

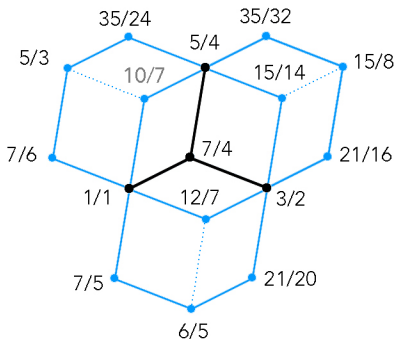
A Harmonic Fulcrum is a diamond-like structure centred on a harmonic *chord* or *set* in contrast to the standard single tone used in a traditional diamond. The chord or set in the centre of the structure serves as a pivot around which comparable sets are rotated. These sets are generated from the same factors such as CPS structures.

The Harmonic Fulcrum is in a sense a complement to the stellate. In a stellate structure, the incomplete harmonic (and subharmonic) sets of a CPS are completed. In comparison, the CPS set of the Harmonic Fulcrum is modulated so that each of the incomplete sets overlaps upon a single chord.

The simplest example is the Tetradic Harmonic Fulcrum.

This is where a single tetrad serves as the intersection point of 4 Hexanies, with each Hexany having 3 tones in common with the tetrad. The Pentadic version involves a single pentad on which 5 Dekanies are modulated so that each one has a different tetrad overlapping on the fulcrum pentad. The Hexadic Harmonic Fulcrum encompasses 20 Eikosanies, each modulated so that a different tetrad overlaps with a chosen fulcrum hexad. And so on.

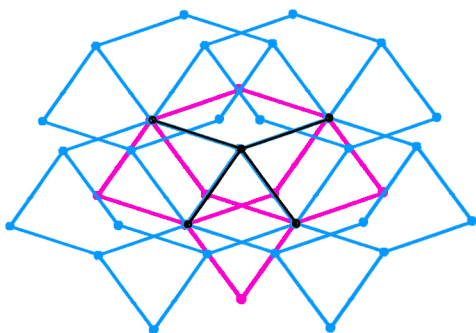
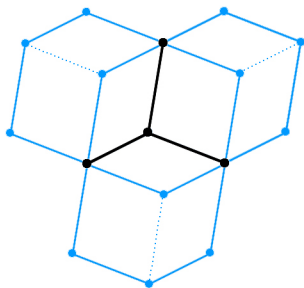
1/1
 21/20
 15/14
 35/32
 7/6
 6/5
 5/4*
 21/16
 7/5
 10/7
 35/24
 3/2
 5/3
 12/7
 7/4*
 15/8
 2/1



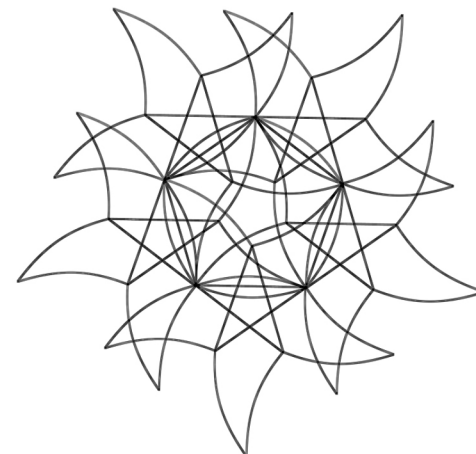
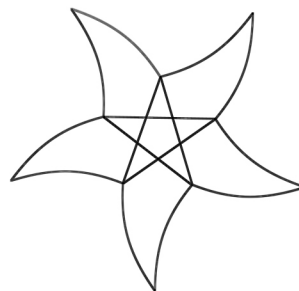
1-3-5-7 HARMONIC FULCRUM

