

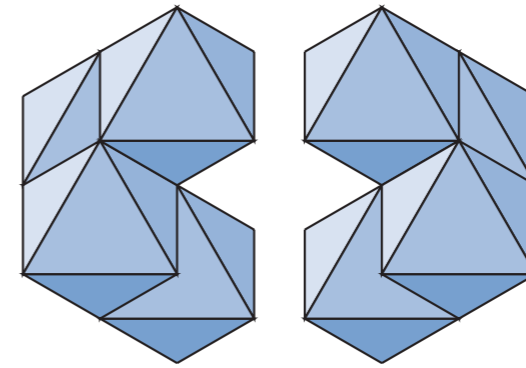
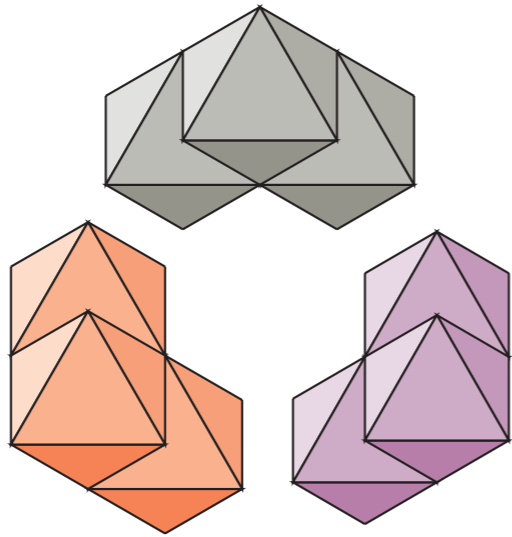
DNA double-strand packing

by Robert William Whitby

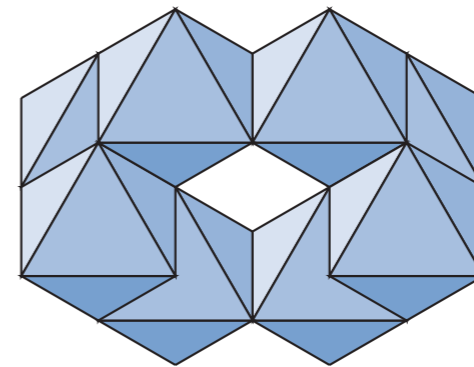
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Atoms oriented for axial viewing of strands

