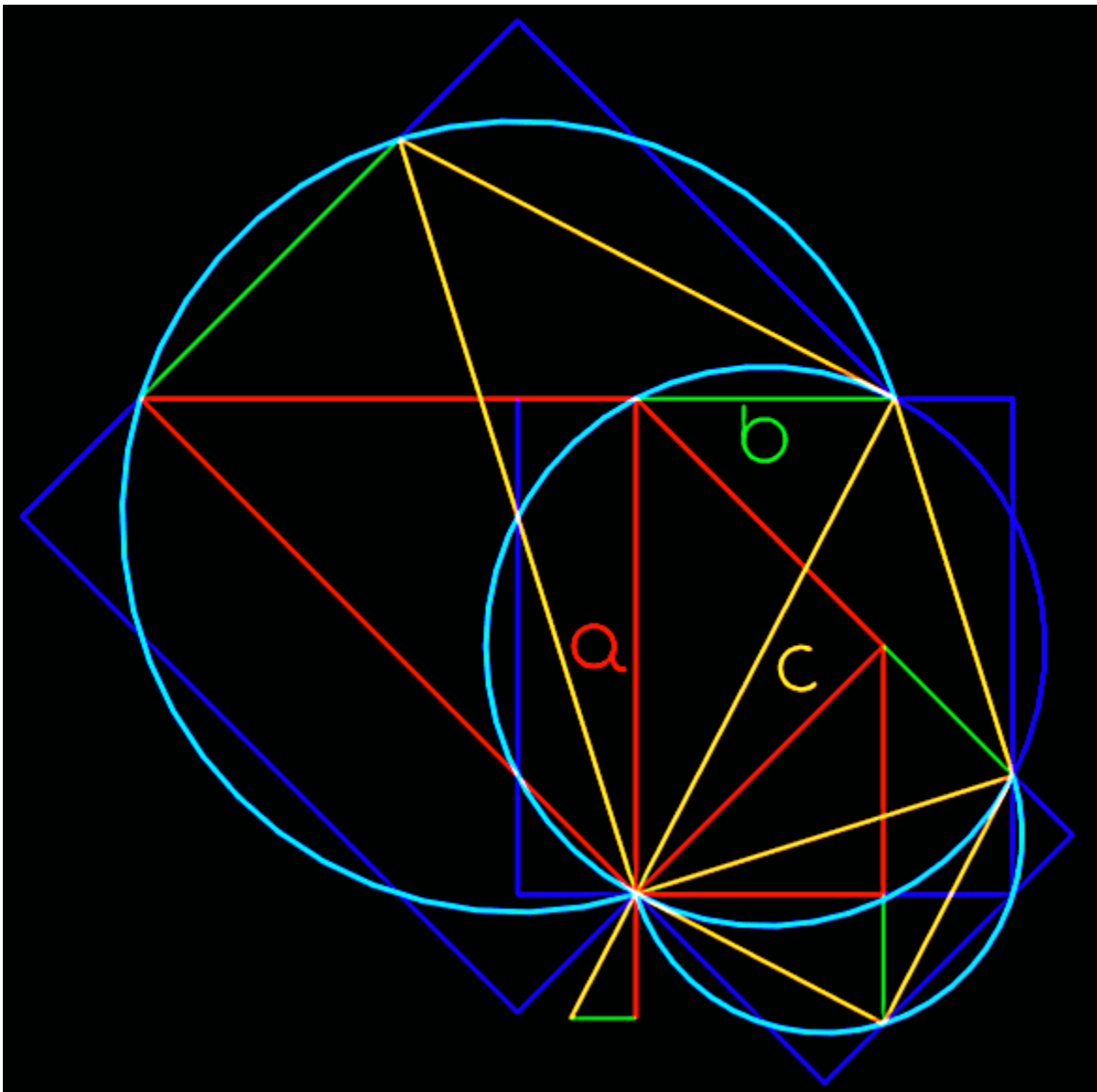


The Right Triangle



Line length ratios:

$$a/b = 1.9130583802711007947403078280203..$$

$$c/a = 1.1283791670955125738961589031215..$$

$$= 2/\sqrt{\pi} = \sqrt{\pi}/(\pi/2) = 2(\sqrt{1/\pi})$$

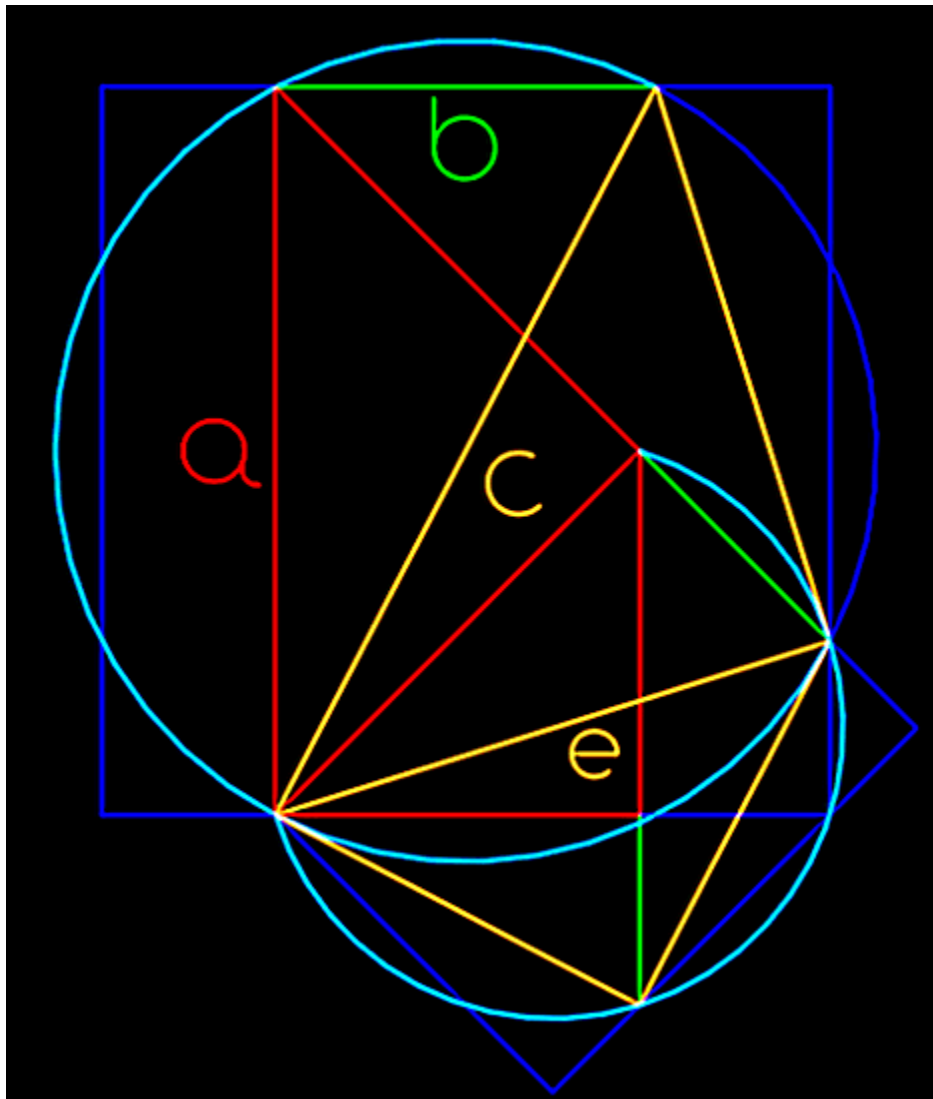
Sqrt(2) within Pi: $\sqrt{\pi/2} \times \sqrt{\pi}/(\pi/2)$

$$= 1.2533141373155002512078826424055..$$

$$\times 1.1283791670955125738961589031215..$$

$$= 1.4142135623730950488016887242097..$$

ace ... in the hole



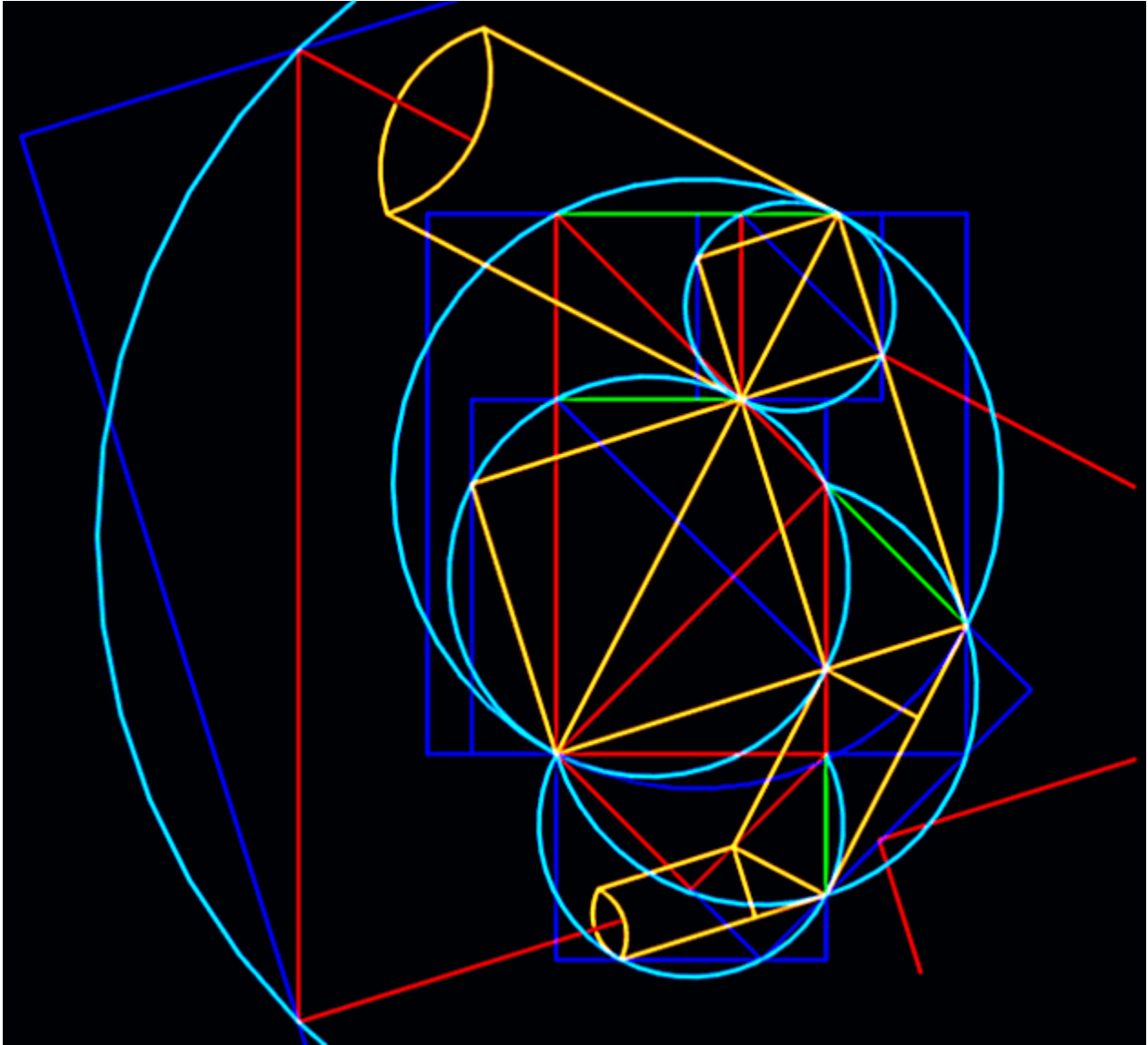
$$c/a = 1.1283791670955125738961589031215..$$

