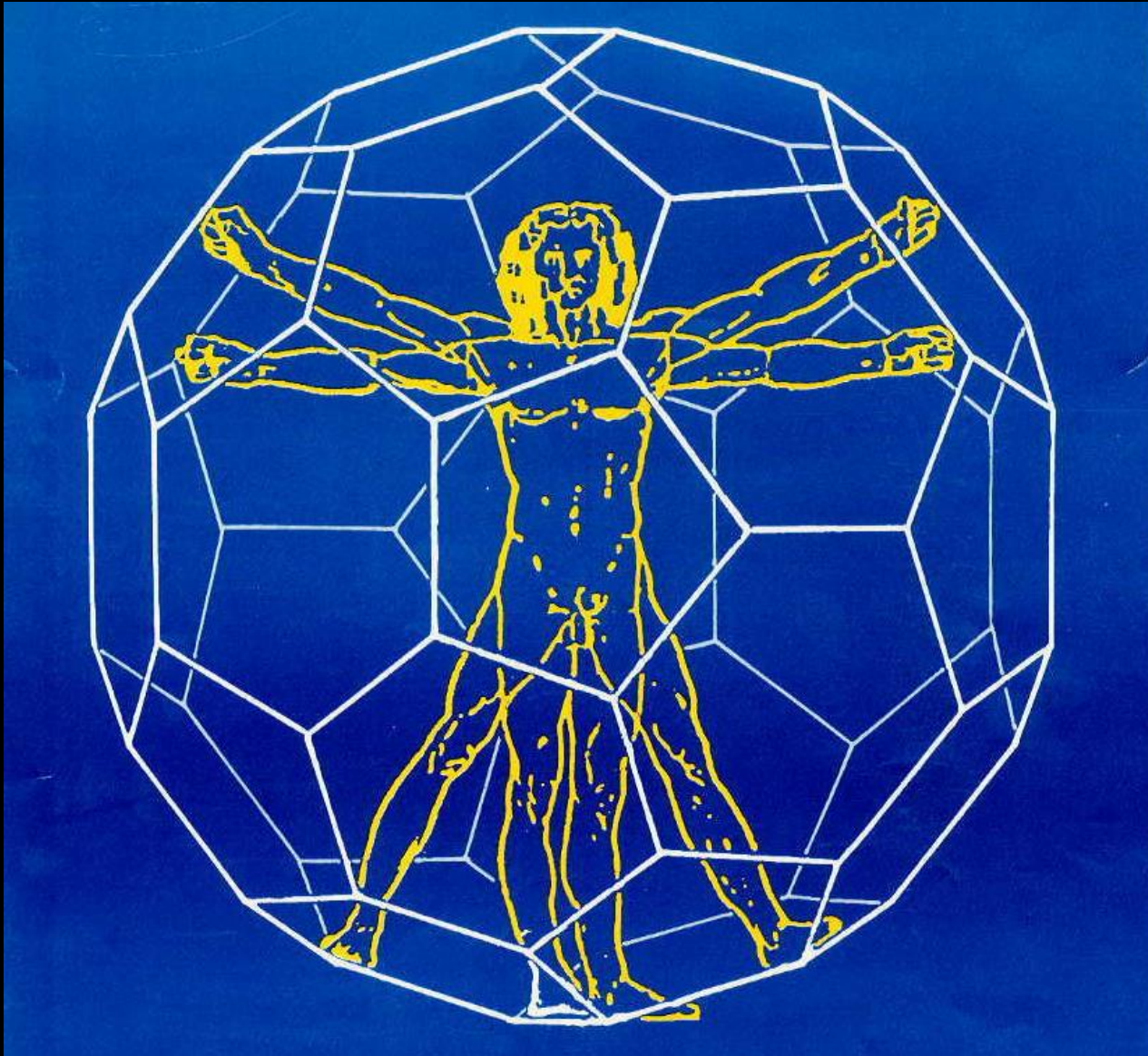
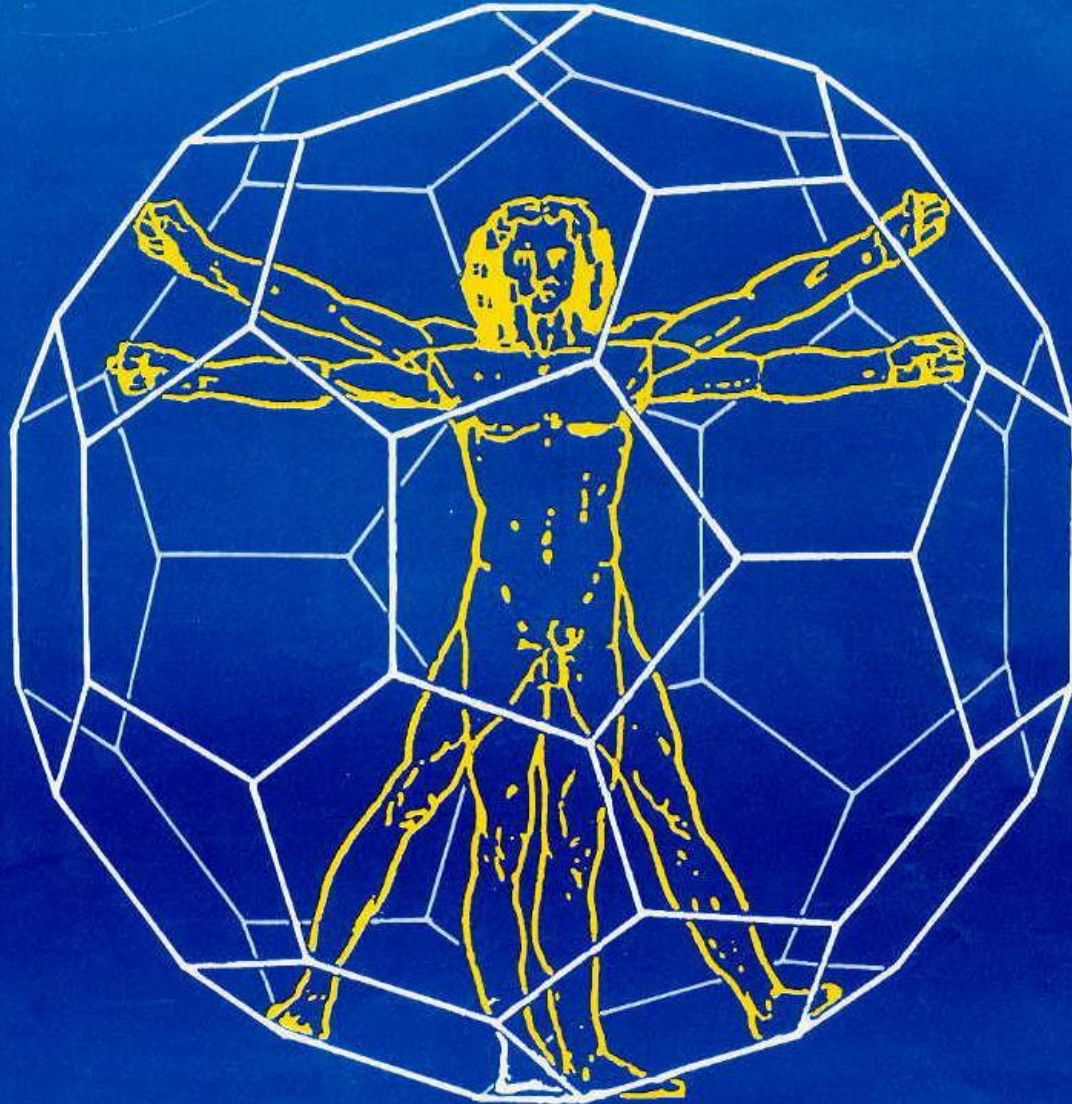


Can Art and Science Mix?