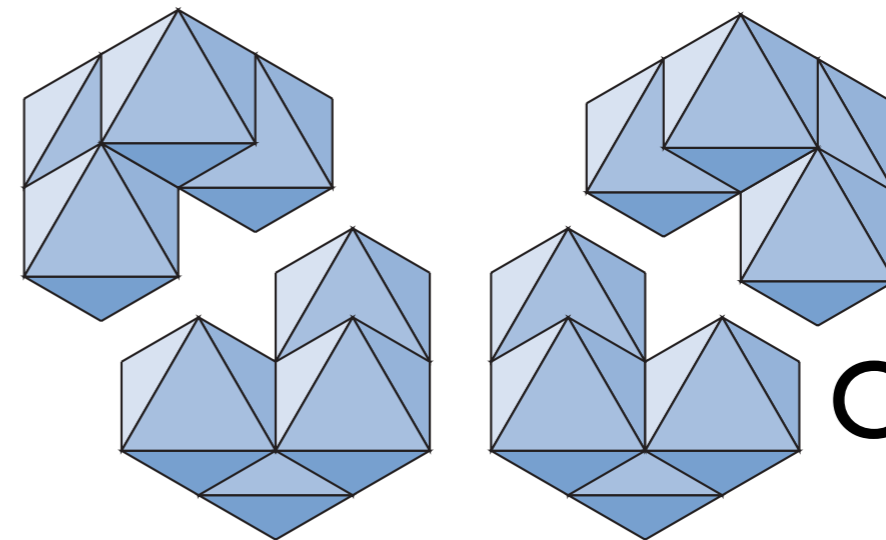
C-atoms



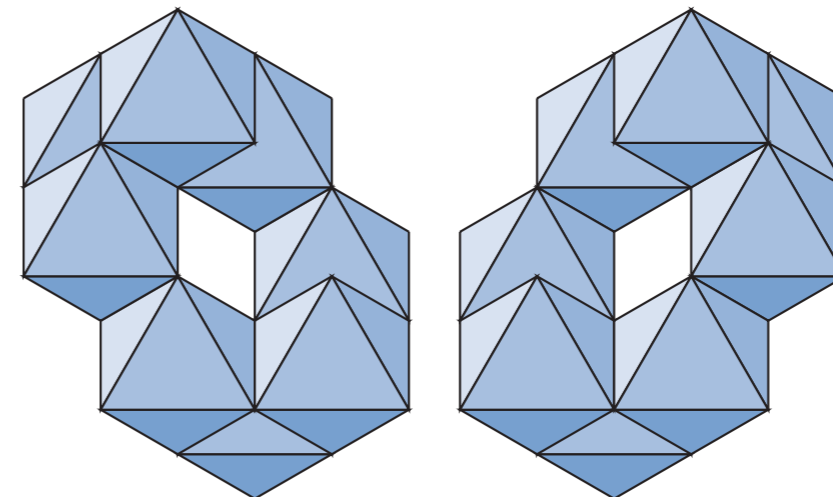
O-atoms



O-pair