$$= 2/\sqrt{\pi} = \sqrt{\pi}/(\pi/2) = 2(\sqrt{1/\pi})$$

$$a = e(\sqrt{\pi}/\sqrt{2}) = e(\sqrt{2})/(2/\sqrt{\pi})$$

The Right Ratios

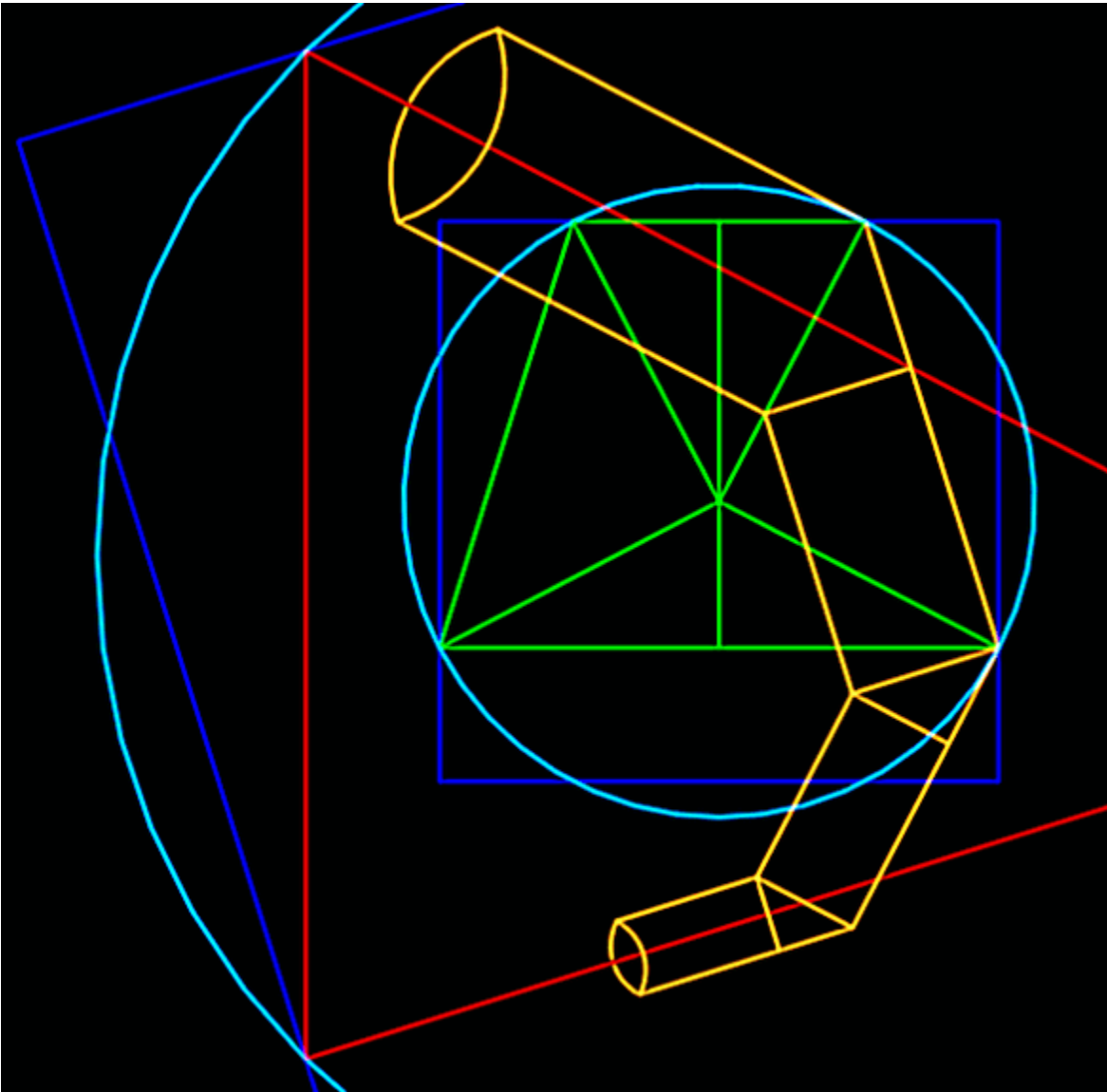
.. the portal is open ..



$$a/b = 1.9130583802711007947403078280203..$$
$$c/a = 1.1283791670955125738961589031215..$$

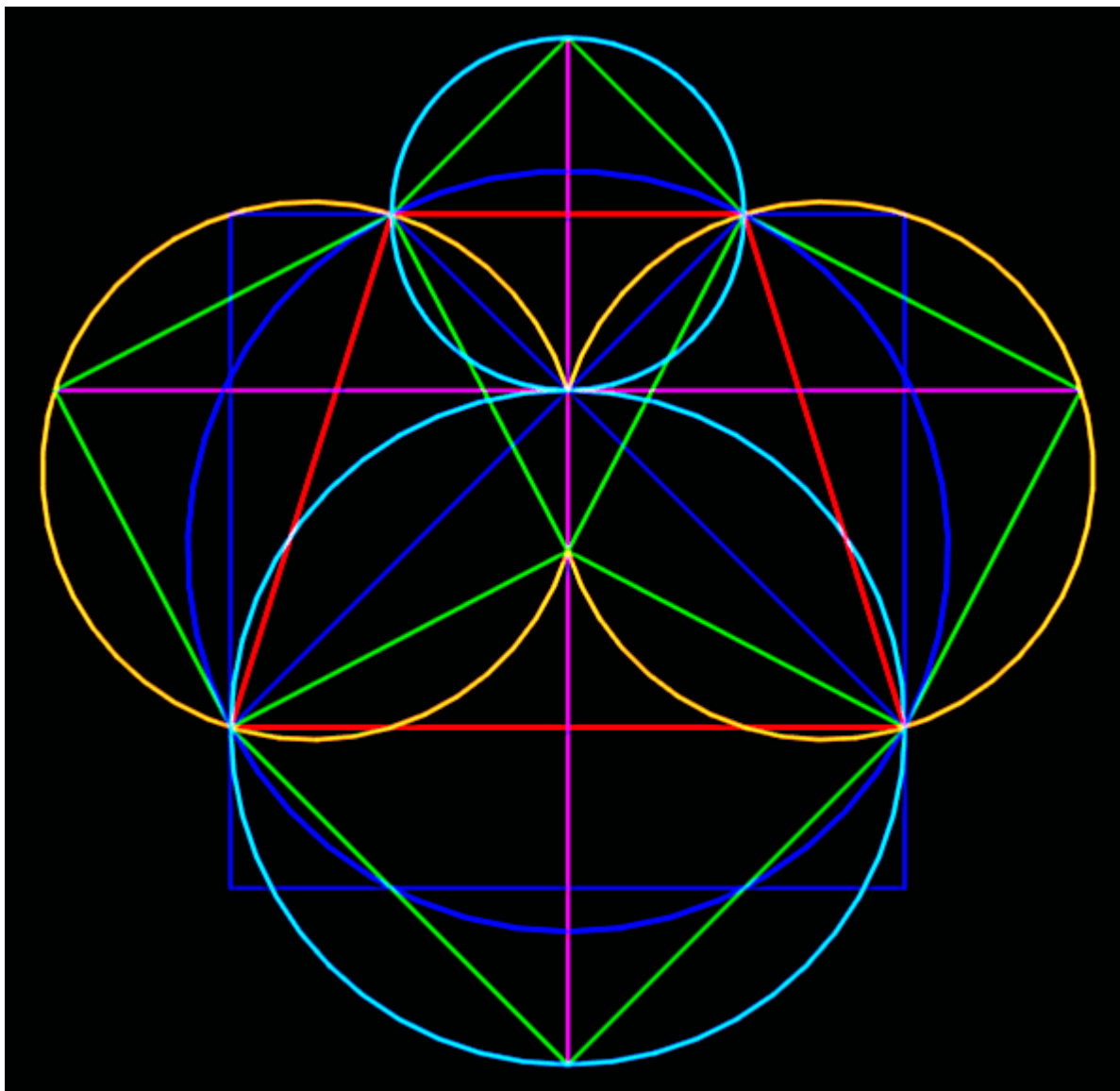
"Lines and triangles and squares, oh Pi !"