A RANDOM WALK IN SCIENCE, ART & DESIGN



The Royal Academy Summer Exhibition

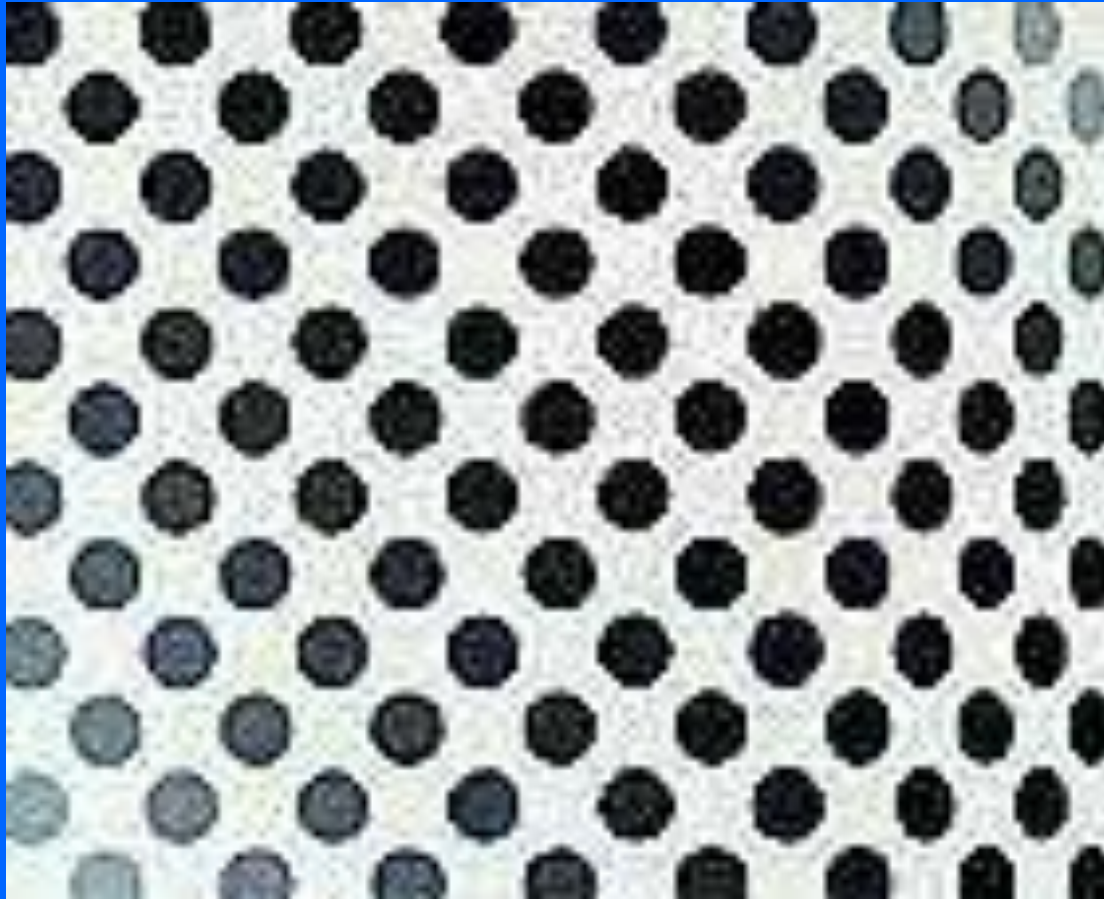


Shapes and Patterns

William Blake



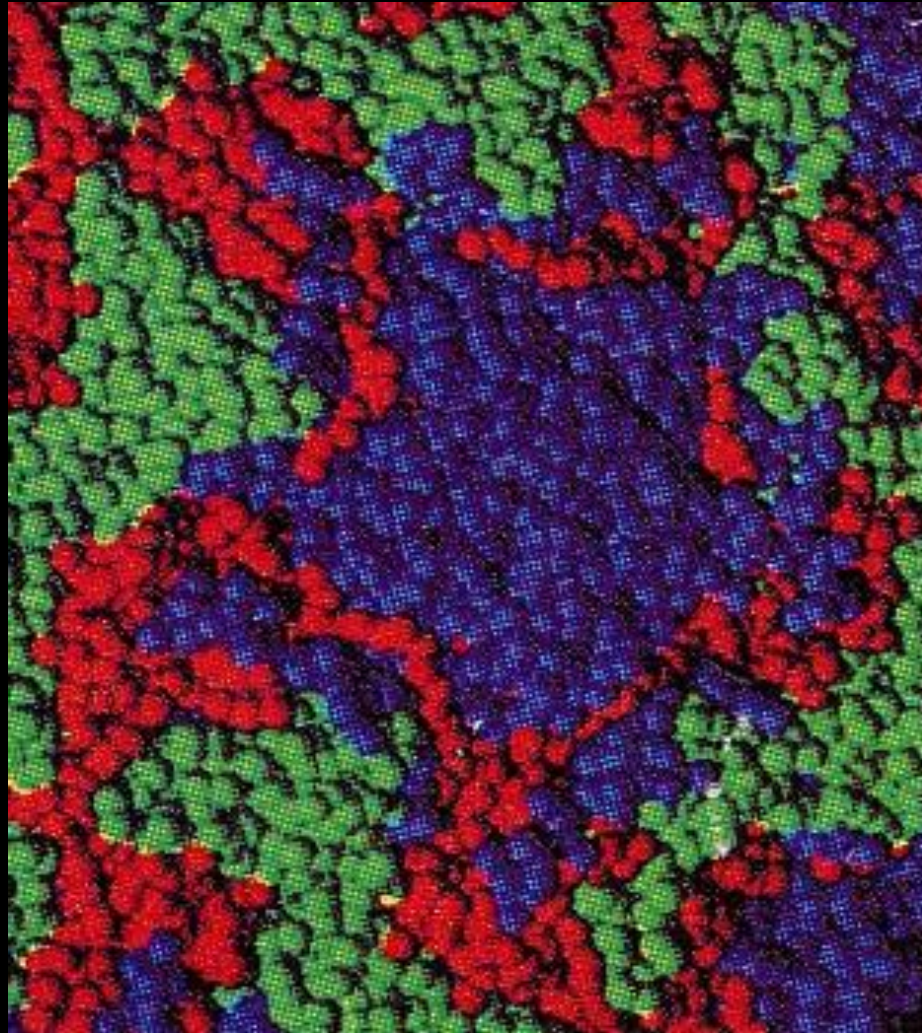
"Art"