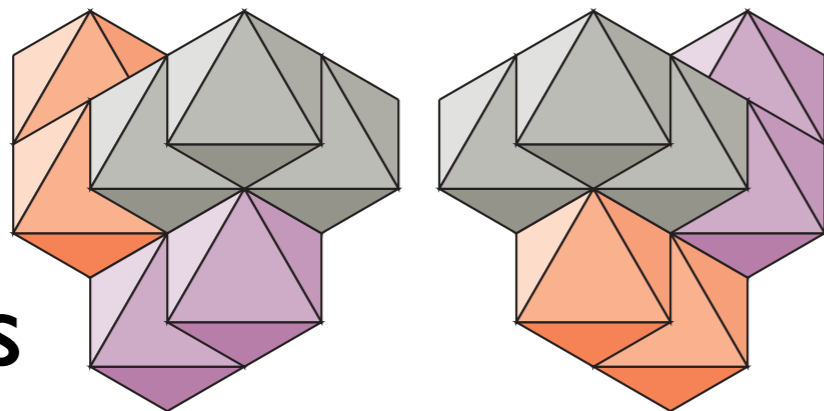


O-atoms

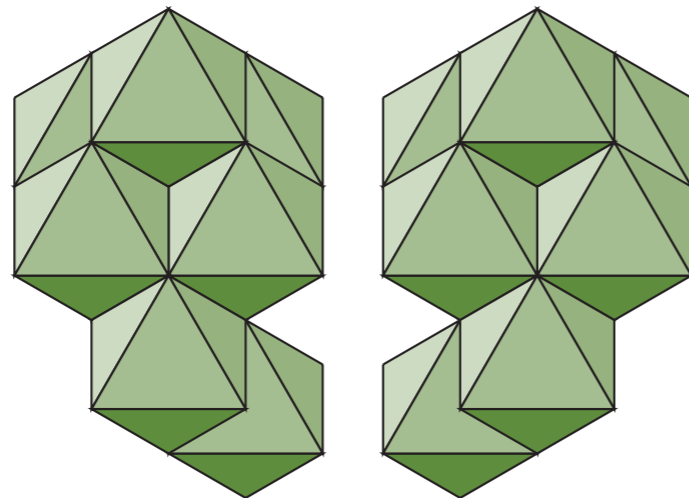


O-pairs