$$E = mc^2$$



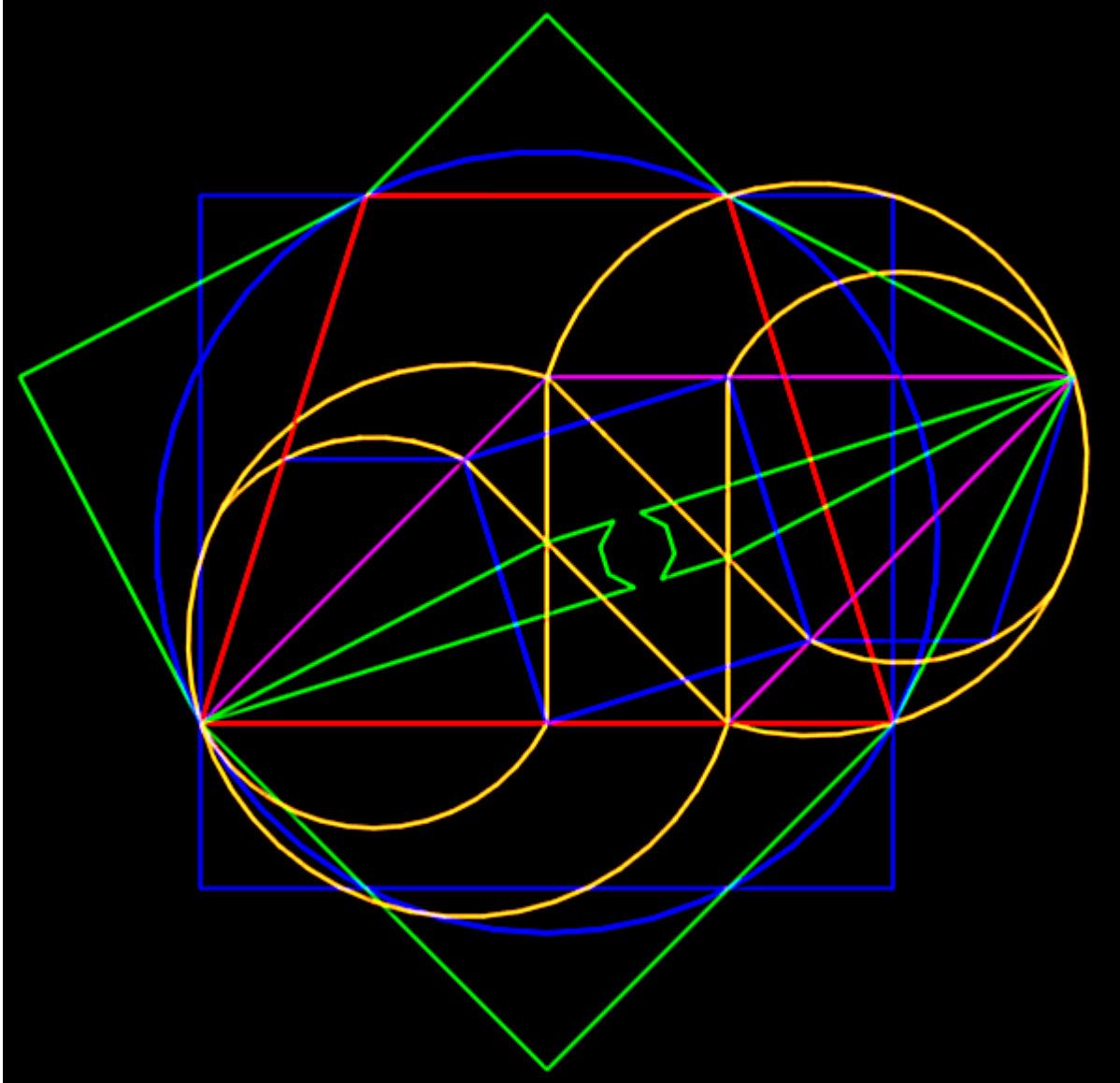
Evidence = morbus cyclometricus ... squared

Symmetry of mc^2



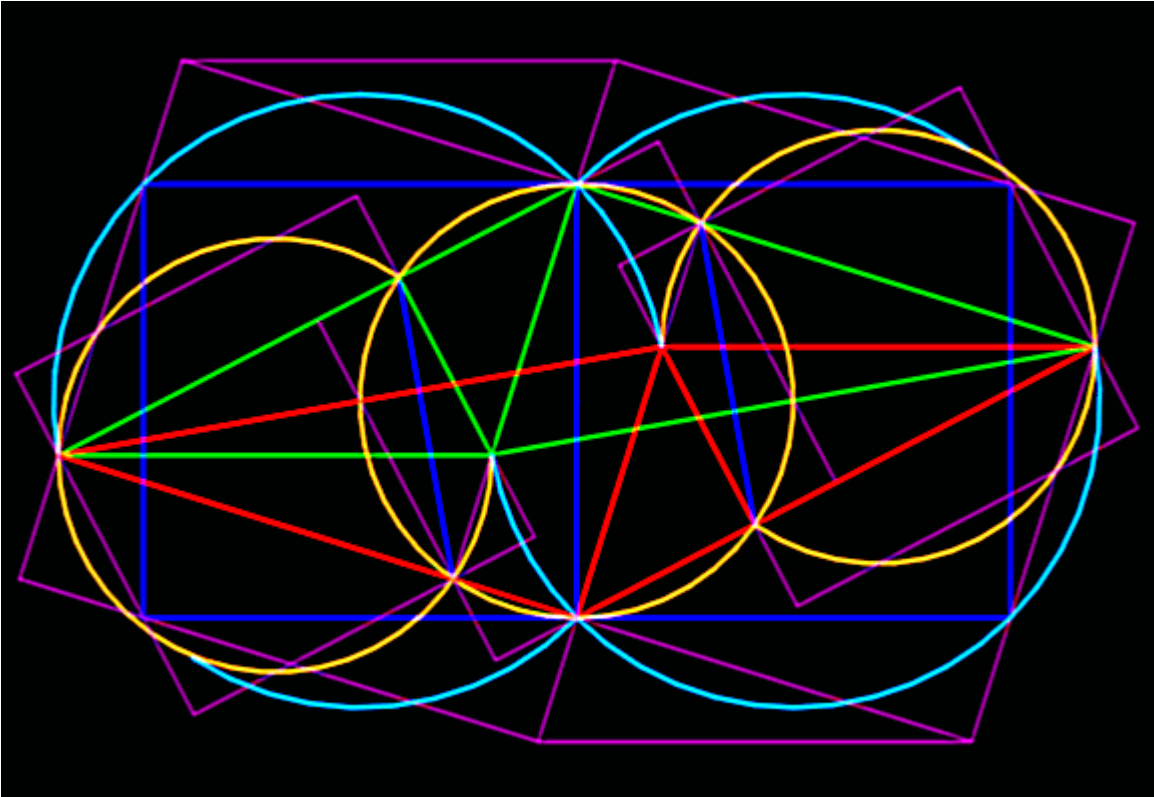
Evidence of sanitas cyclometricus

Caliperfection Quietus



When $D = 2$, what else is new
with "impossible" quadrature
and trapezoids askew, part
square of 1 amidst D^2 ?

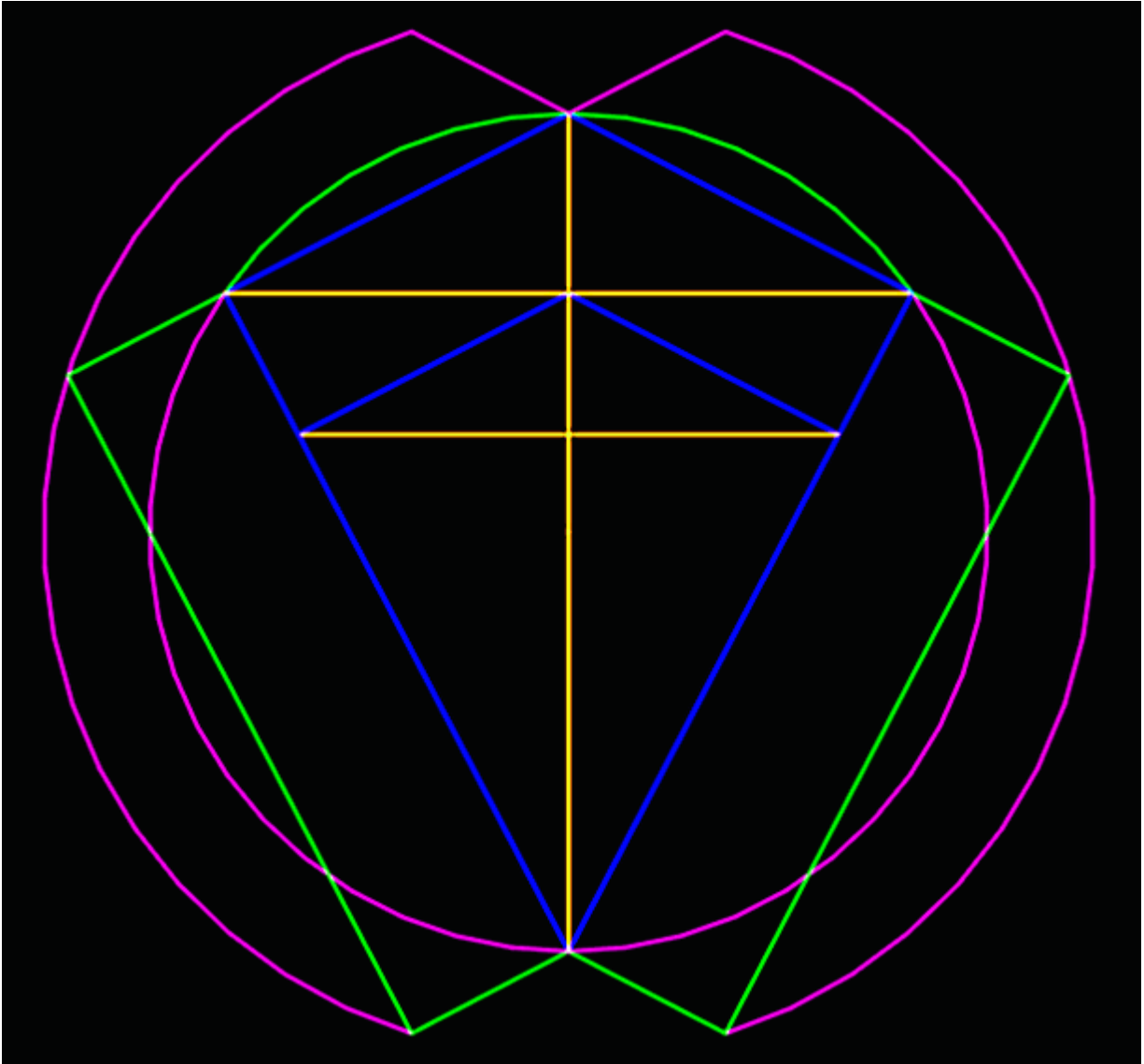
Locksss Pi



Replication Integration Perturbation (RIP)