K. GRADY 25/6/17

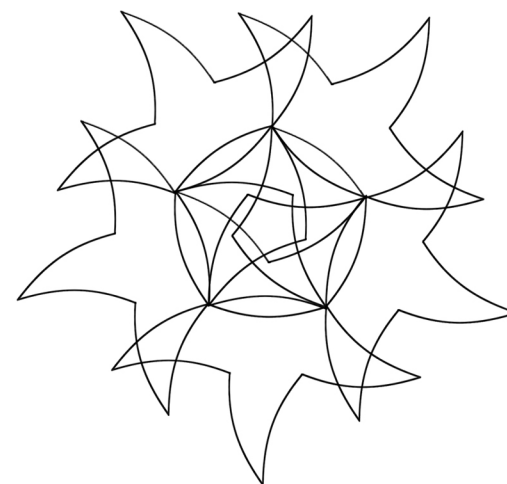
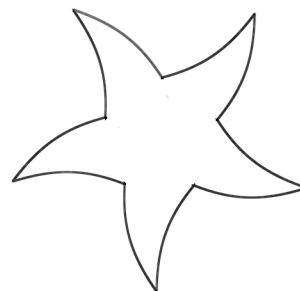
Tetradric



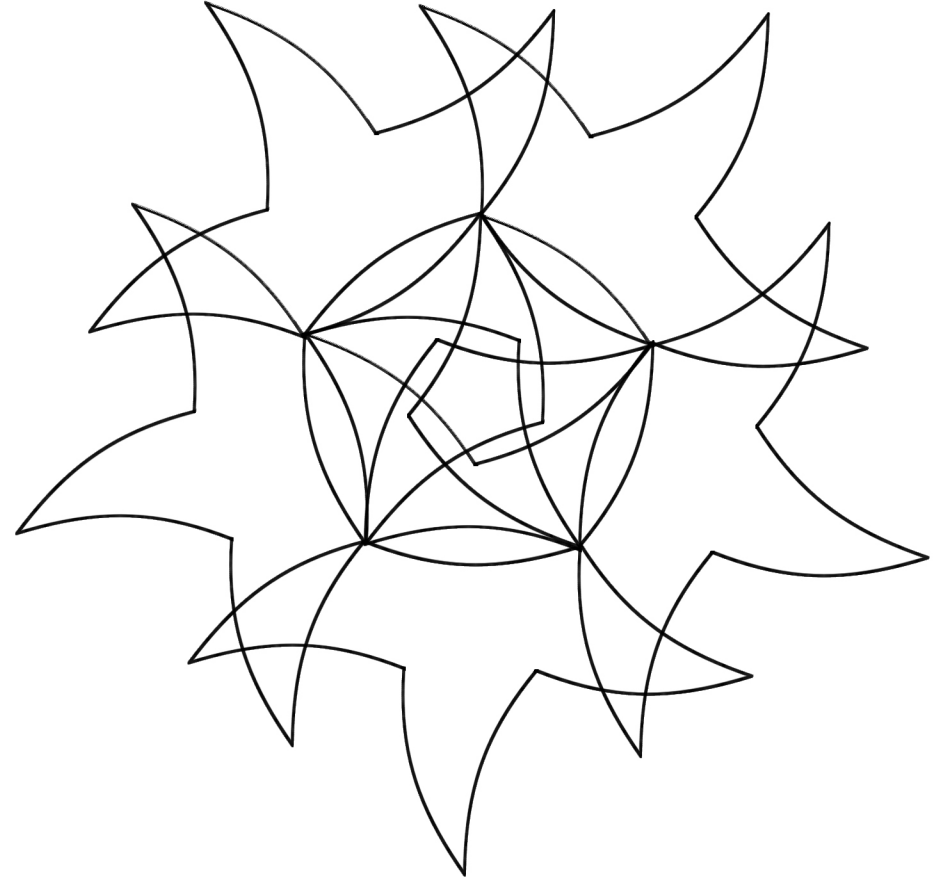