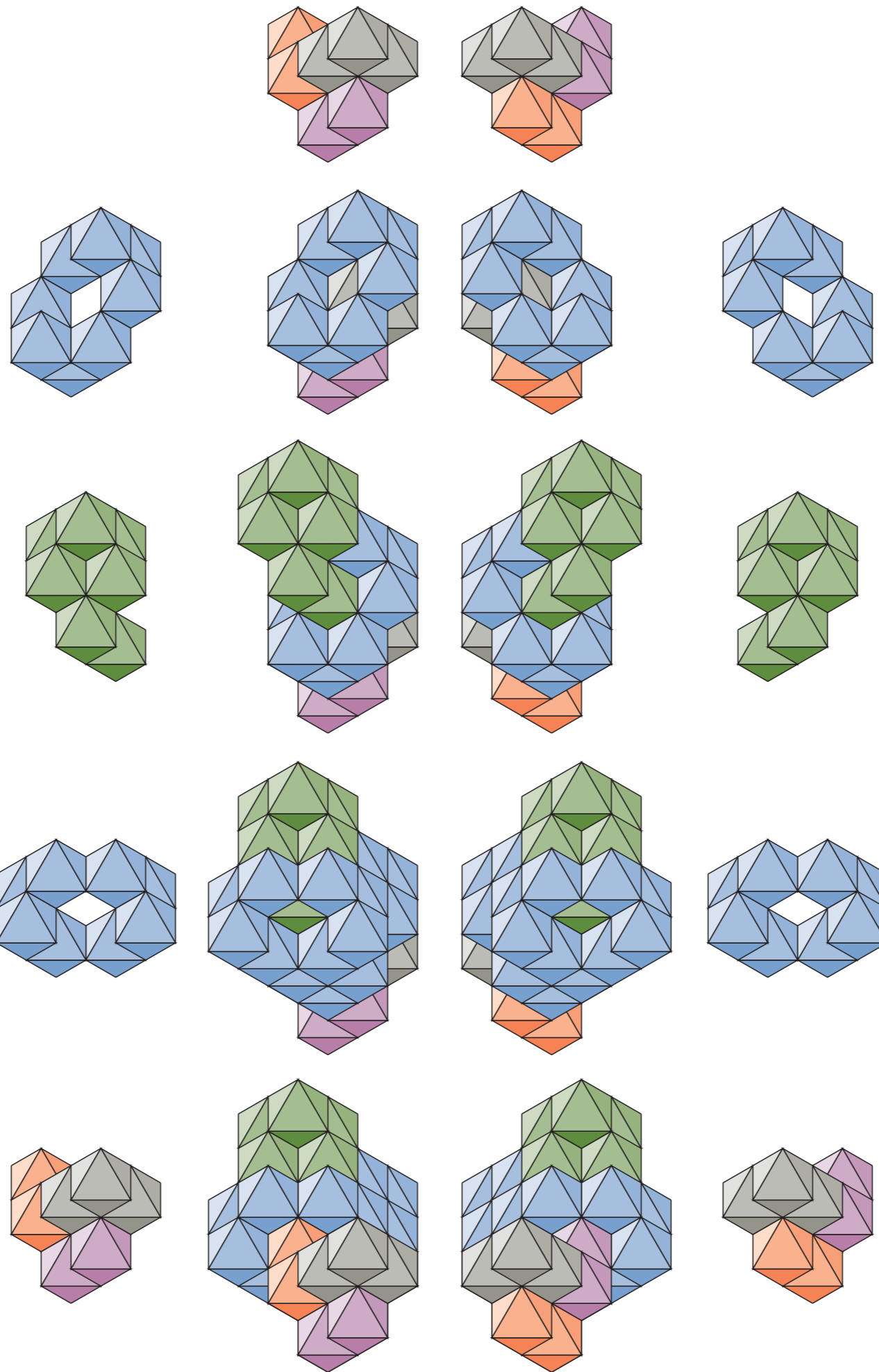
**C
helixes**

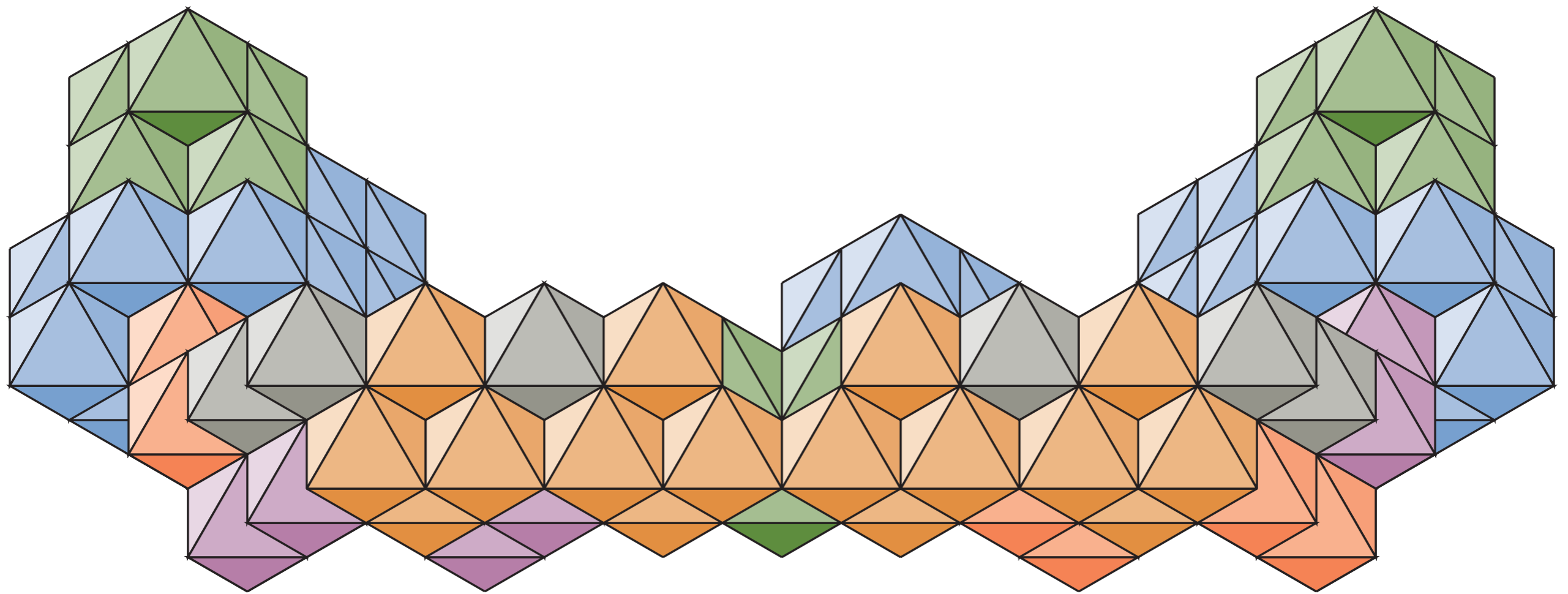


H2Ps