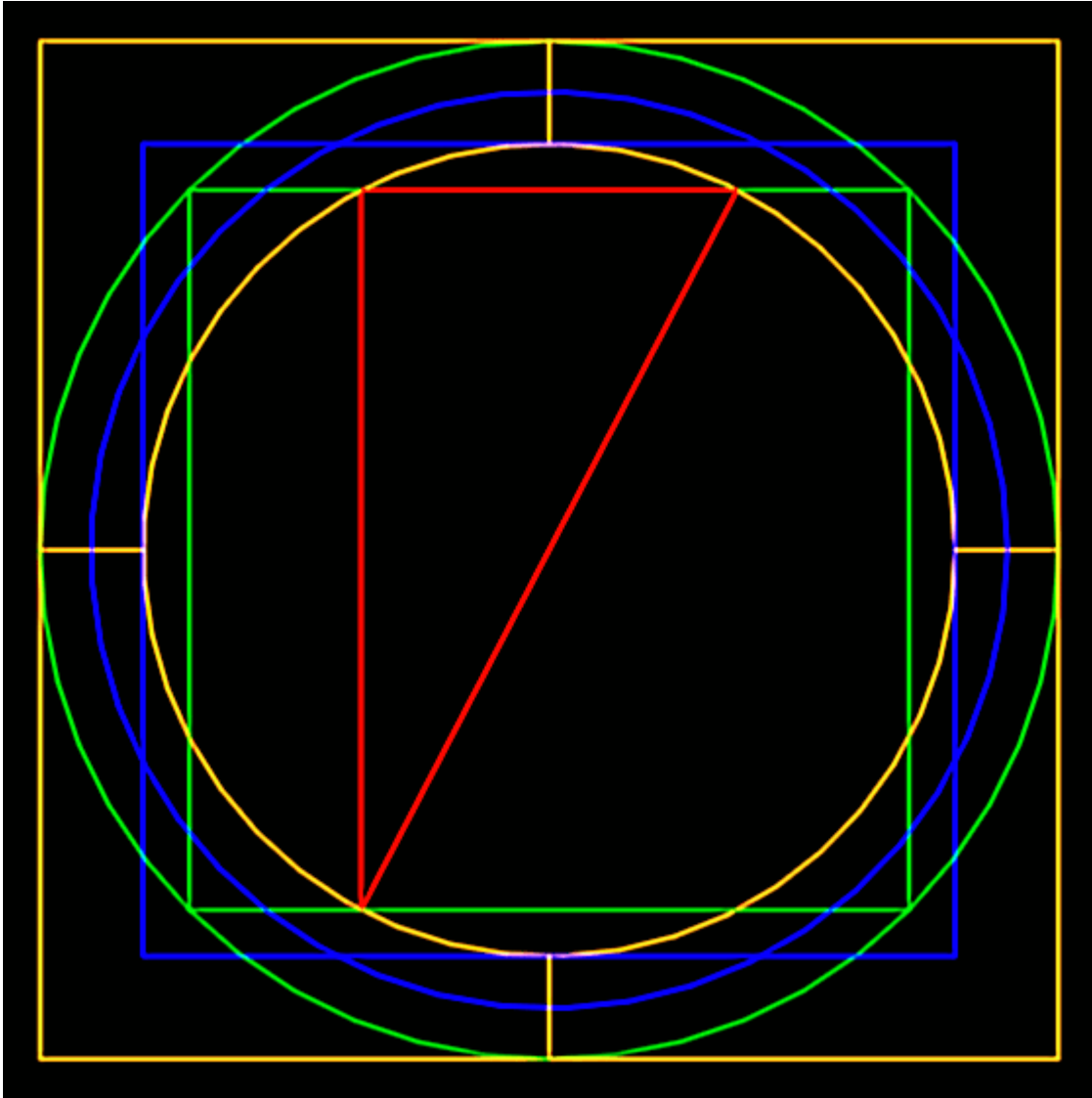
“Is the circle squared?” is so last century!
Today, geometers ask “Is the circle cubed?”

Cross of Gaia



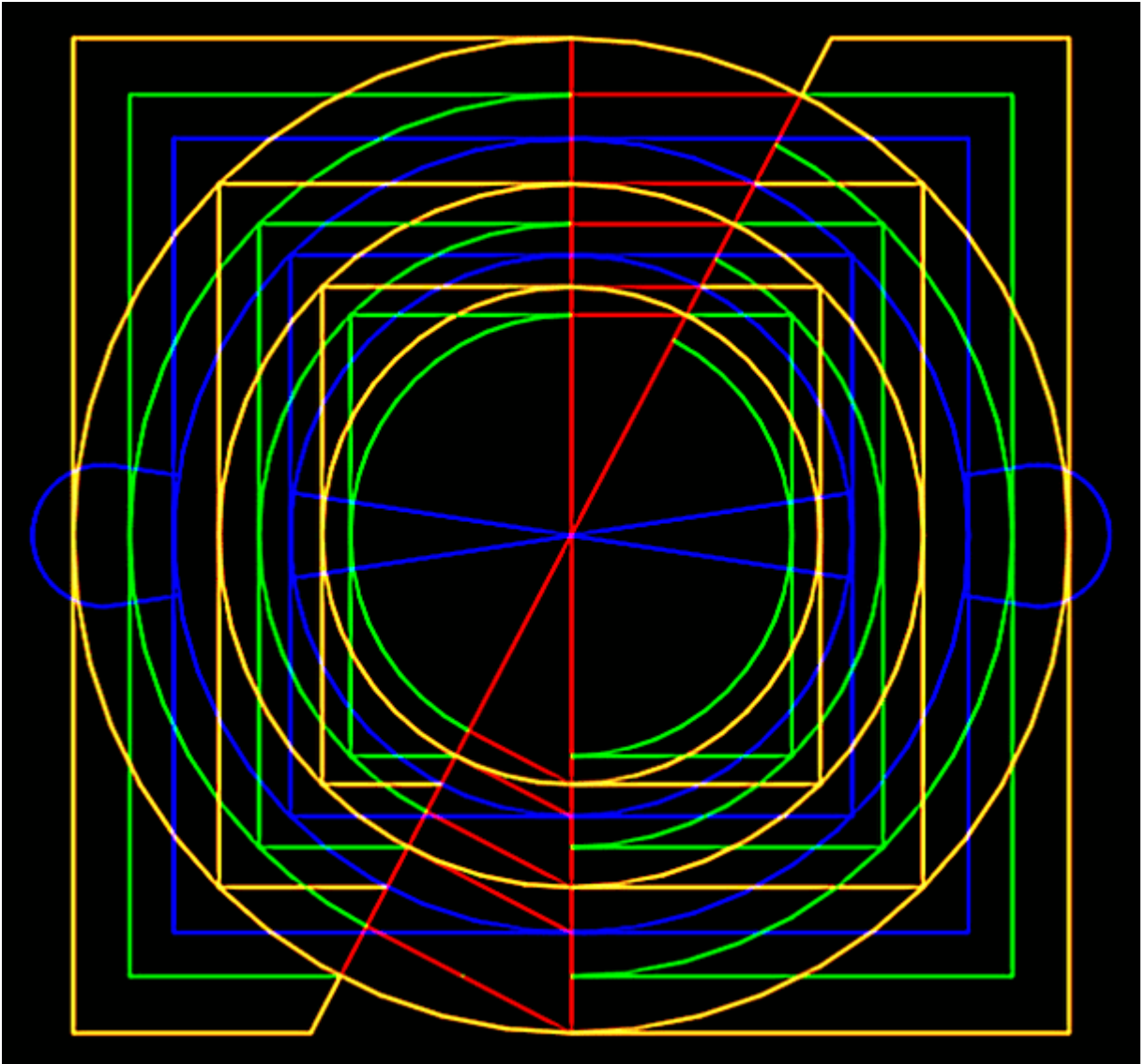
$$\begin{aligned} 2(\sqrt{1/\pi}) &= \sqrt{\pi}/(\pi/2) \\ &= 1.12837916709551257.. \end{aligned}$$

