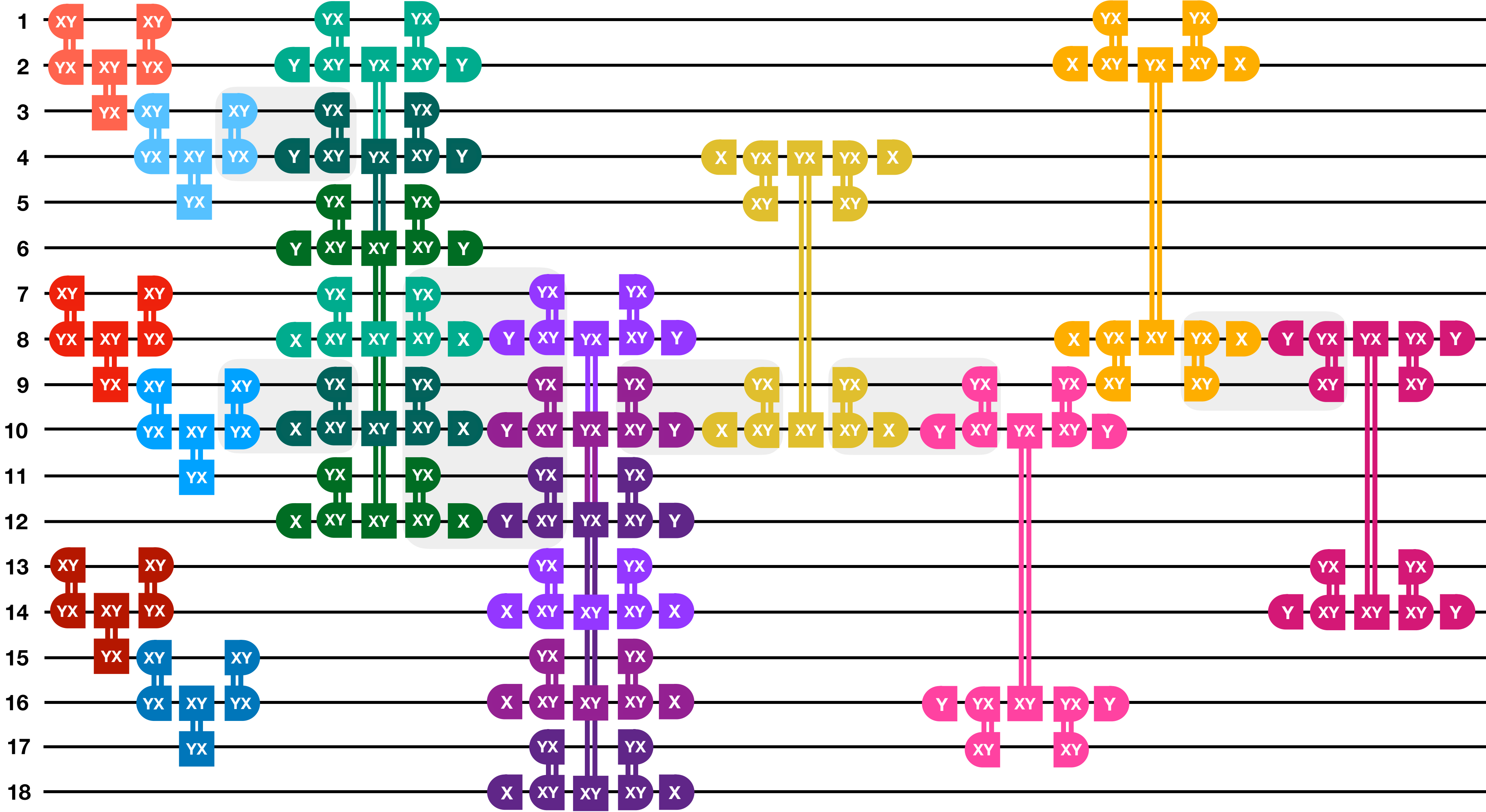
Checkerboard PA TB FHM



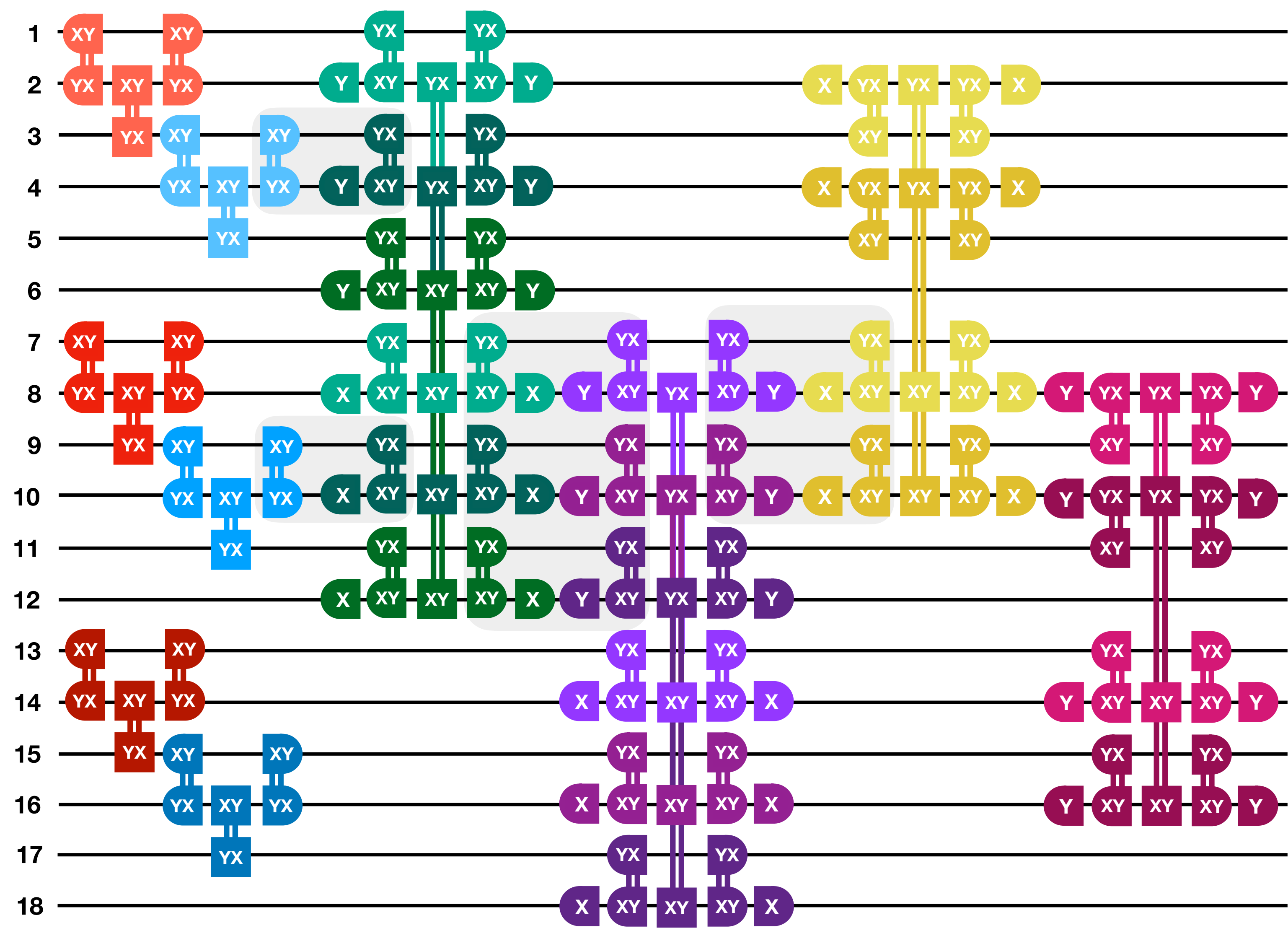