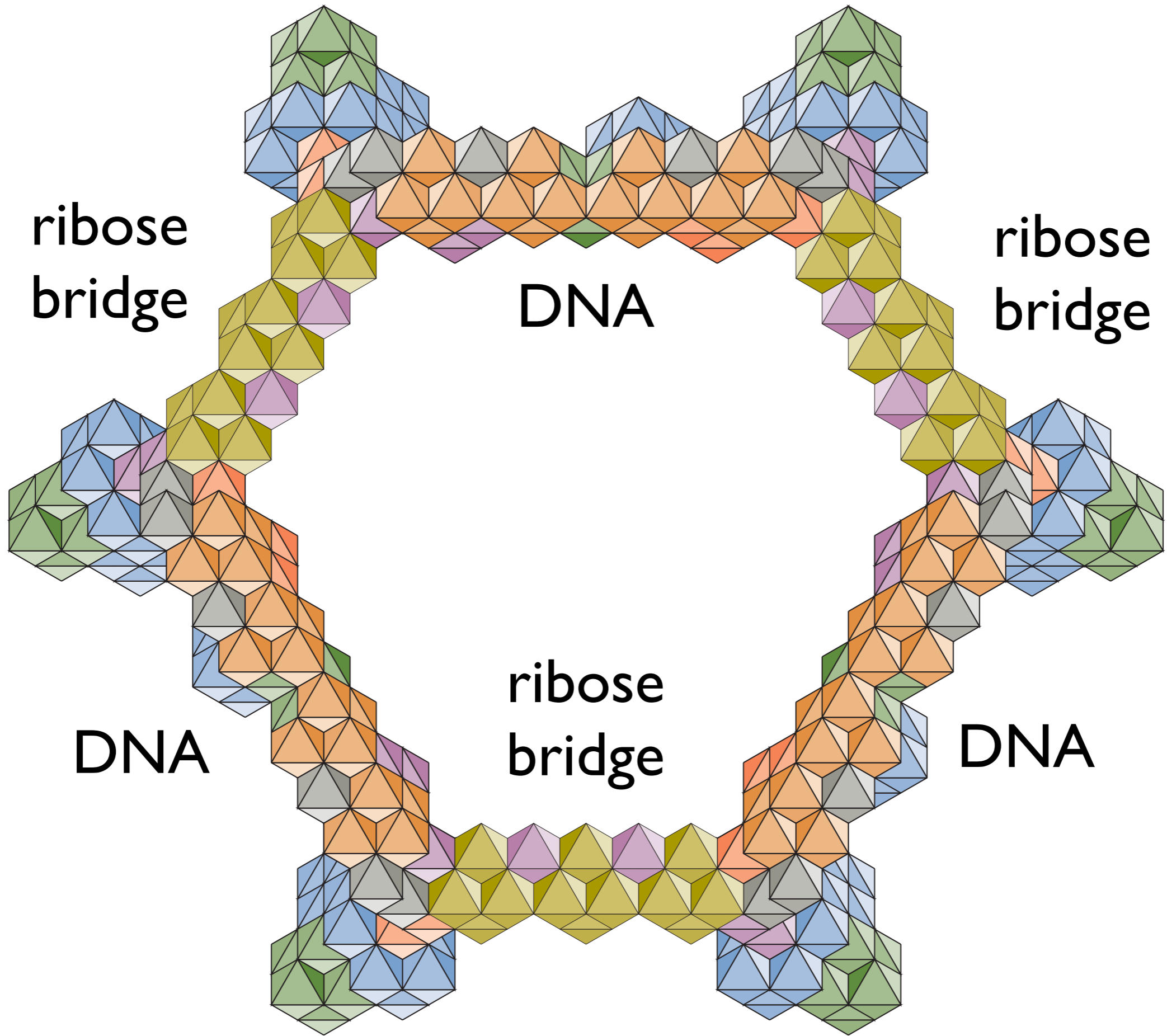
Assembly of parallel strands



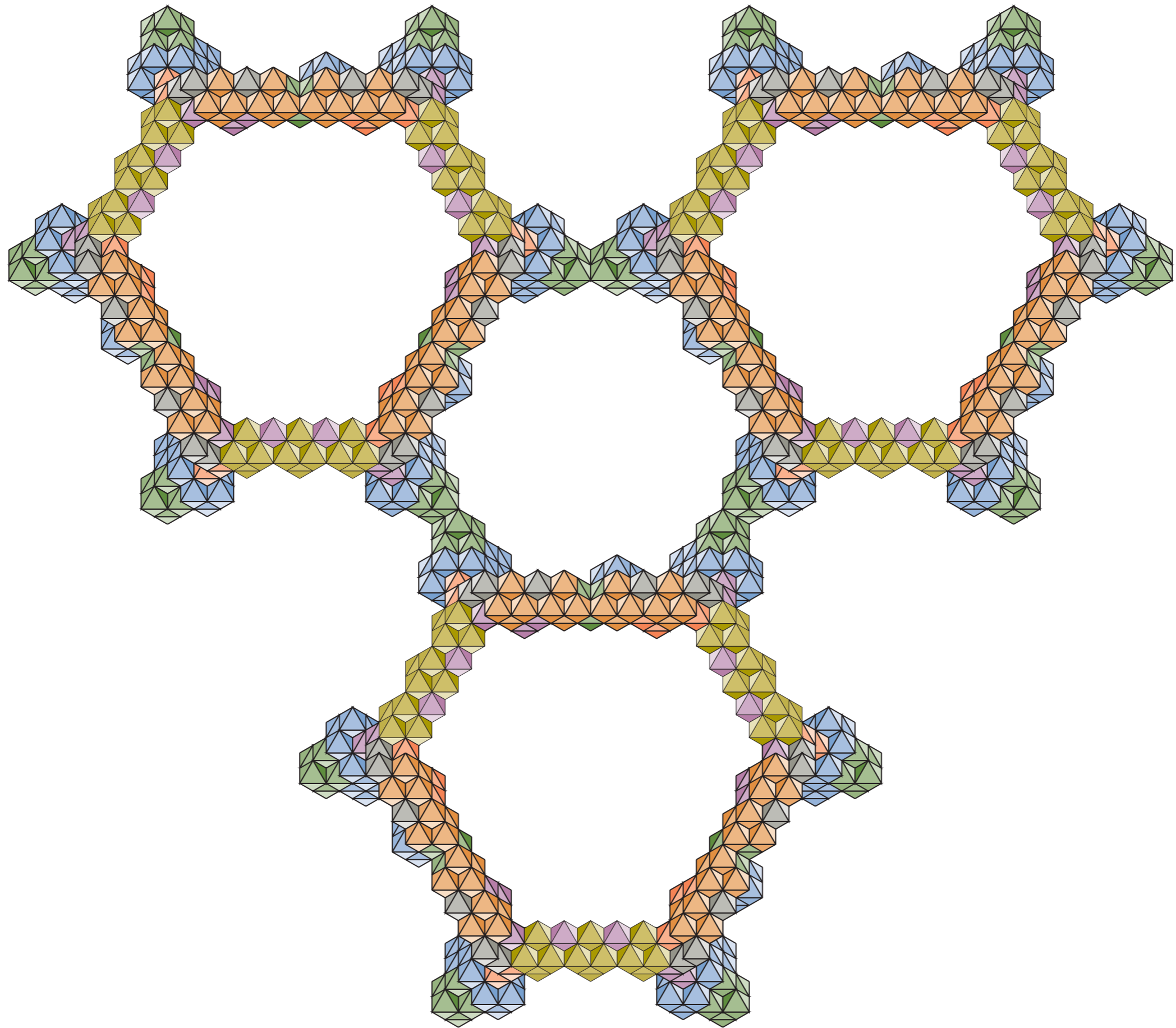