Locksss Pi222



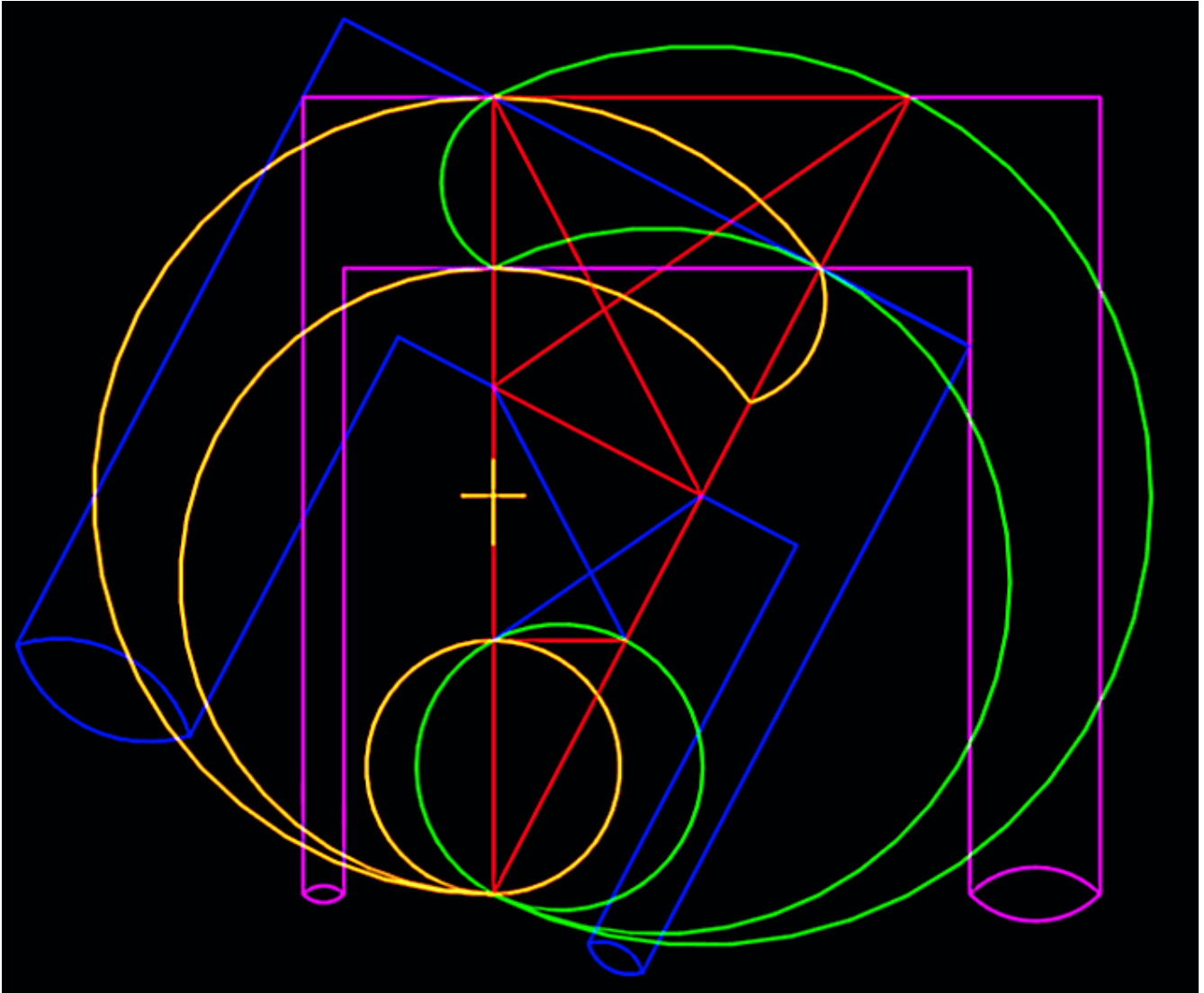
Who knew?! Pi is evenly divisible by sqrt(2)!

P.S.



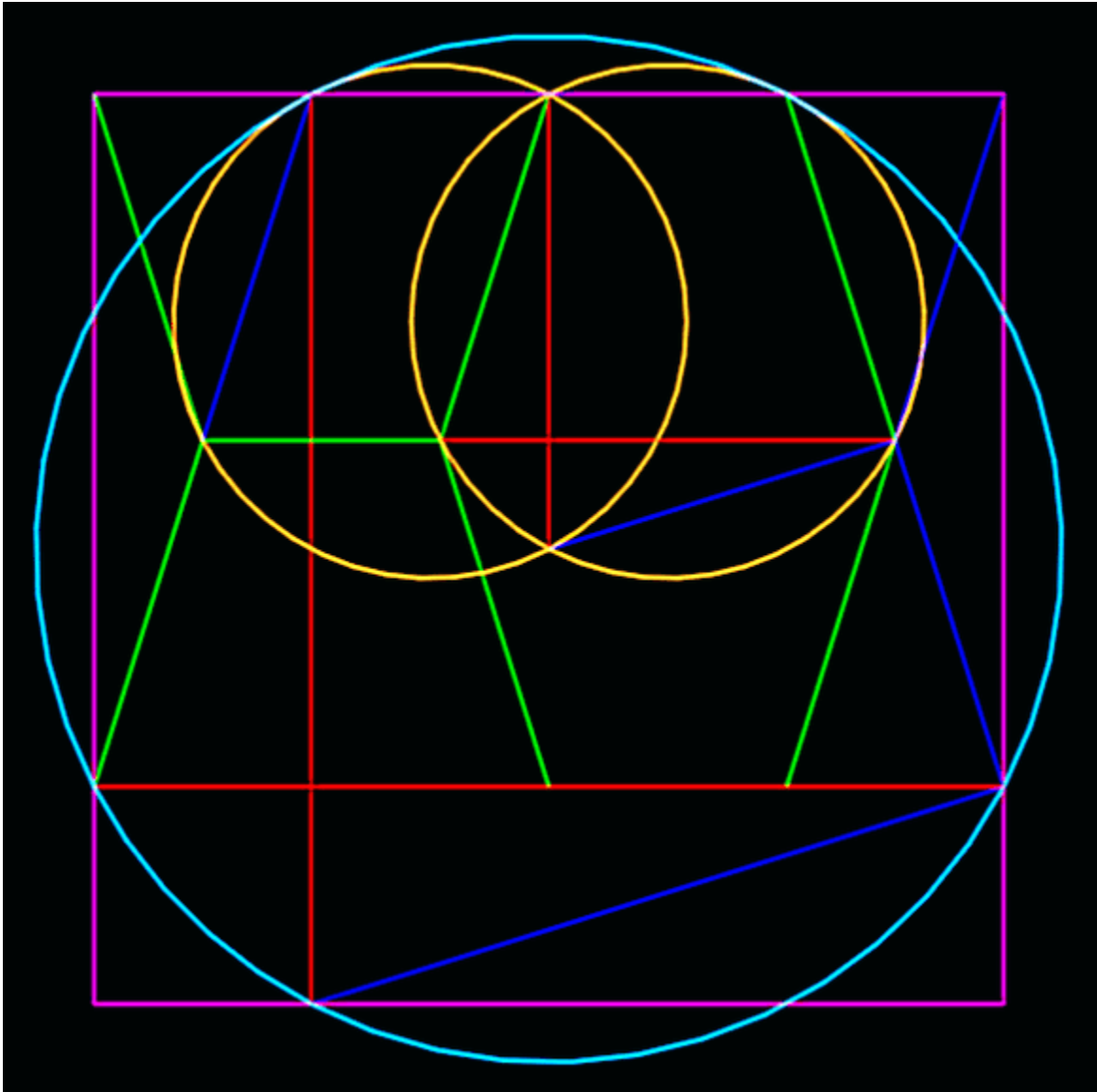
When squared circle geometry speaks for itself
with puissant symmetry, pattern, and $\sqrt{2}$;
all finessed by 2.0, $\sqrt{\pi}$, and $\pi/2$.

TriPhi Pi



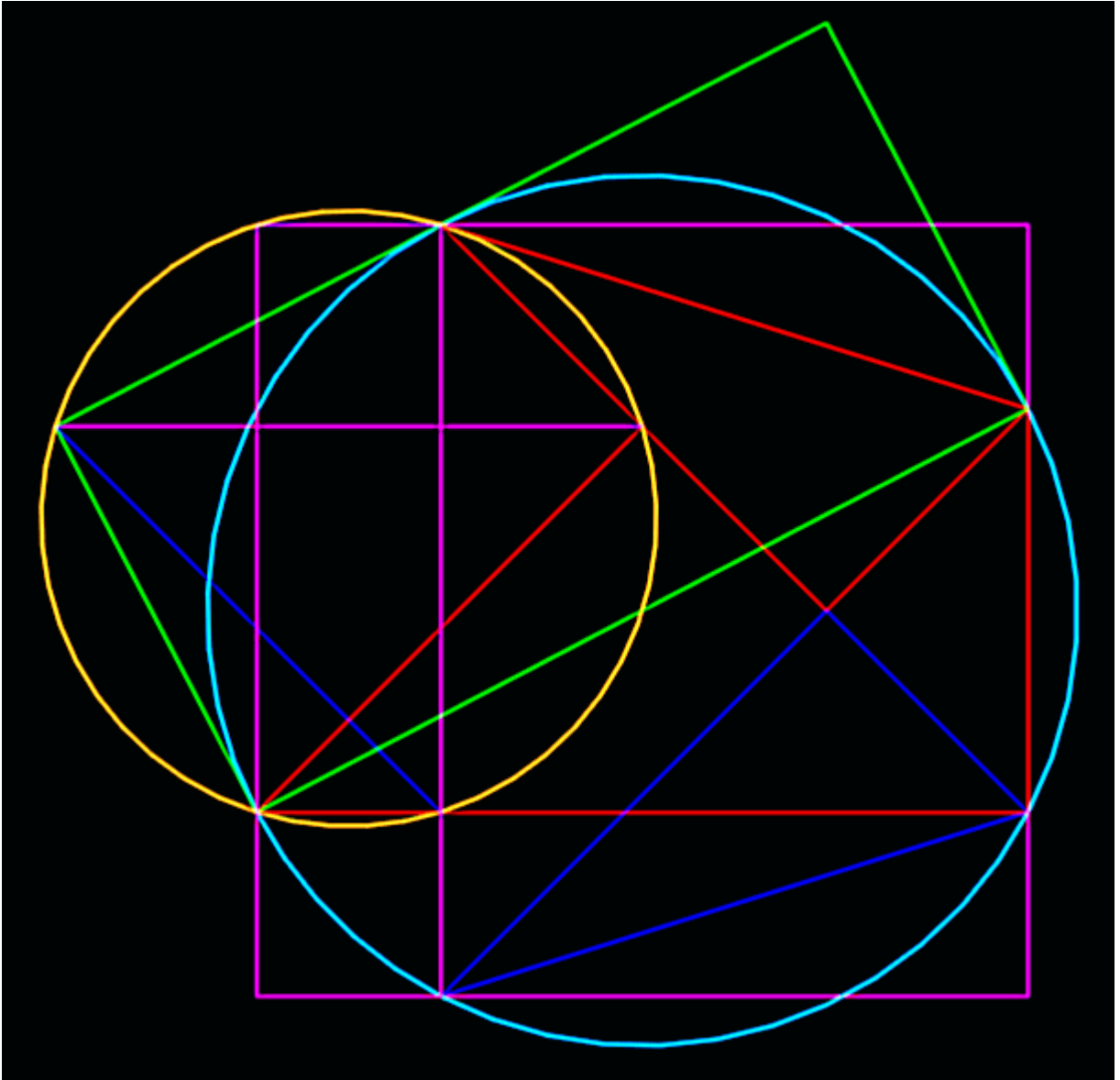
For $D = 4(\sqrt{1/\pi}), 2.0, \sqrt{\pi}$
SoCS = $2.0, \sqrt{\pi}, \pi/2$