Shastry-Sutherland PA TB FHM



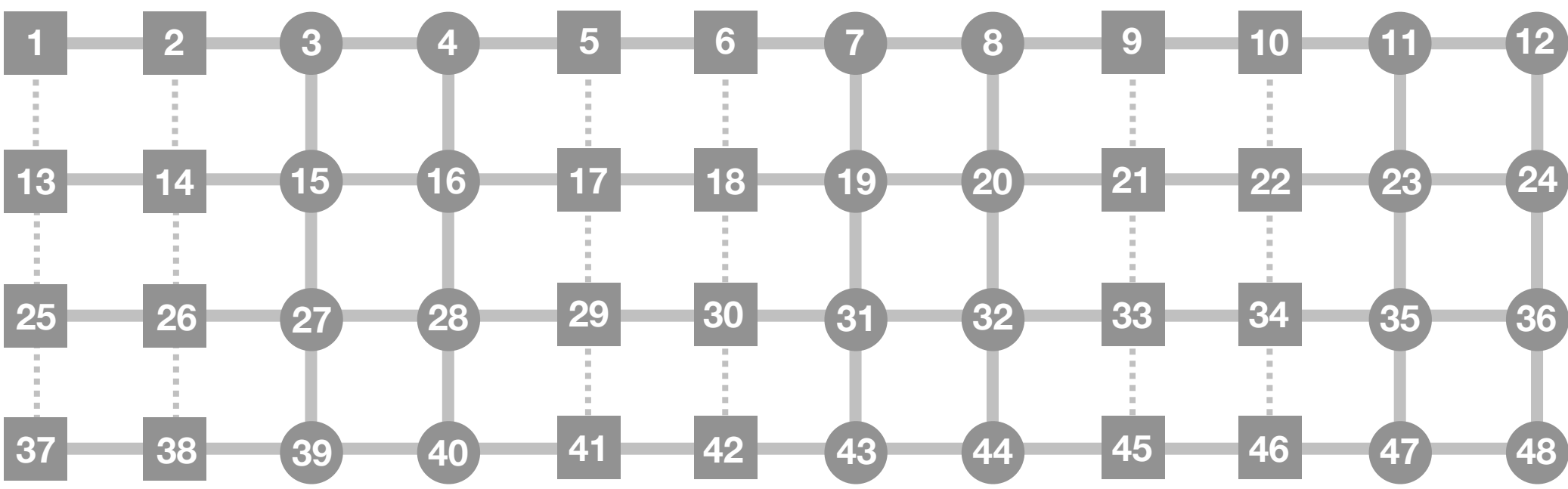
Tetrakis PA TB FHM