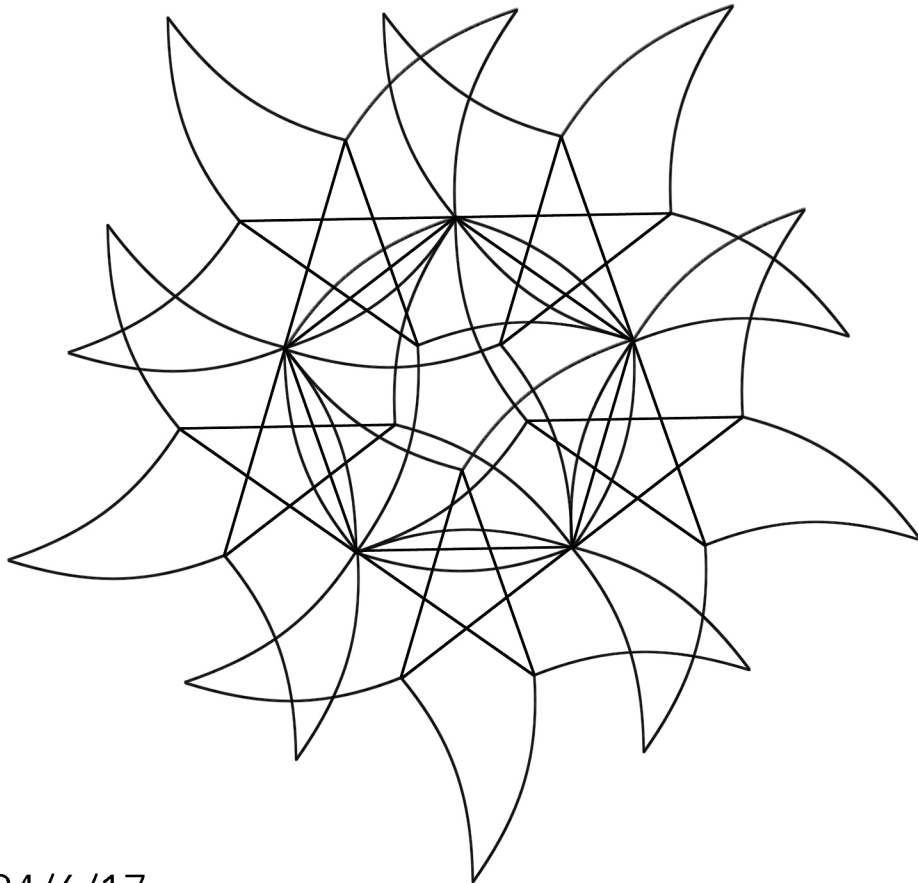
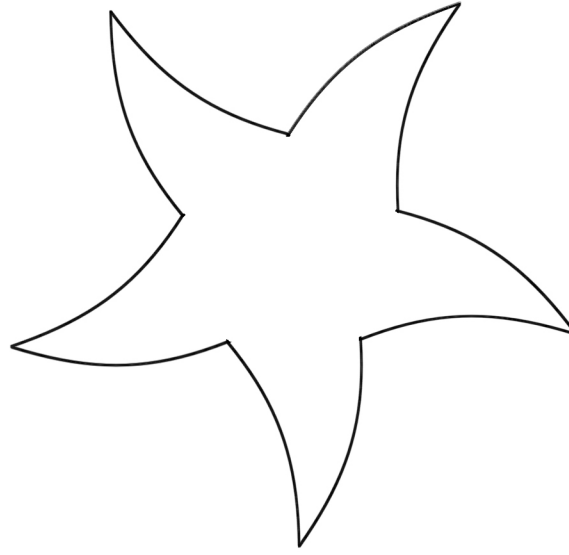
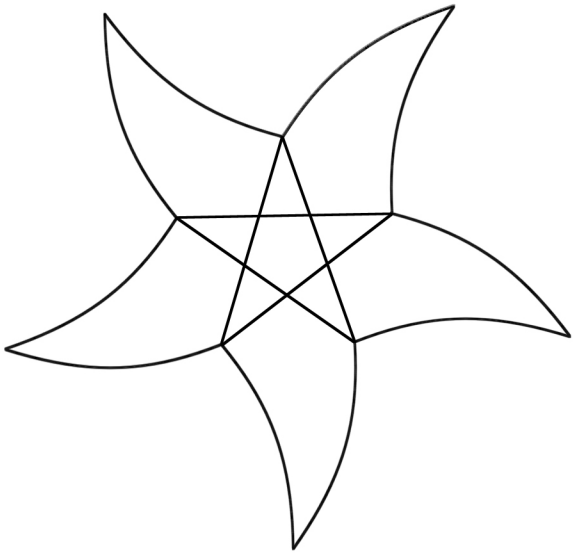
Harmonic Fulcrums