Power of 2



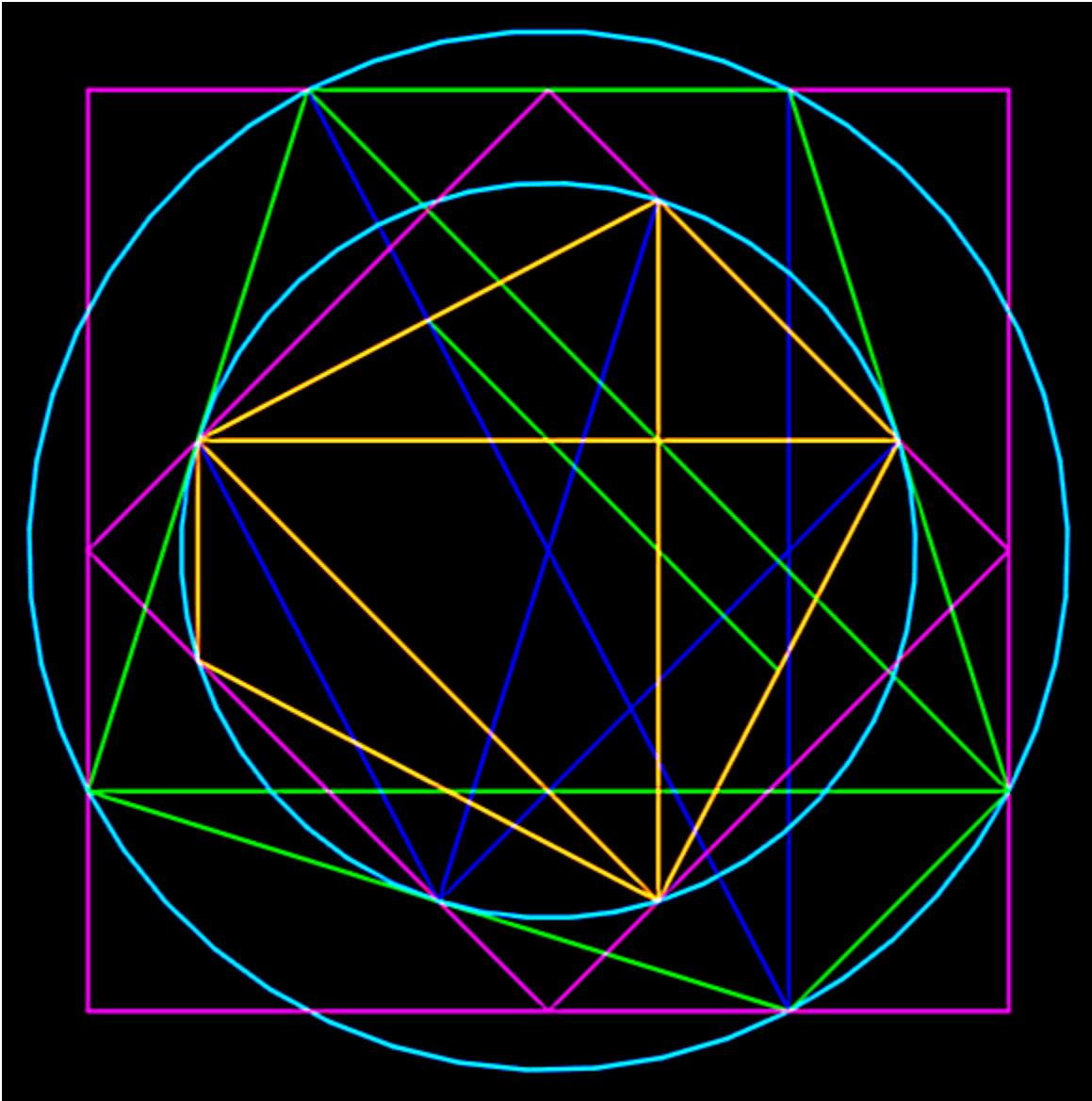
“Wherever two or more are gathered ...”

Power of 2 II



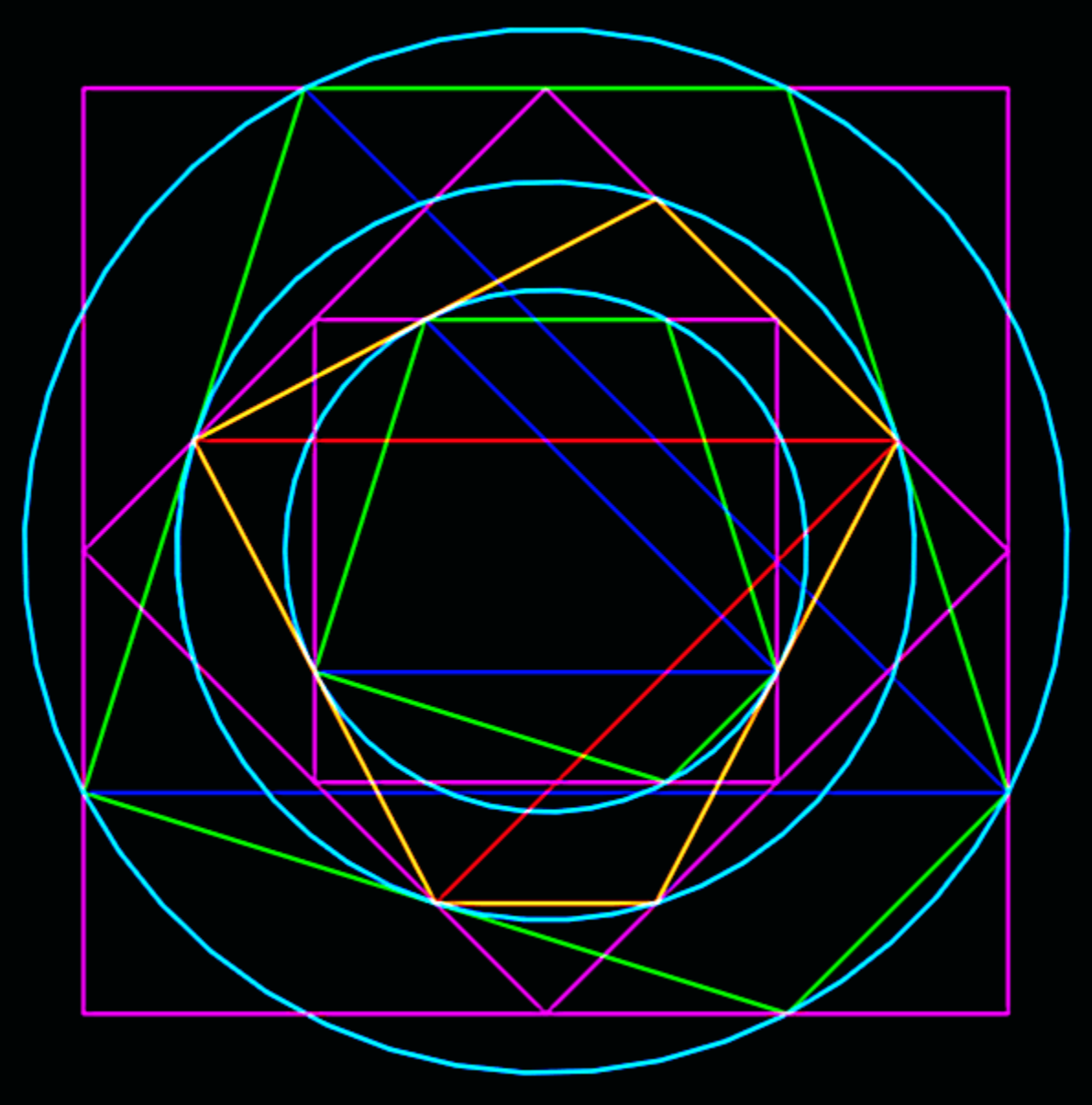
Integration of two sets of circle-squaring scalene and right triangles, with $\sqrt{2}$ defining their dimensional differences.