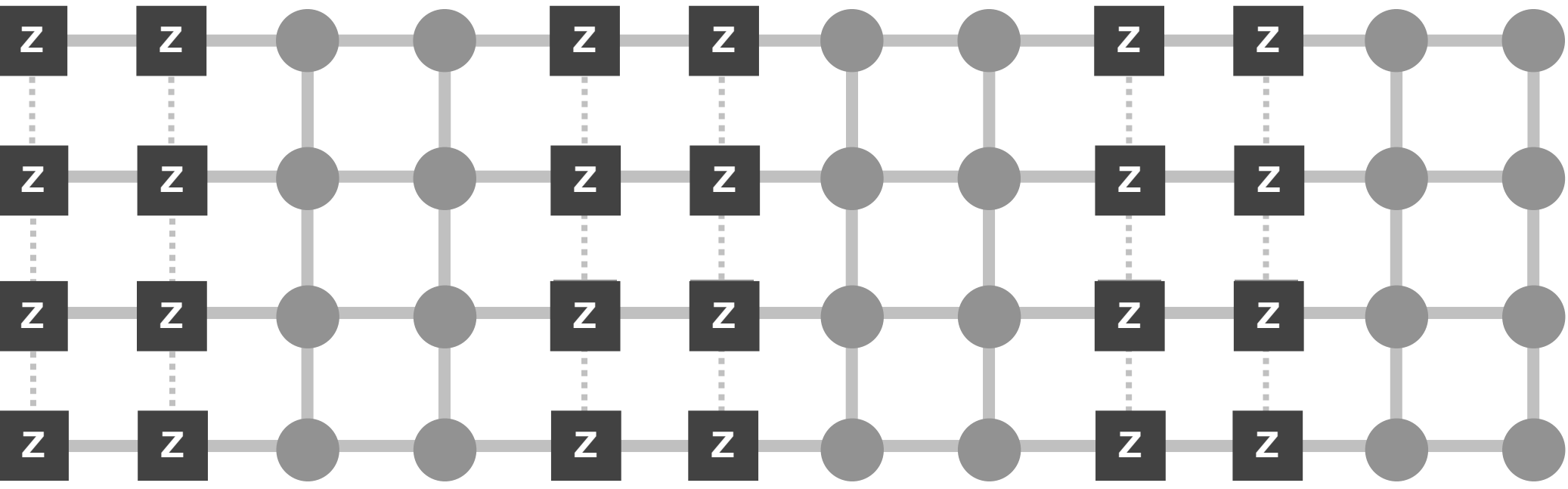
Triangular PA TB FHM



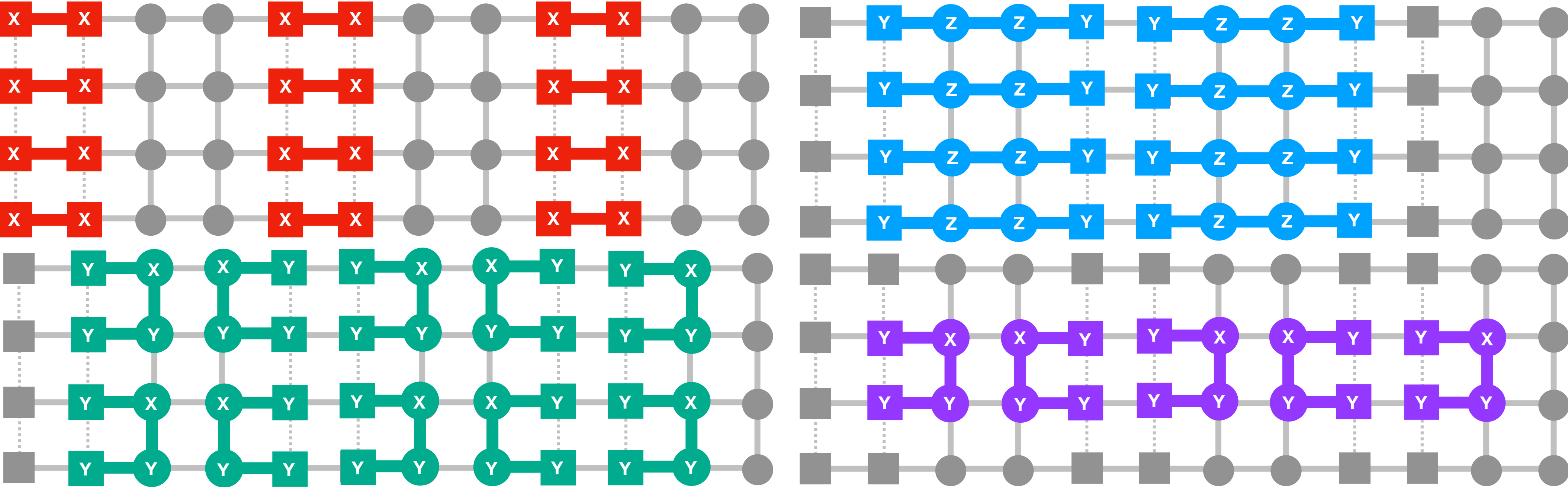