OpArt



"Art"? - Maybe



BioArt



Fractals



Artists and Science



HK Graphics 0



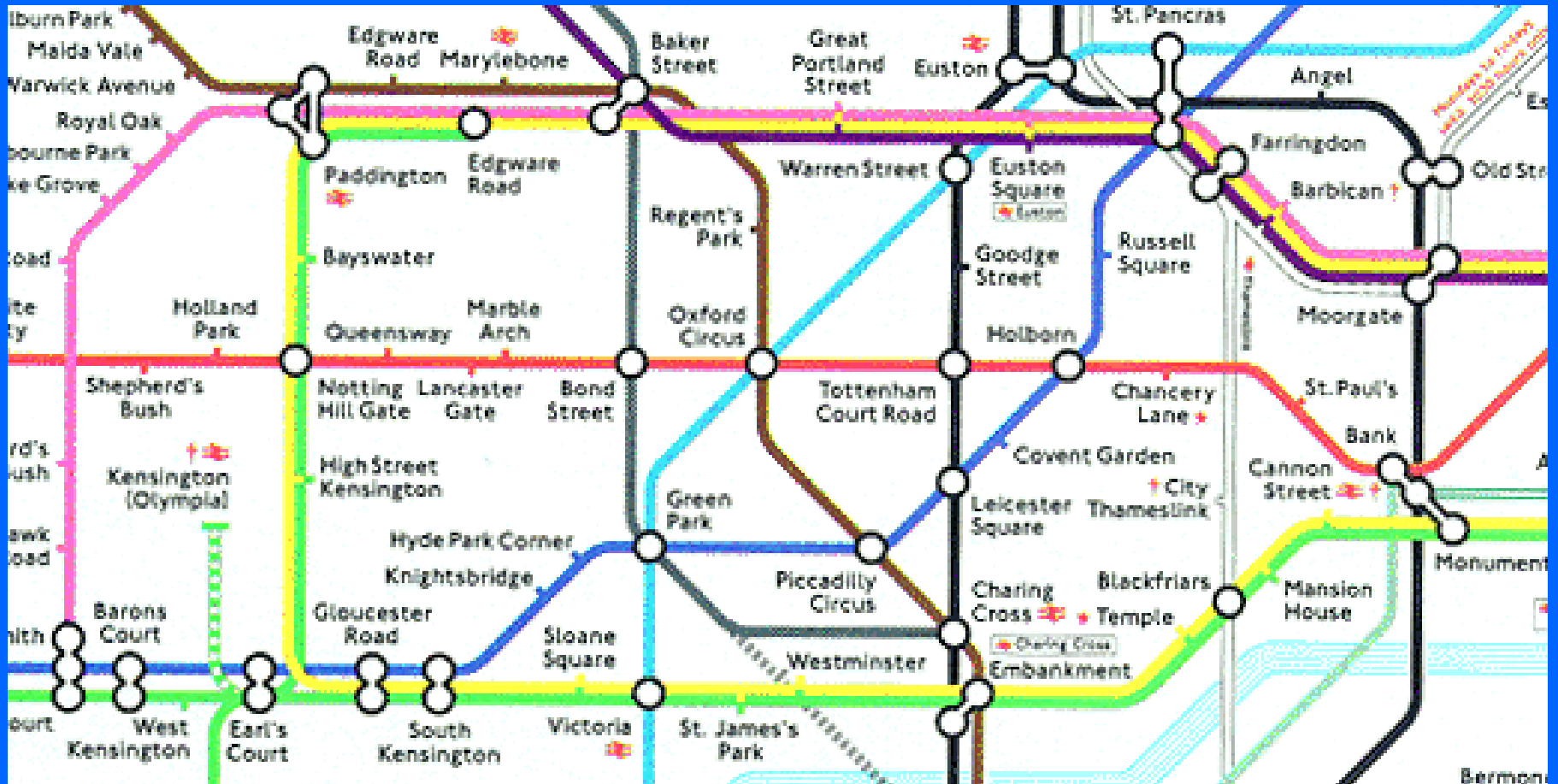
HK Graphics 1



HK Graphics 2



OpArt and Dynamics

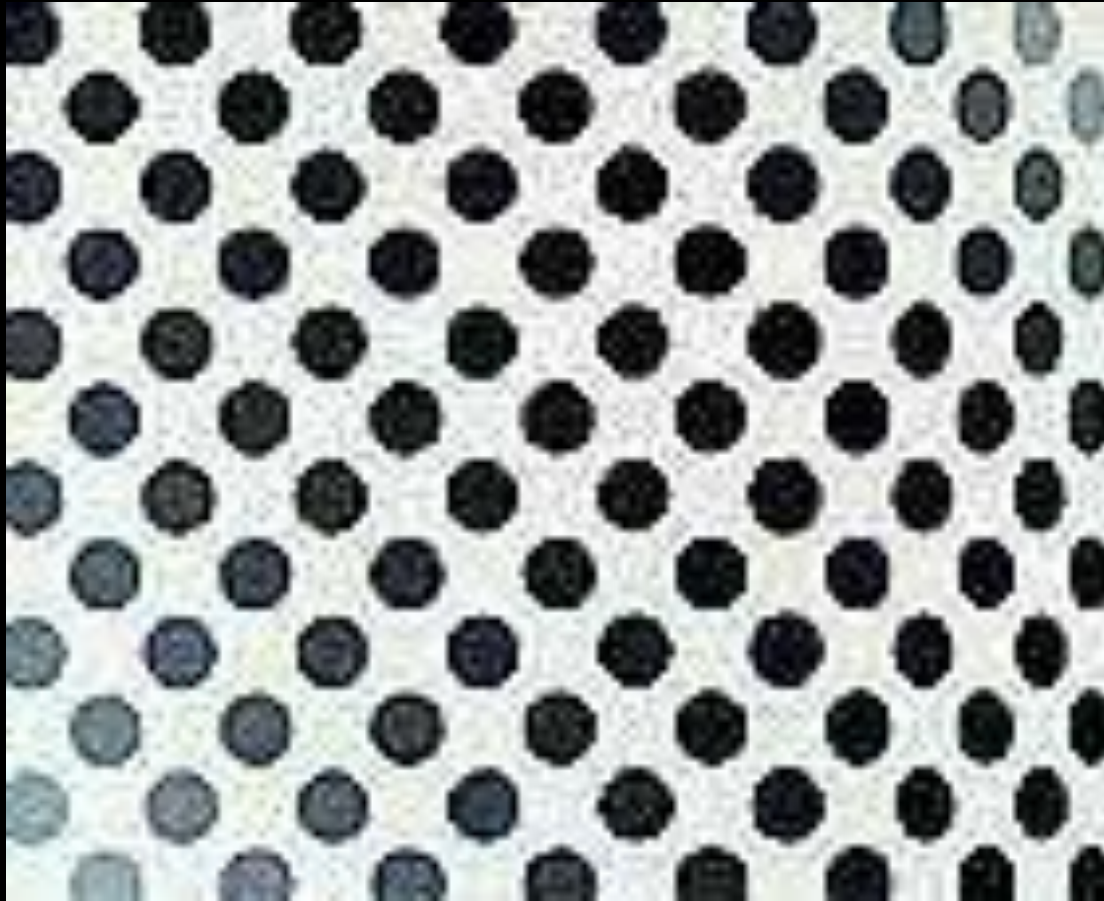


Networks

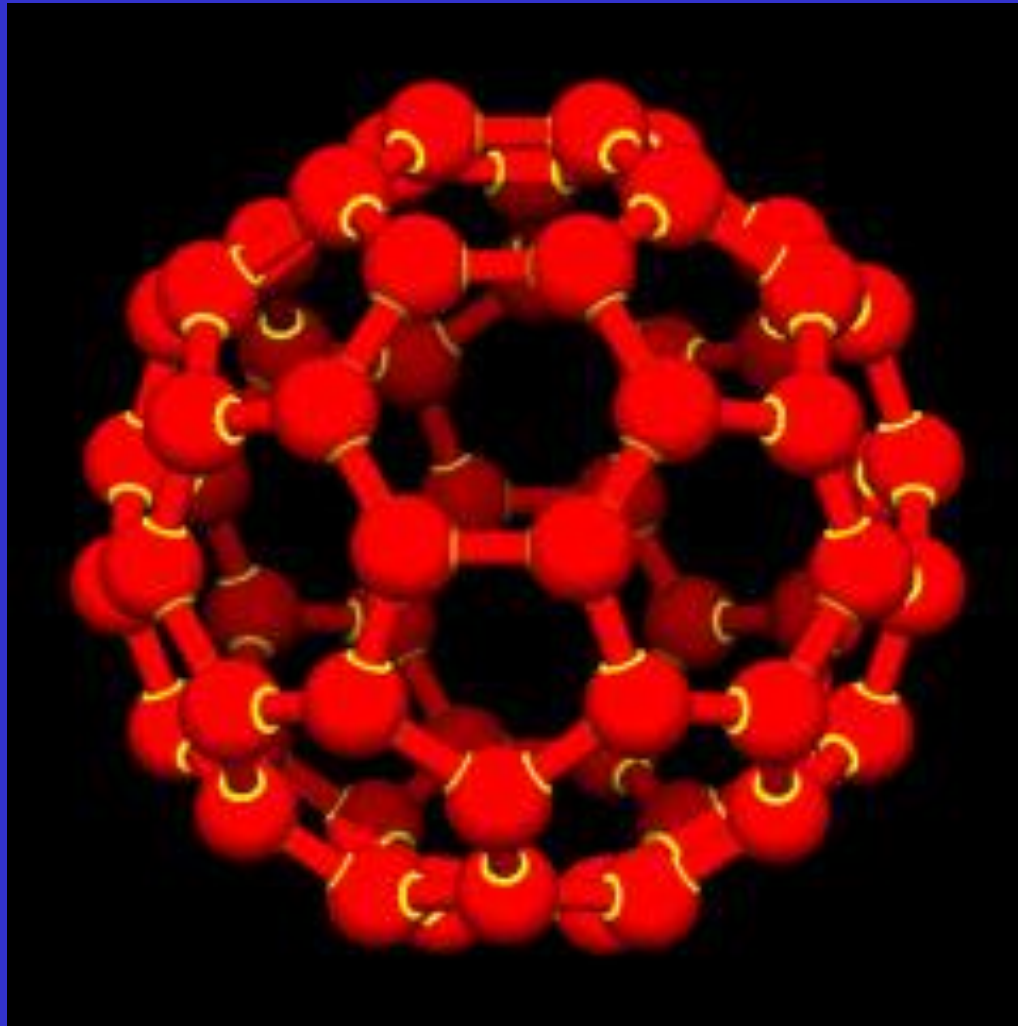
*We use
hexagonal
carbon
network to
make all
sorts of
curved
structures*