iCorrelation



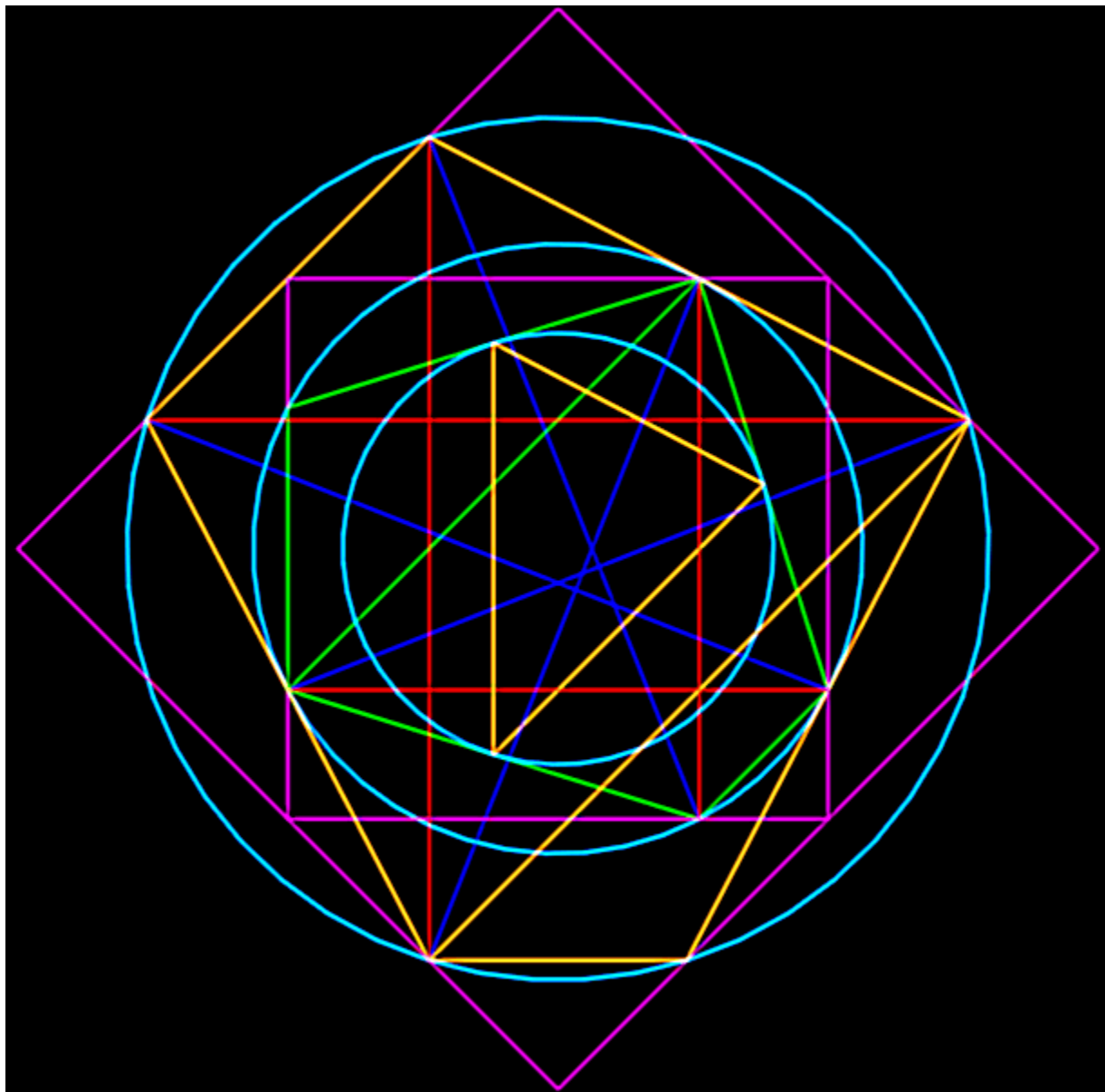
**Cartesian quadrature extraordinaire!
... upon a CSC geometric foundation.**

Concentric Too



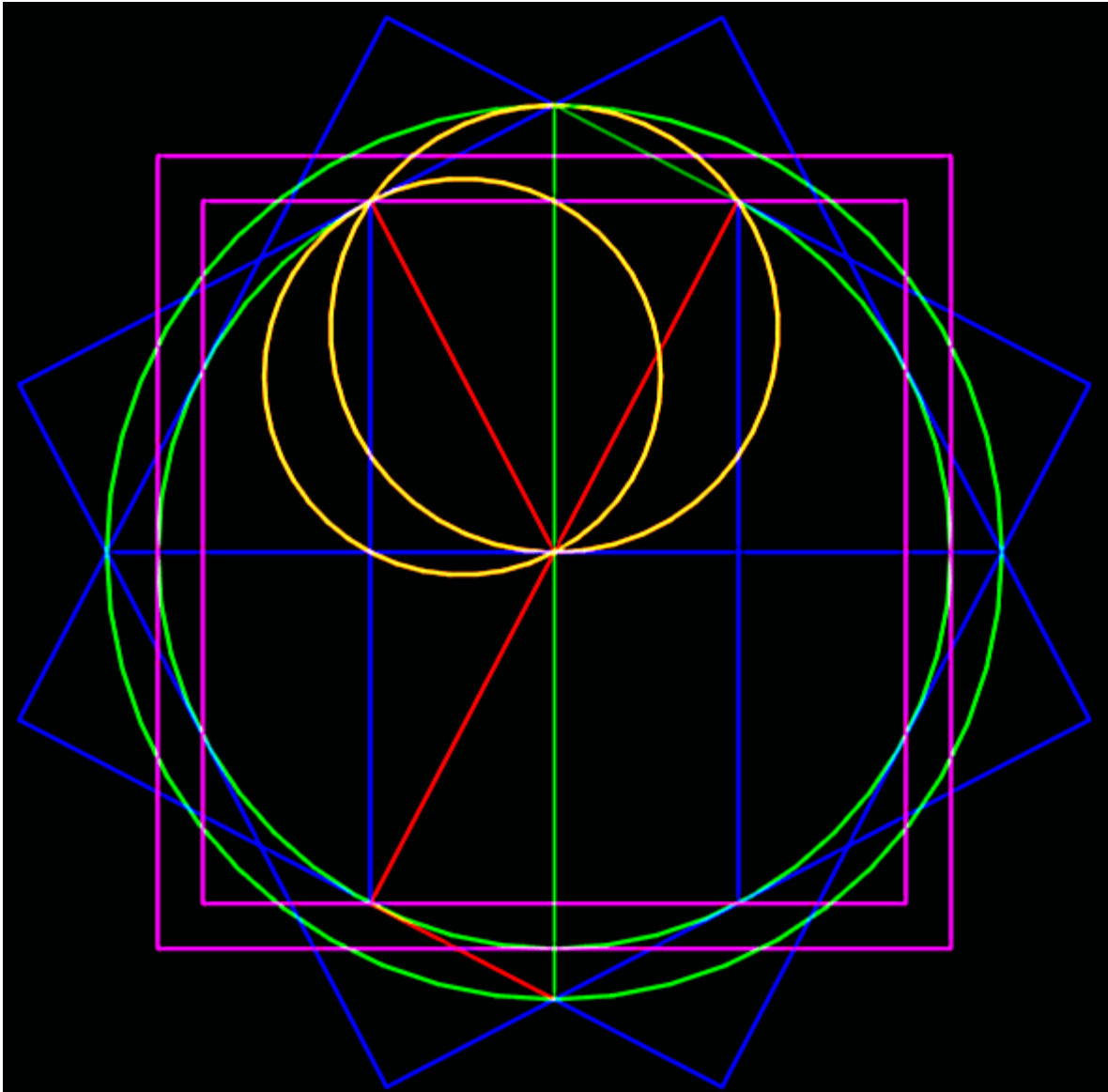
CSCSC (long story short)