PPAA Qubit layout



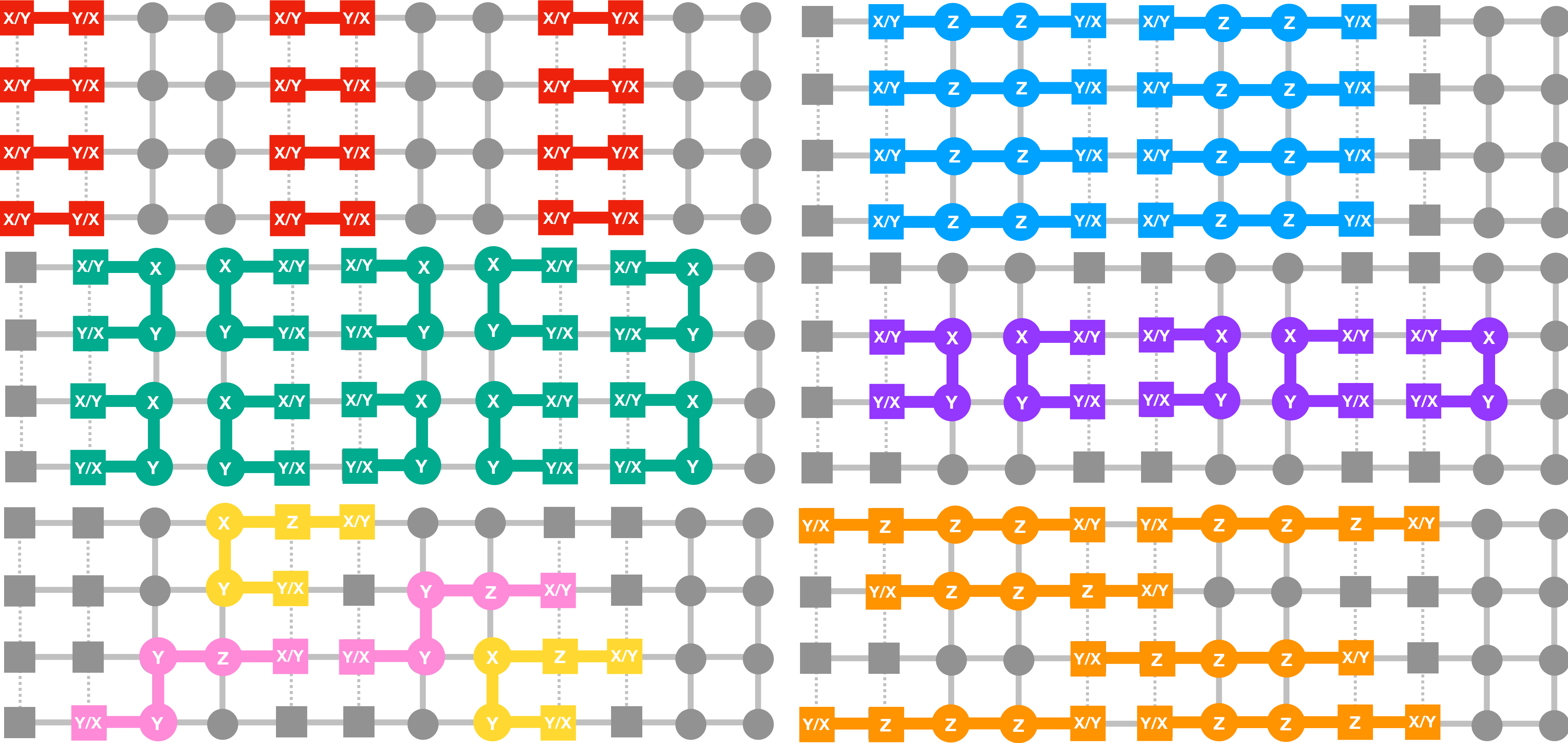
PPAA Vertex operators