**Axial view of base-joined DNA strands
for any number of base pairs
as deep as required**

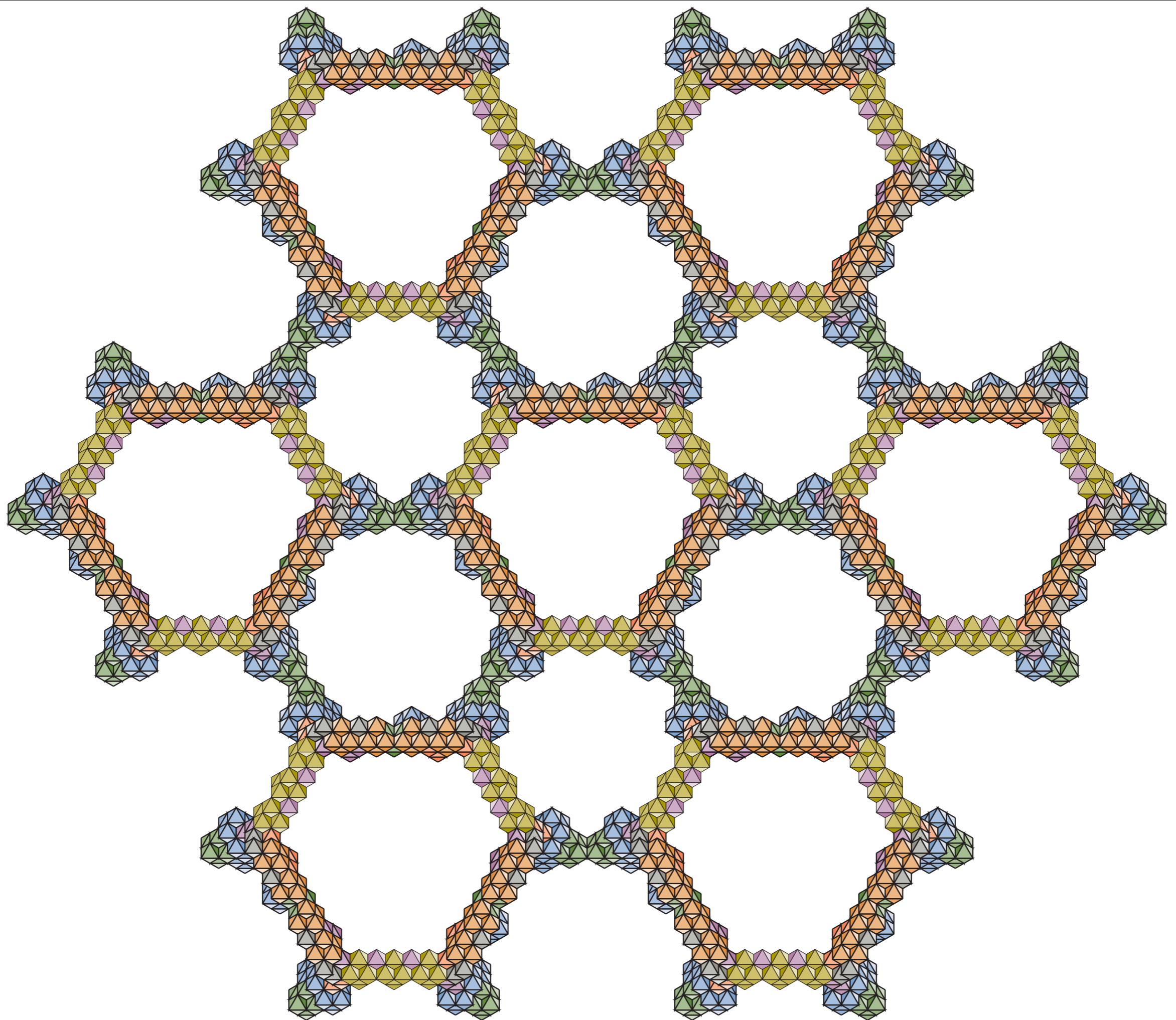
Three pair-joined DNA strands joined by
O-C-O-C-O
ribose-to-ribose bridges