Carbon Construction Kit



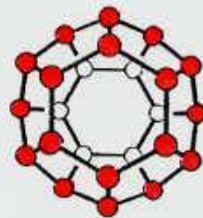
OpArt and Imagination



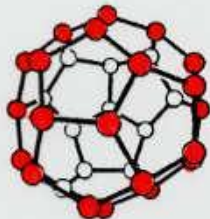
The Fullerene Family



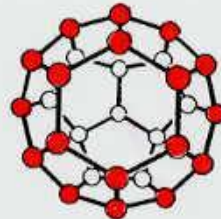
C_{20}



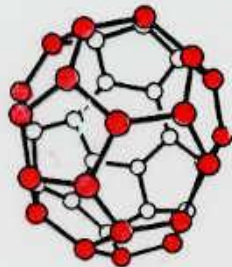
C_{24}



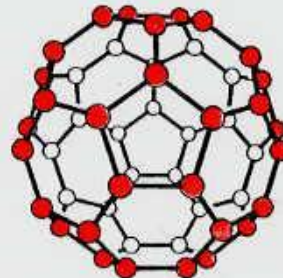
C_{32}



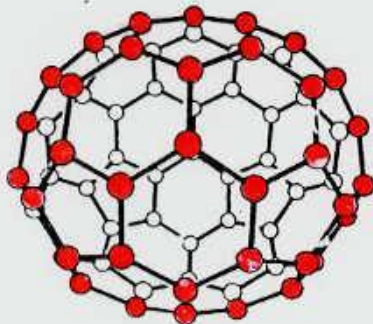
C_{28}



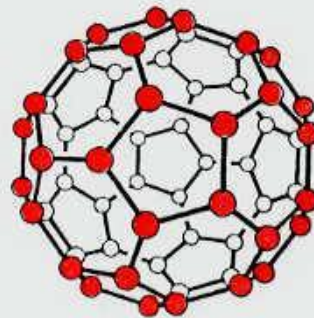
C_{36}



C_{50}

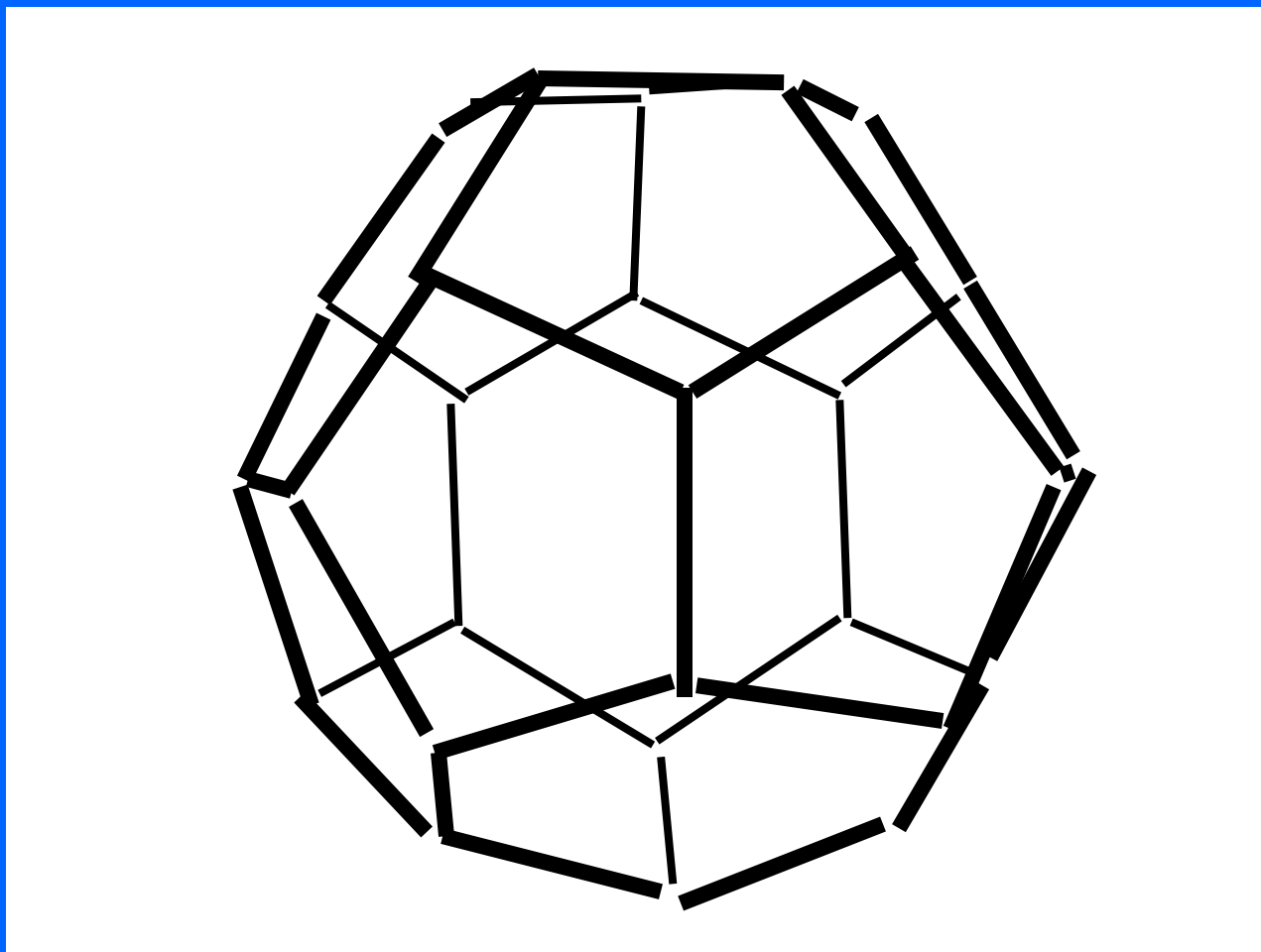


C_{70}

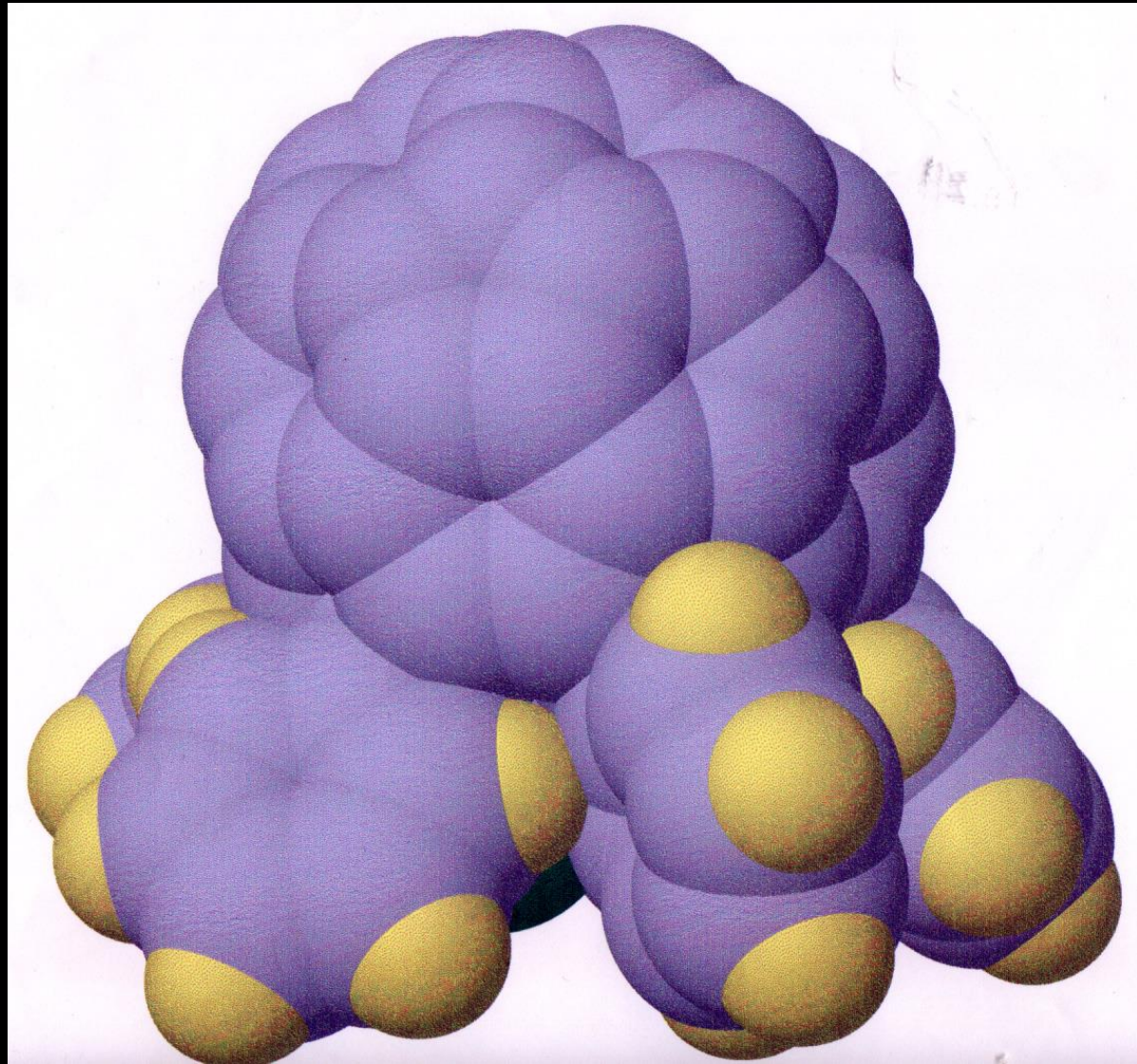