CSCSCalenity



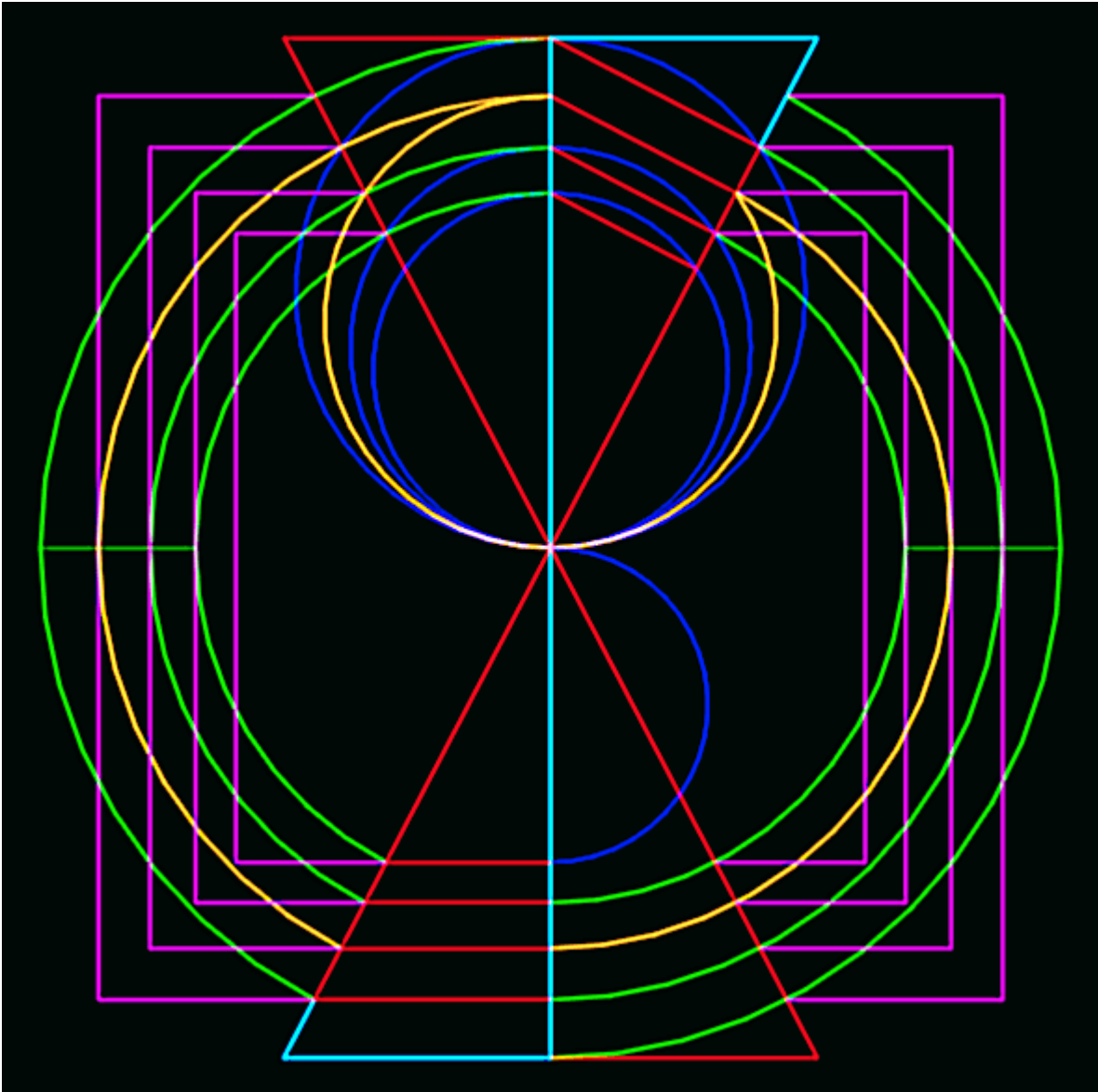
Geometric quiescence in the Pi Corral

Pi Double Quadrature



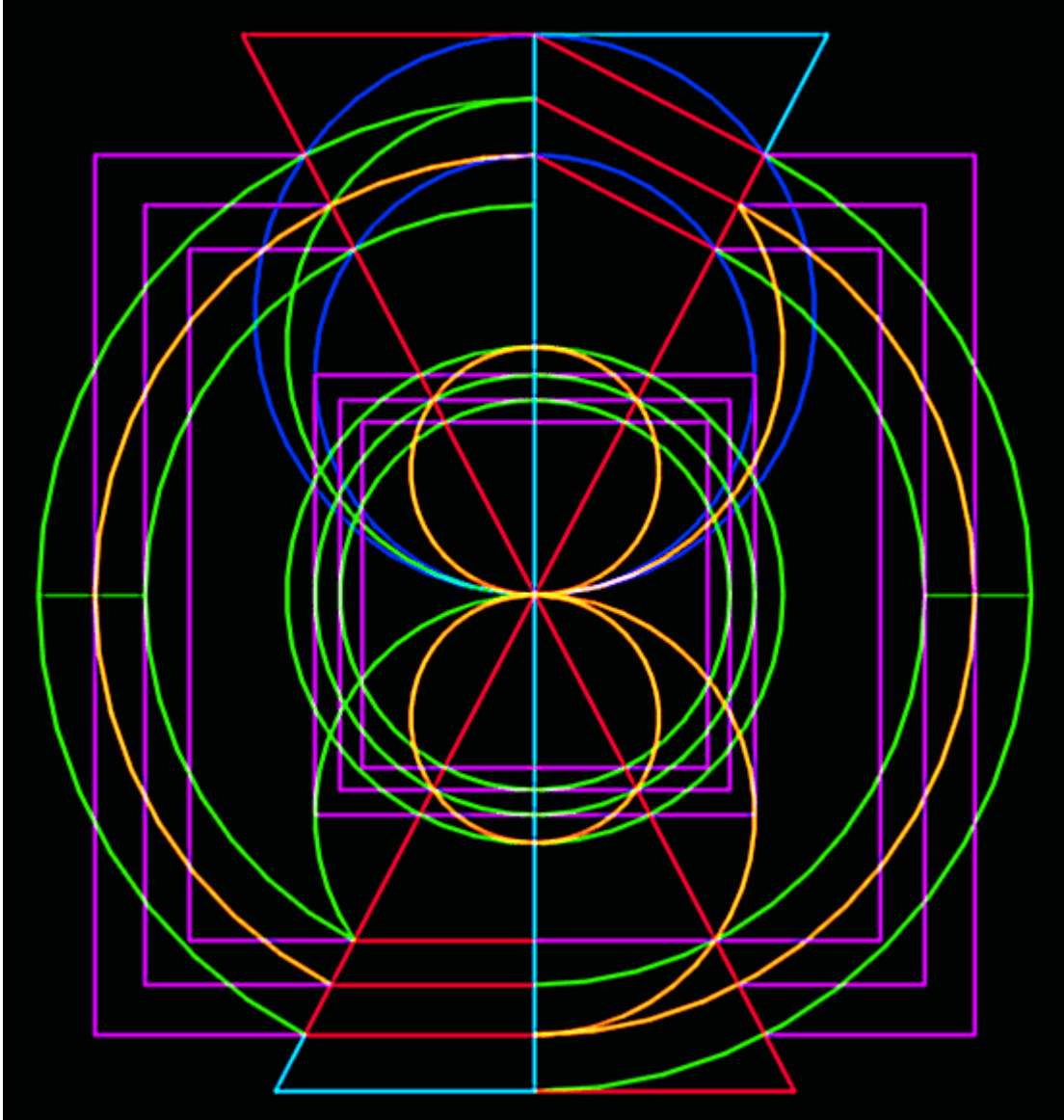
PDQ: $\text{SoCS} / \sqrt{\pi} = \text{Radius}$

Foursquare Plus Four



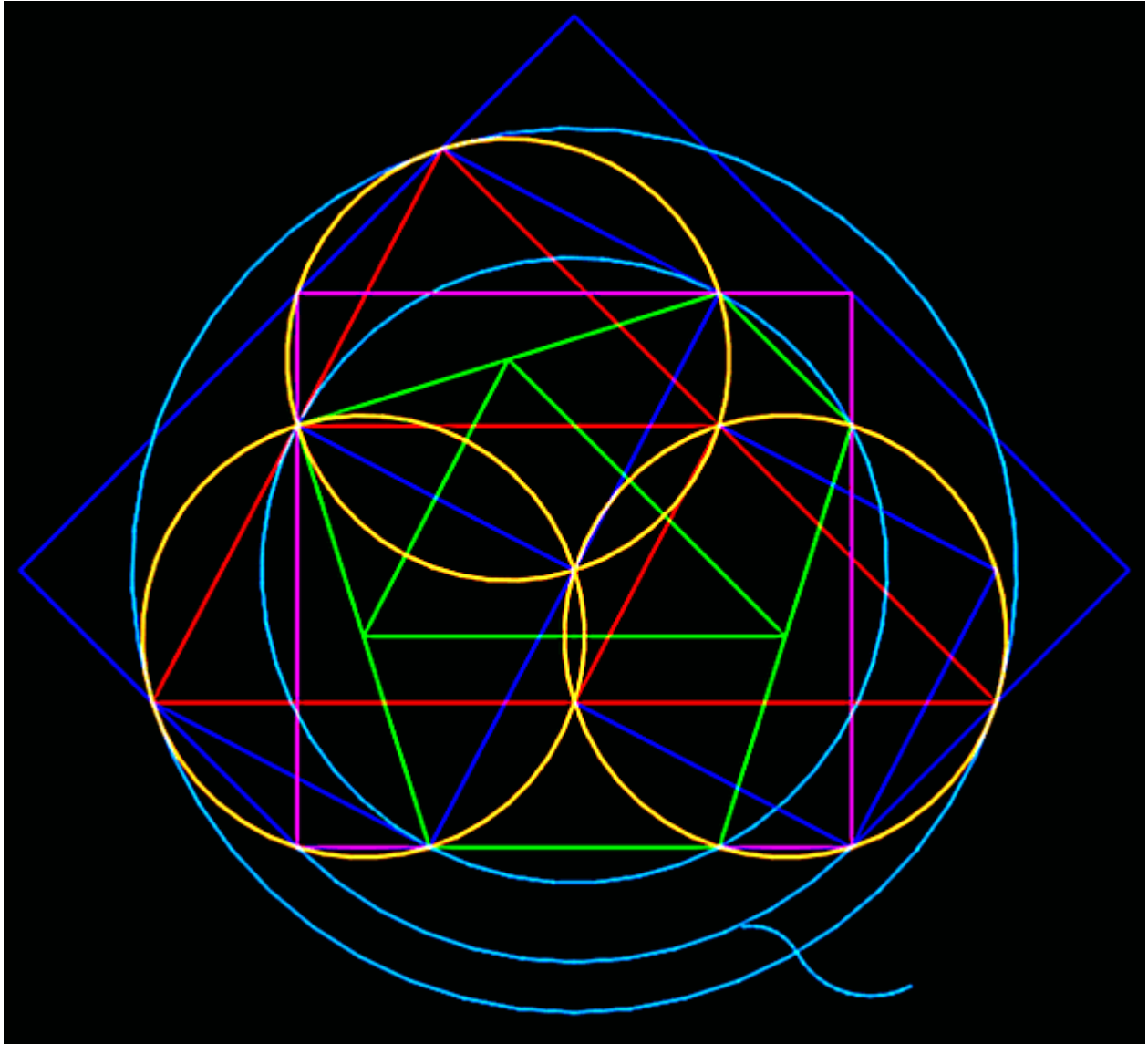
Four concentric circles all squared,
each with a sibling (circled radius);
quadrature proven by $2(\sqrt{1/\pi})$
(= $2/\sqrt{\pi} = \sqrt{\pi}/(\pi/2)$)

QT-1010



**Geometric evolution of Foursquare Plus Four, highlighting squared-circles trinity of 2.0, $\sqrt{\pi}$, and $2(\sqrt{1/\pi})$.
(2.0, 1.7724538509055160272981674833411...,
and 1.1283791670955125738961589031215..)**

Tenety of Quadrature



A defining geometric integration of
circle-squaring scalene and right triangles