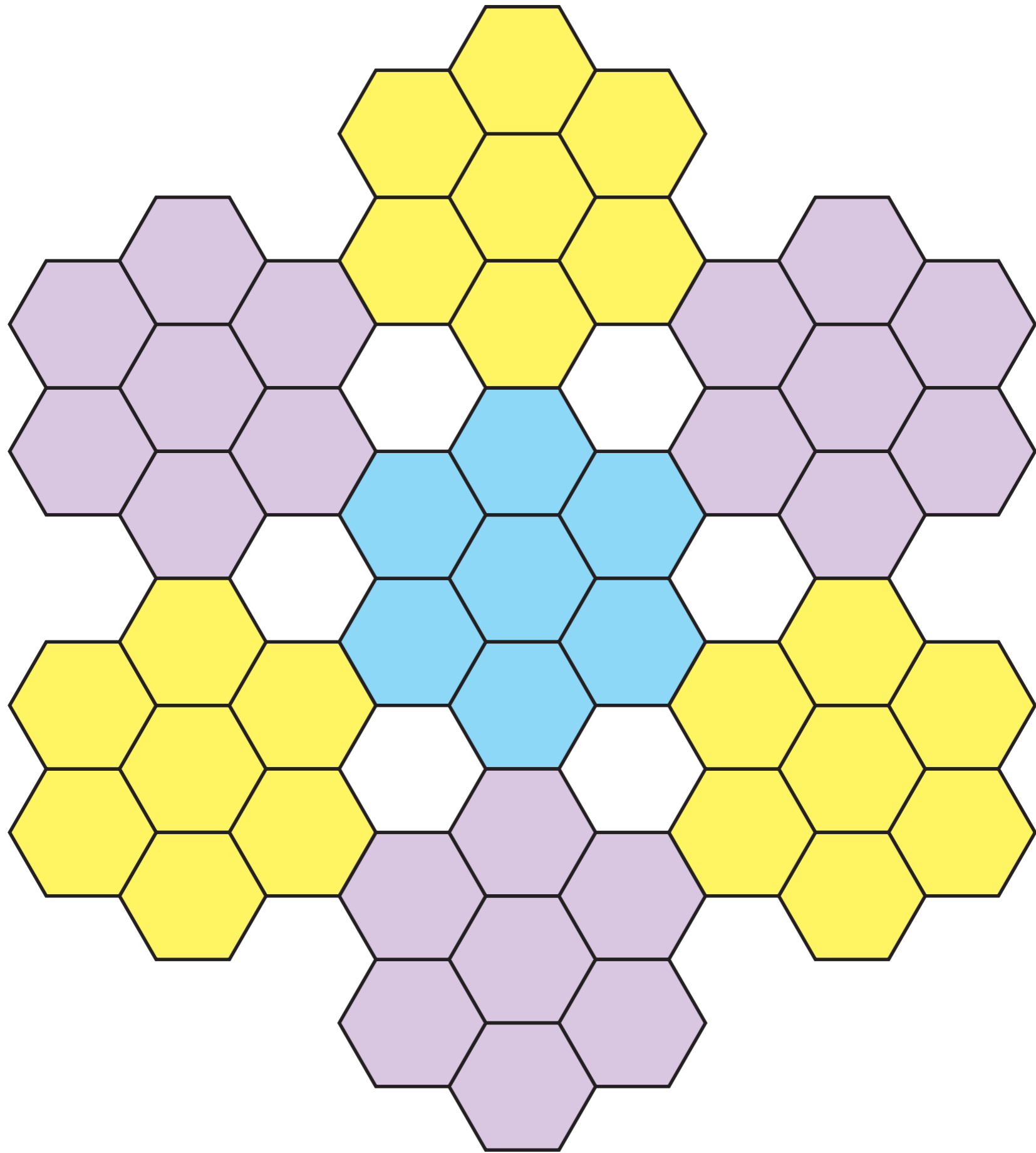
Three DNA rings
edge-joined by P-atoms



Seven DNA rings
edge-joined by P-atoms



**7 x 7 DNA rings
edge-joined by P-atoms**



References

www.RobertWilliamWhitby.com

Octahedron 1stEd.pdf

Parallel chain base pairs by octatom on YouTube

The end