C_{60}

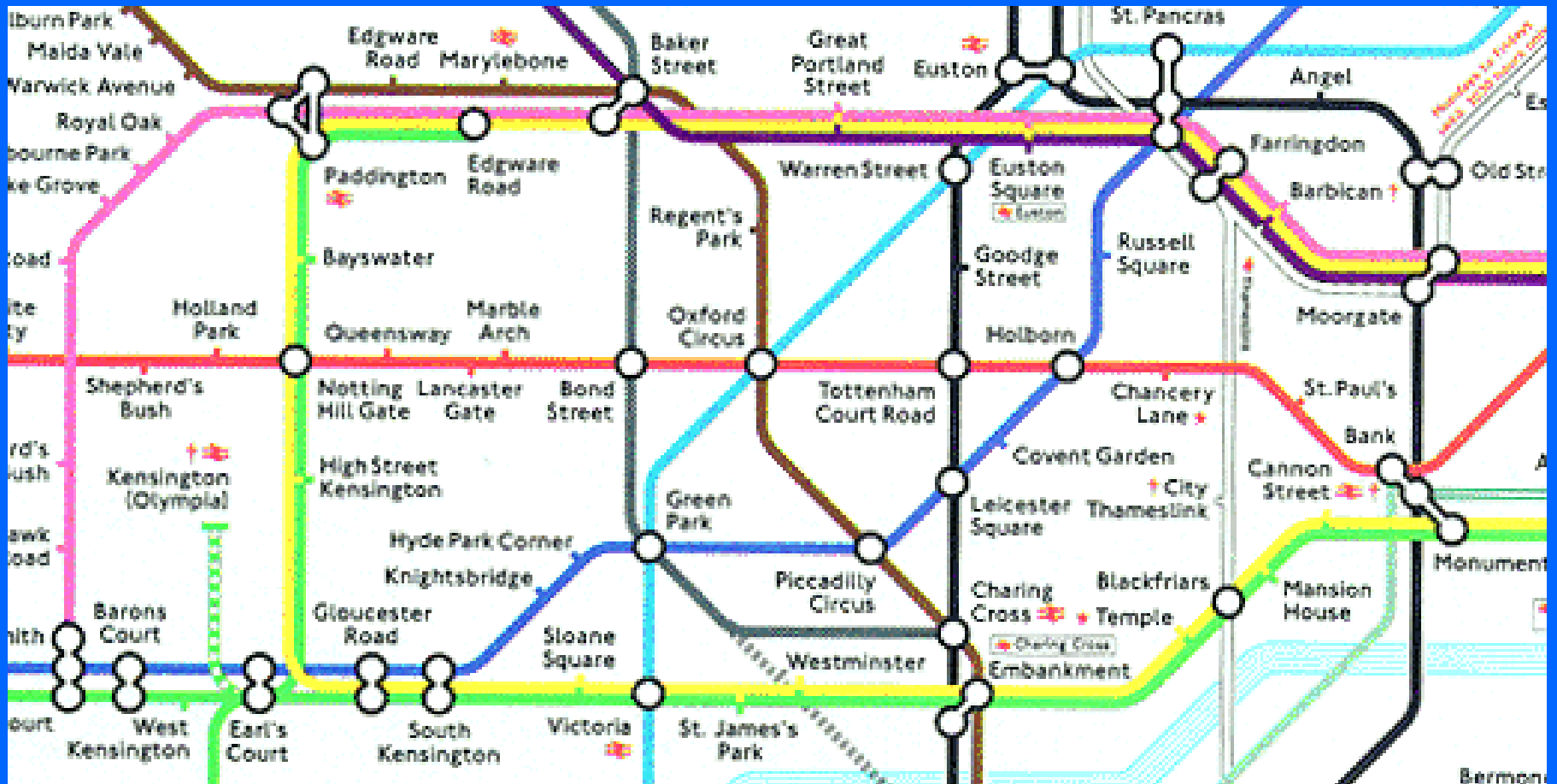


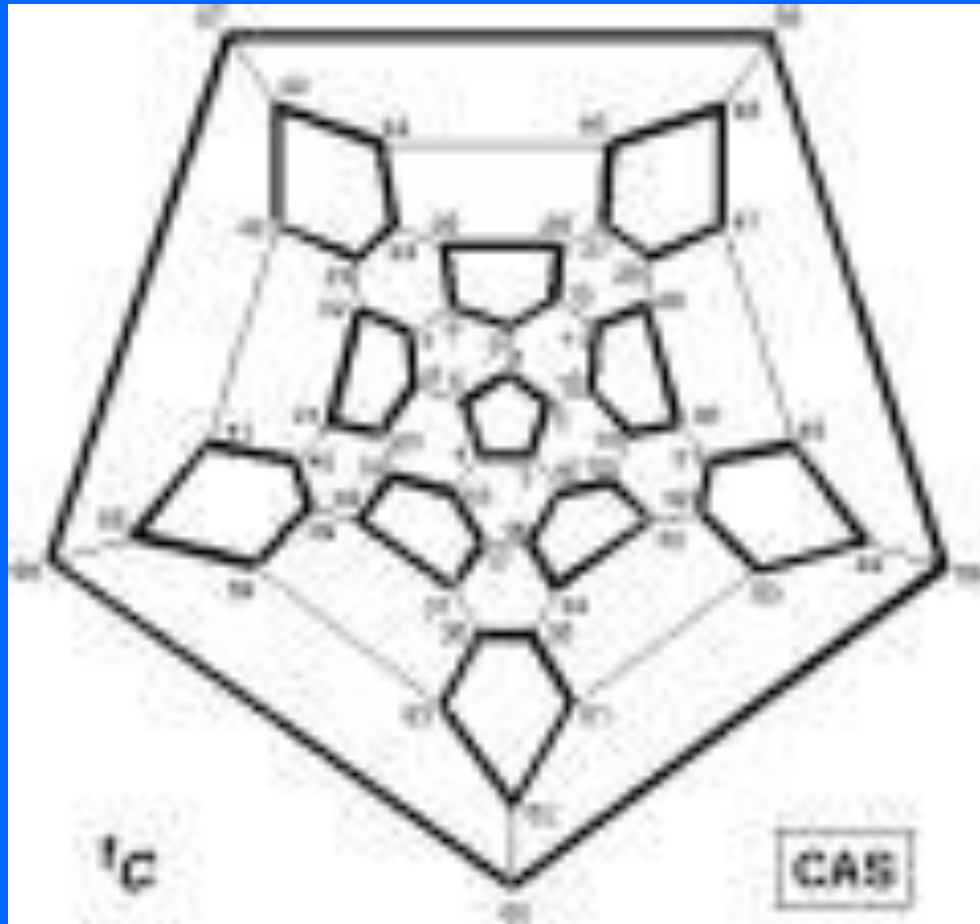


How to Draw a Fullerene

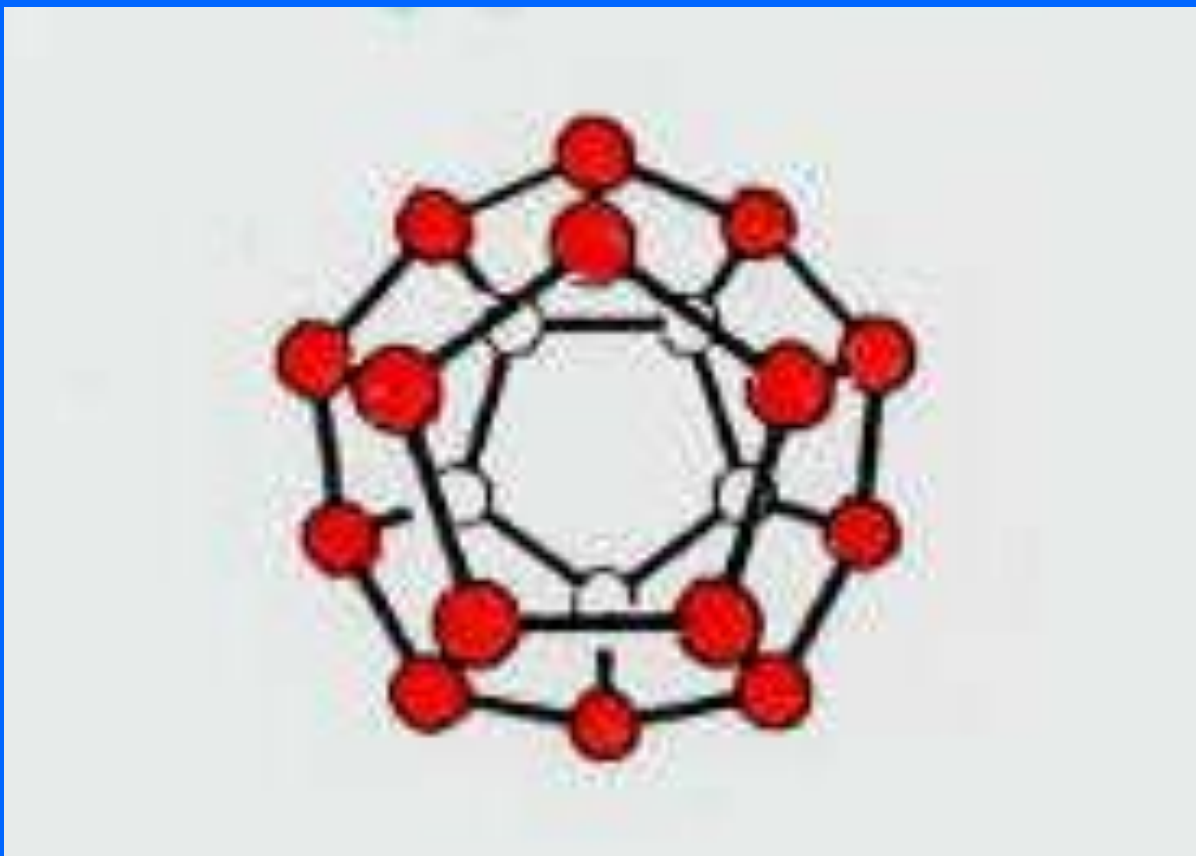








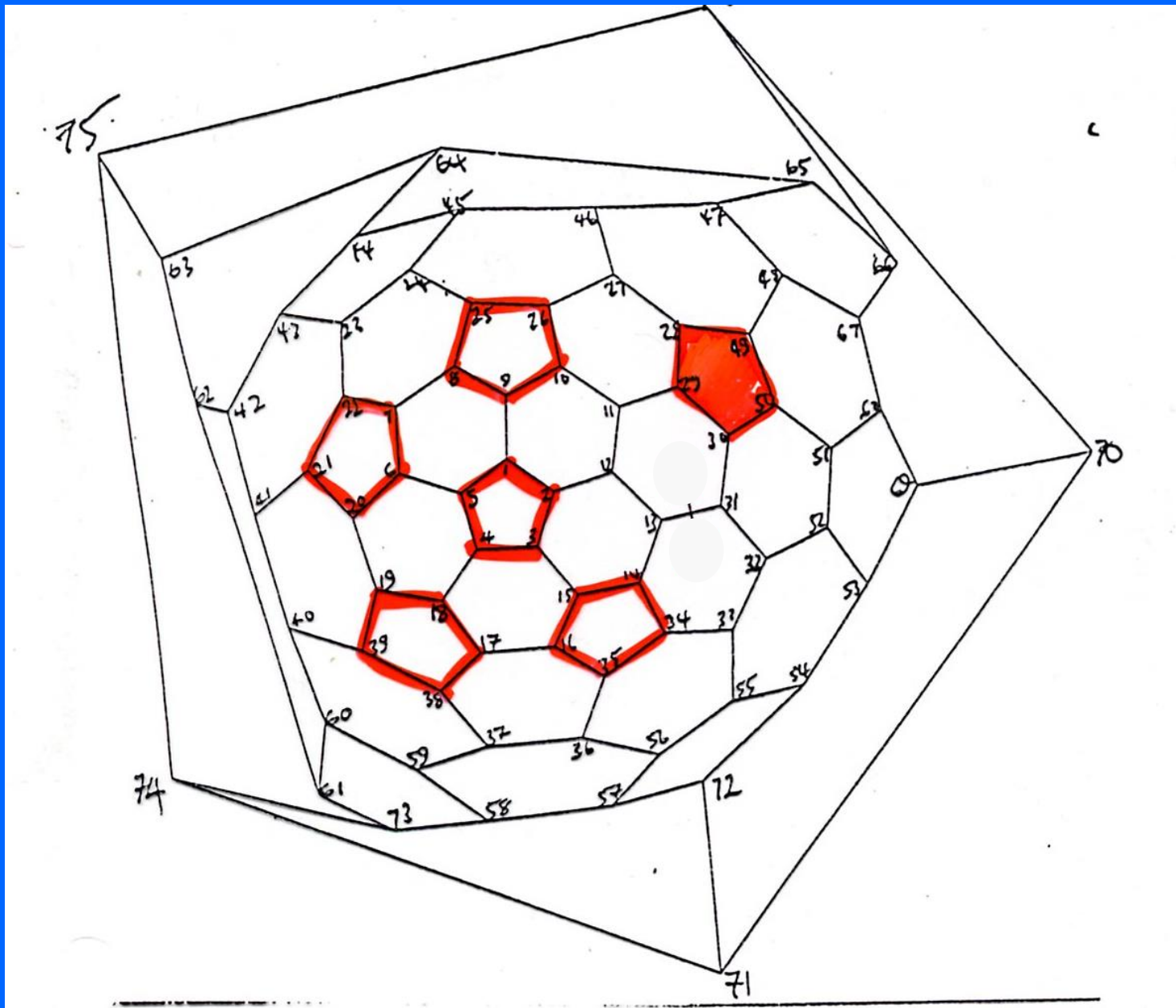
Schlegel Diagrams