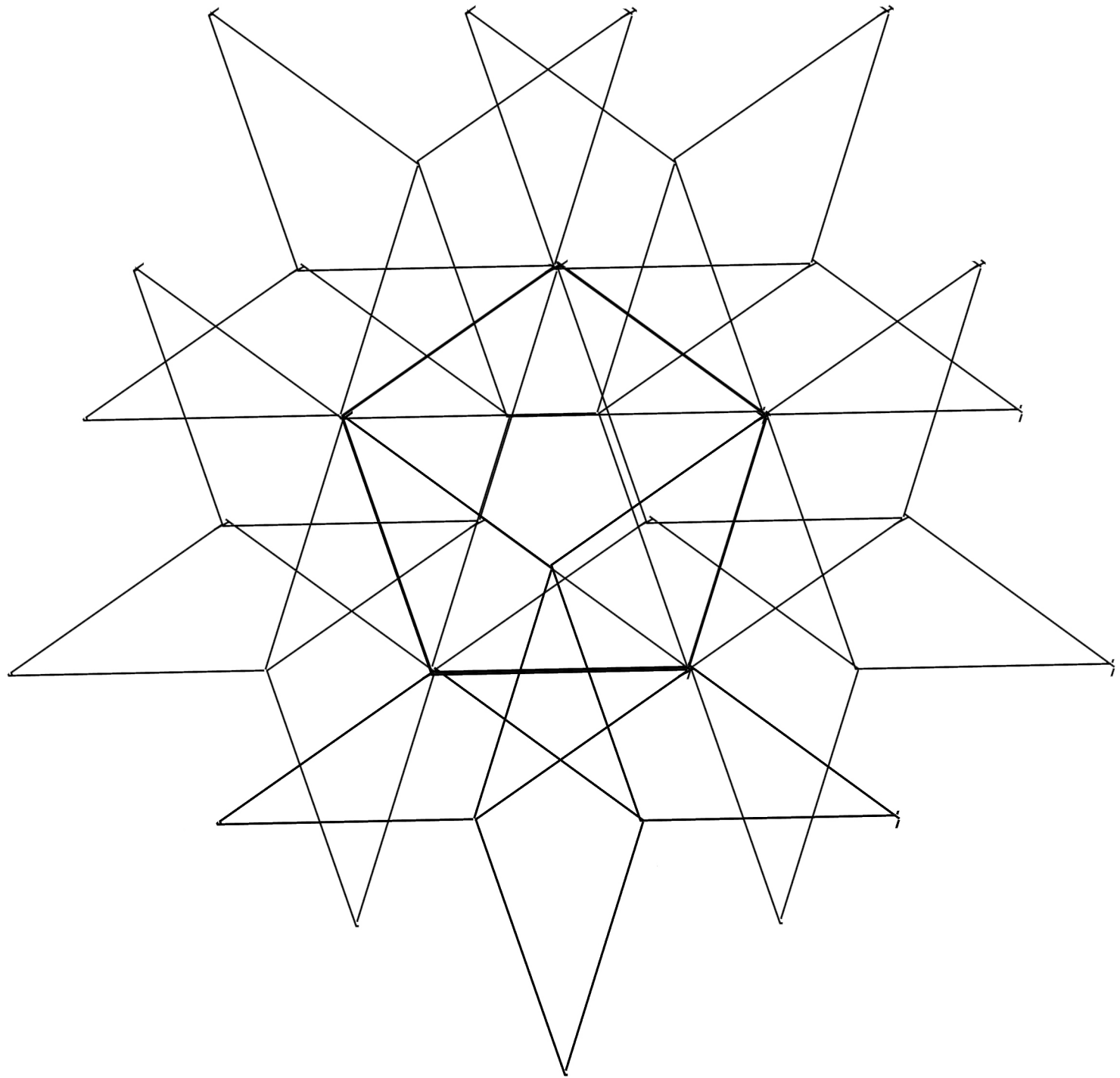


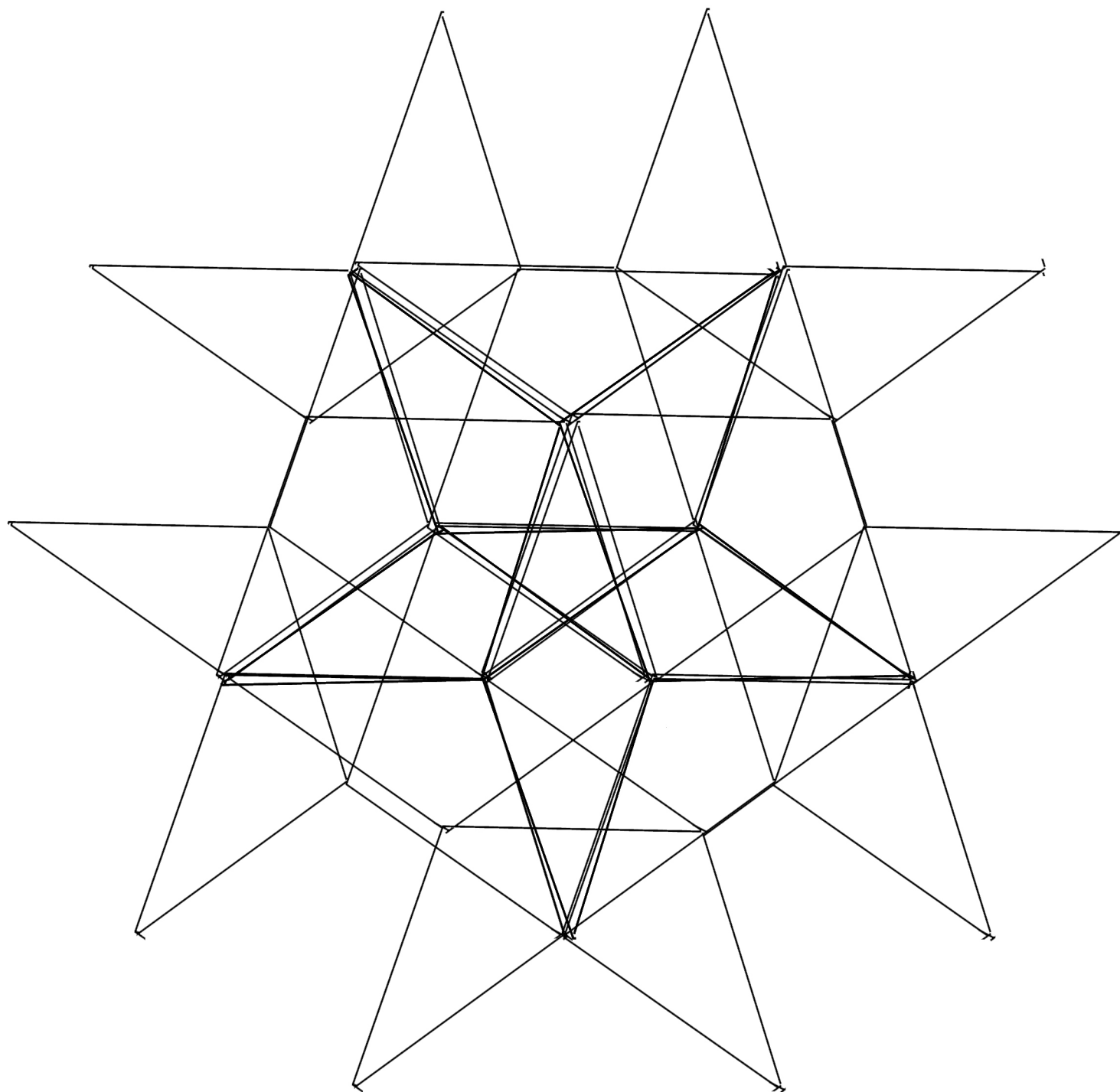
3 different Pentadic



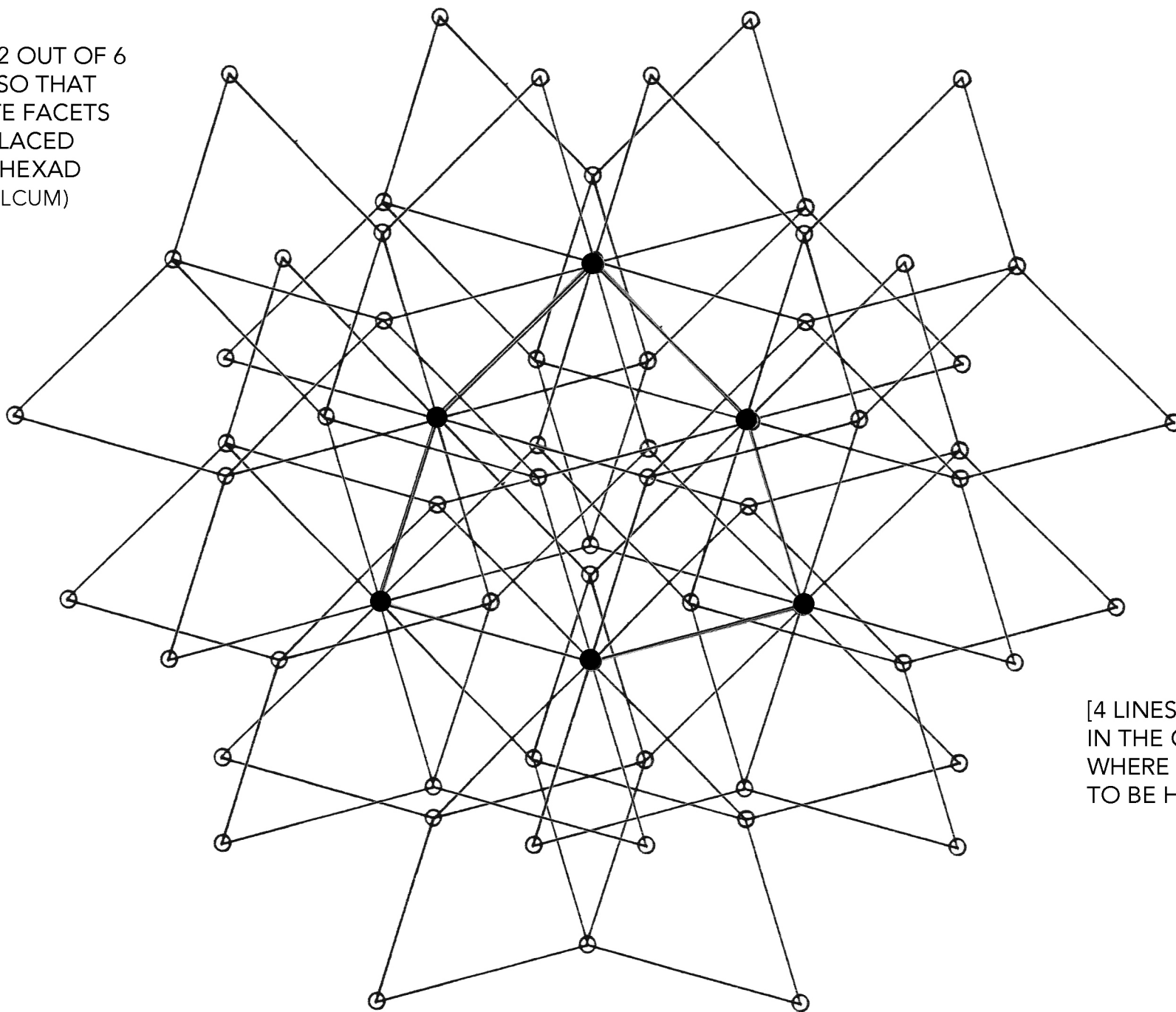
two lattice versions
of a harmonic
fulcrum







ROTATING THE 2 OUT OF 6
SO THAT EACH SO THAT
EACH FIVE NOTE FACETS
POSSIBLE ARE PLACED
OVER A SINGLE HEXAD
(= HARMONIC FULCUM)



[4 LINES OVERLAP
IN THE CENTER
WHERE THEY APPEARED
TO BE HALF THE LENGTH]