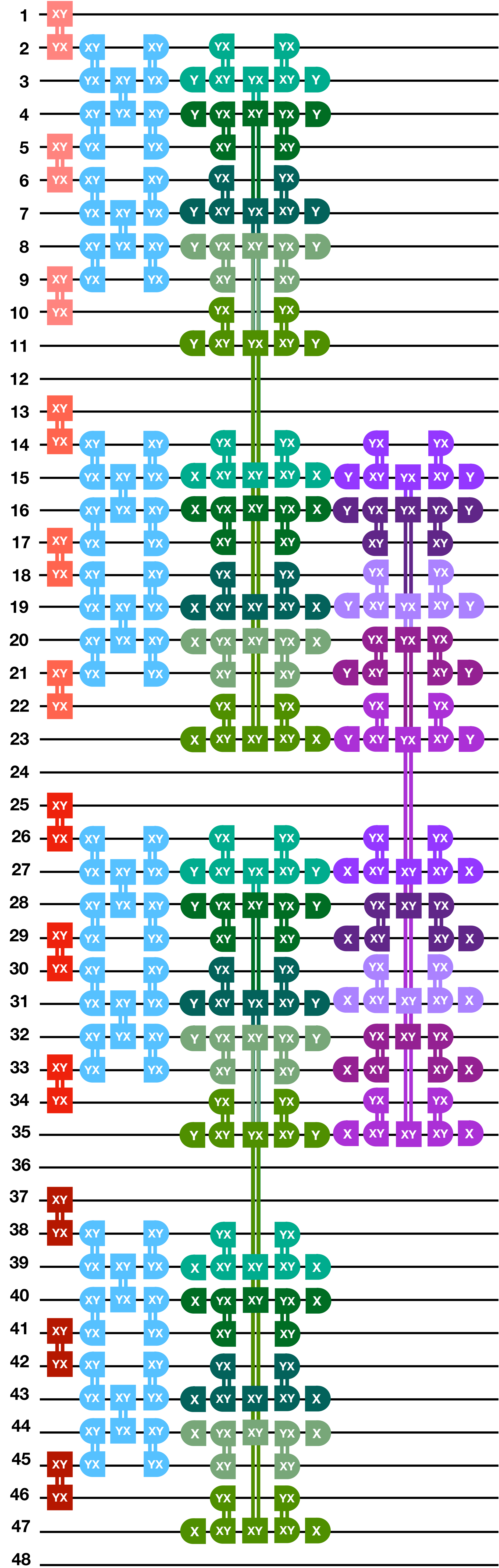
PPAA Edge operators



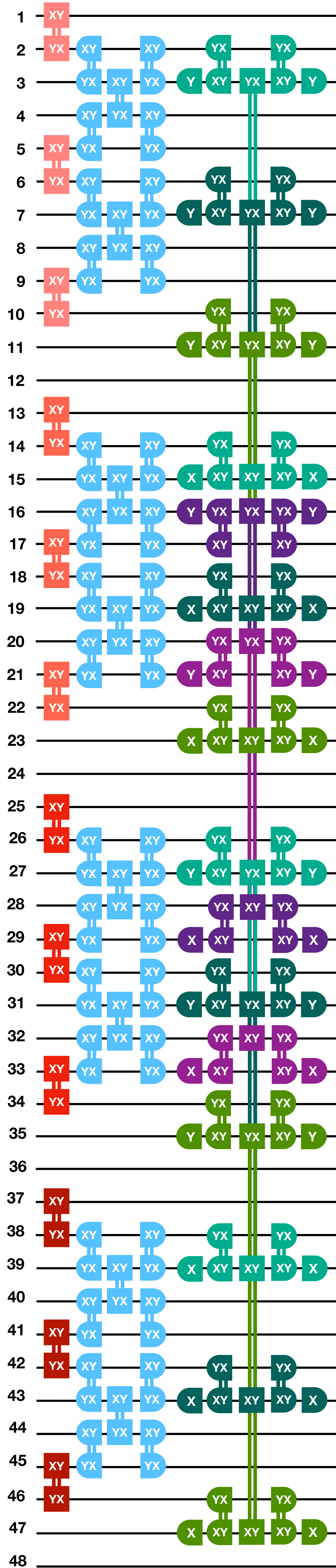
PPAA Hopping operators



Square PPAA TB FHM



Honeycomb PPAA FHM



Kagome PPAA TB FHM