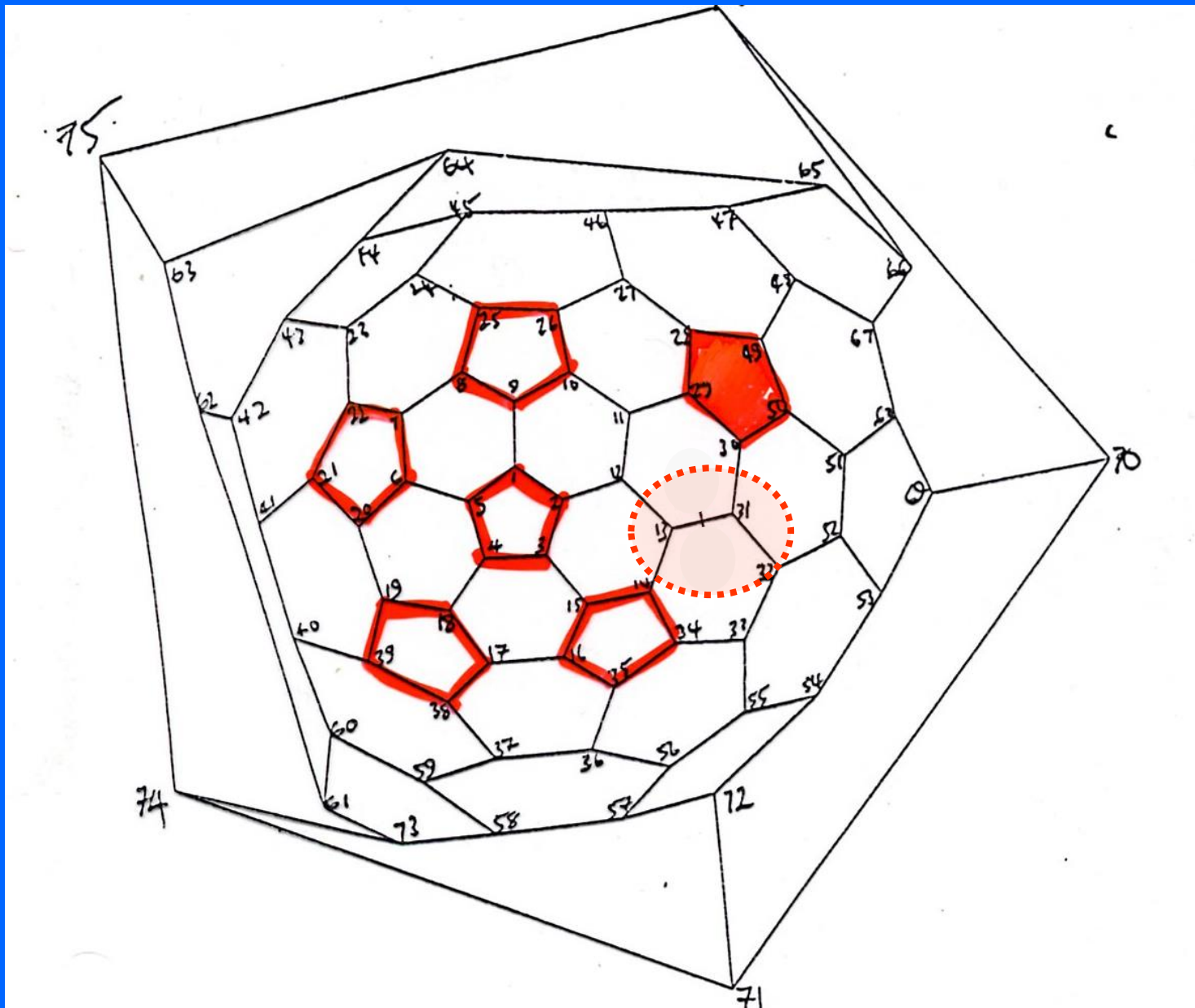


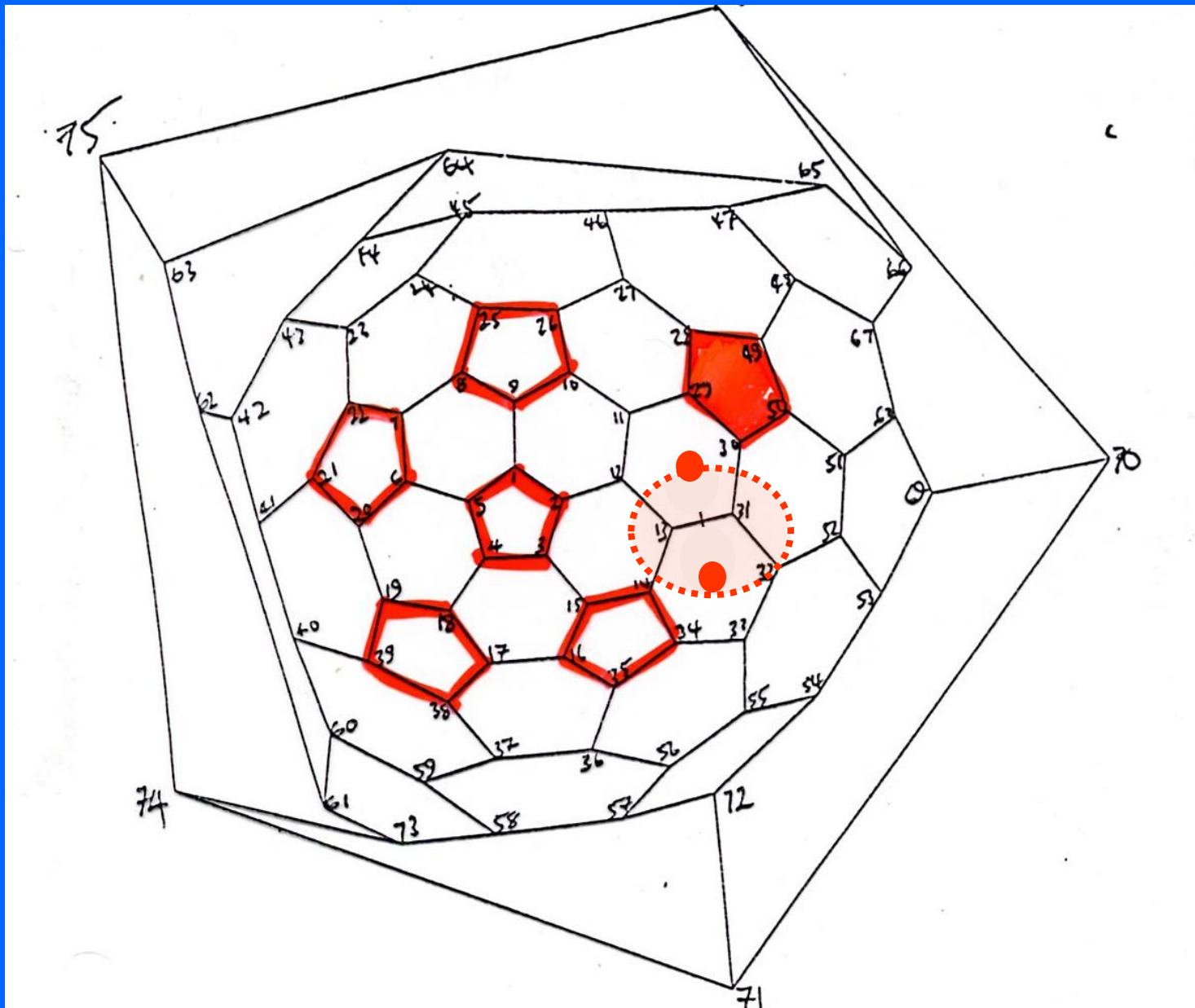
Stabilisation

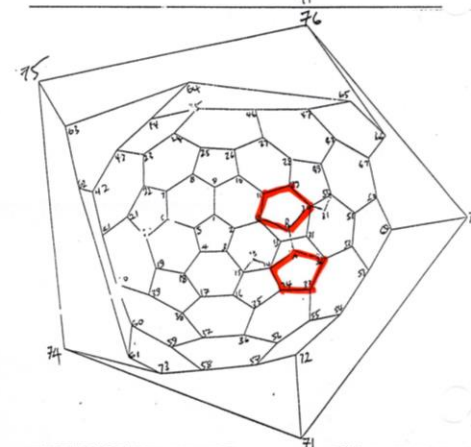
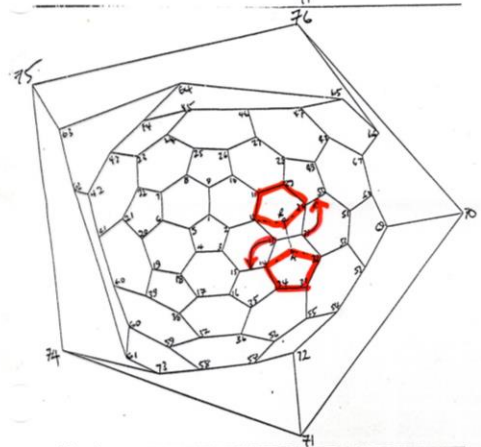
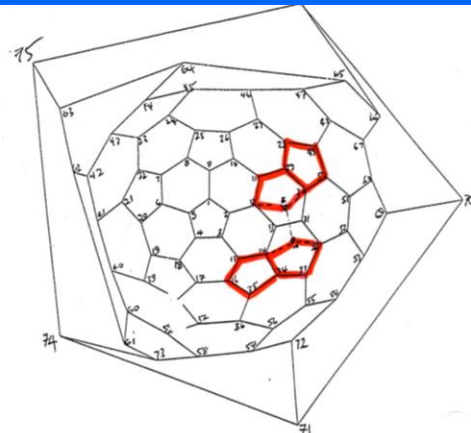
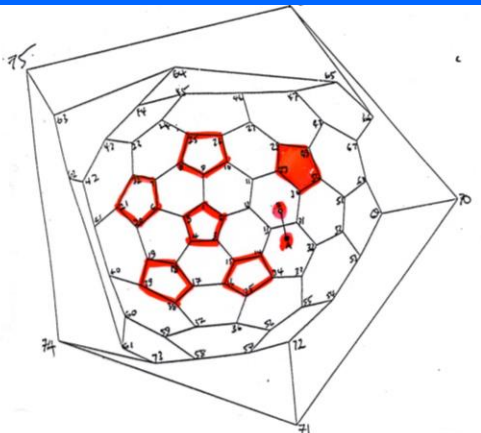


Cubism

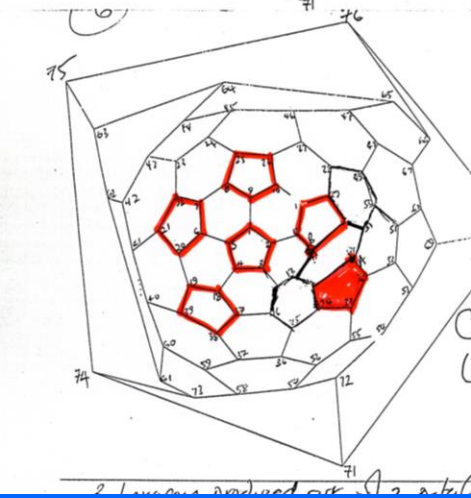
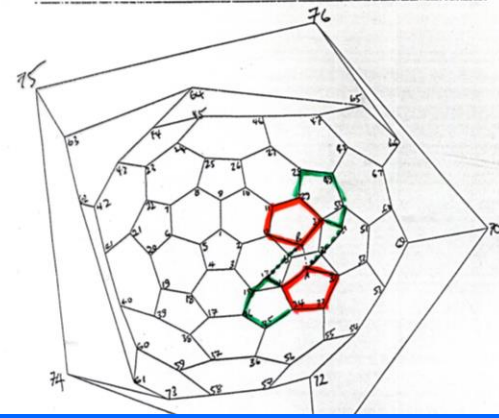








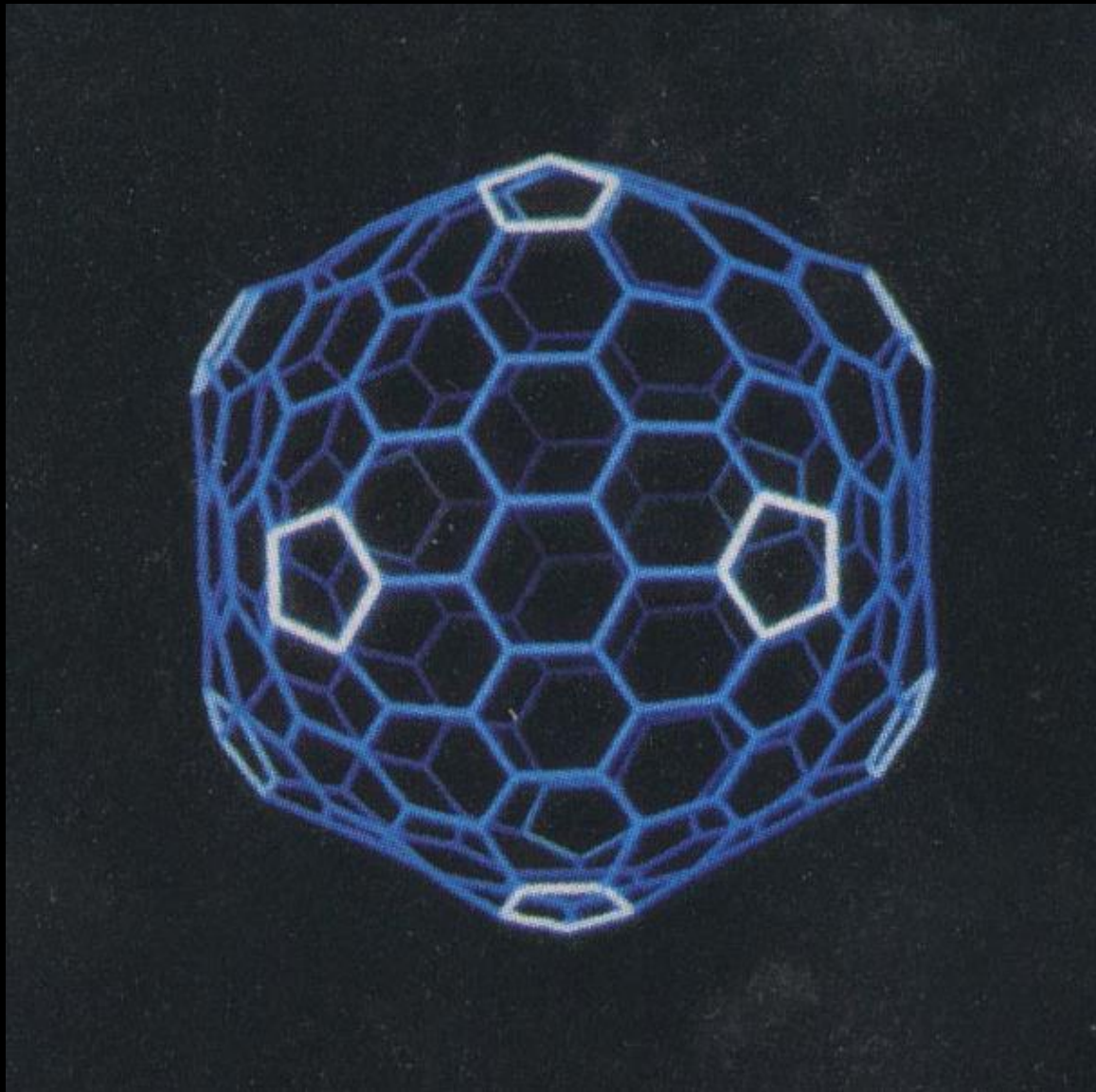
(4)
 C₇₆: D₂-
 QUANTA plot created on Tue Nov 9 1993 16:11:24 by user: bettina



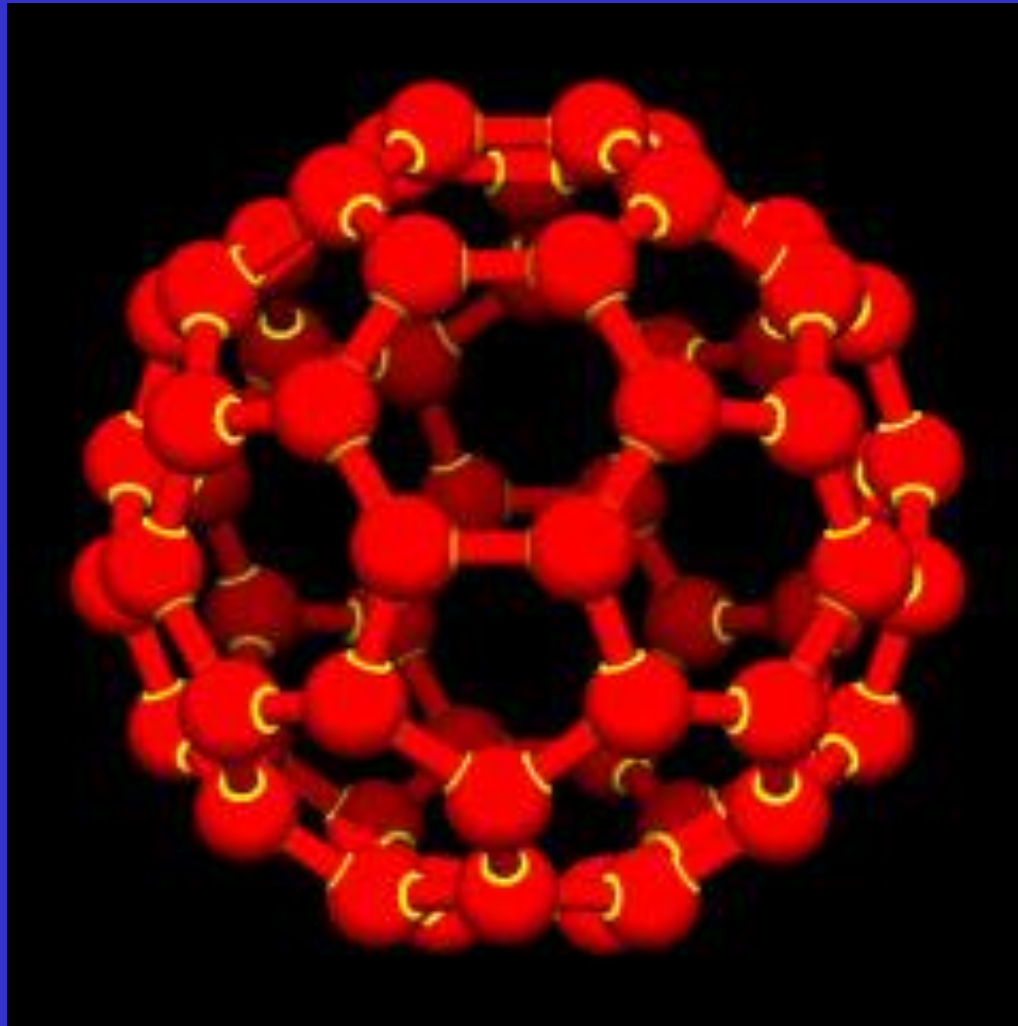
2 hexagons produced out of 12 pentag



Nude Descending a Staircase - Duchamp



The Giant Fullerenes



BuckyWorld





www.vega.org.uk

