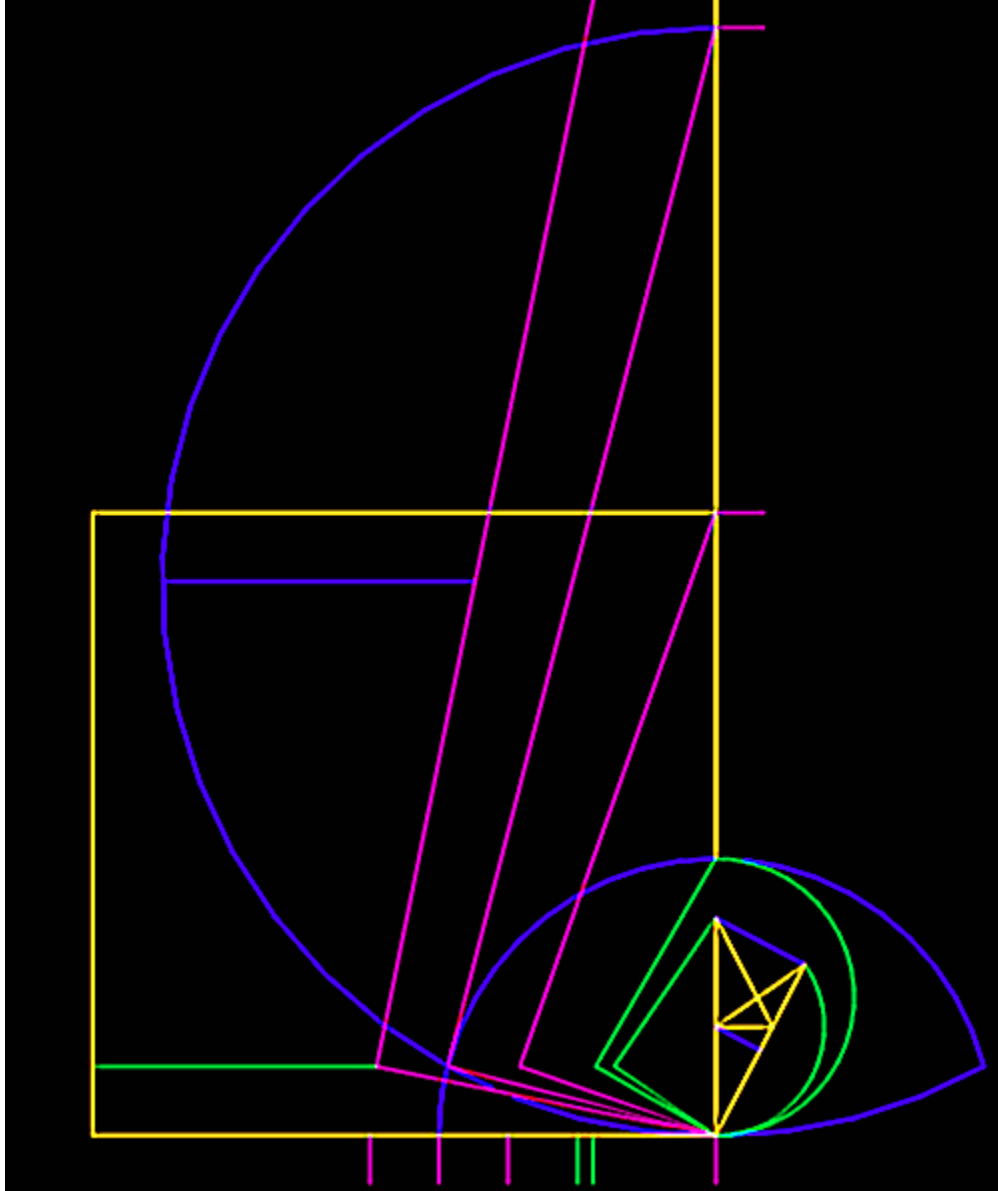
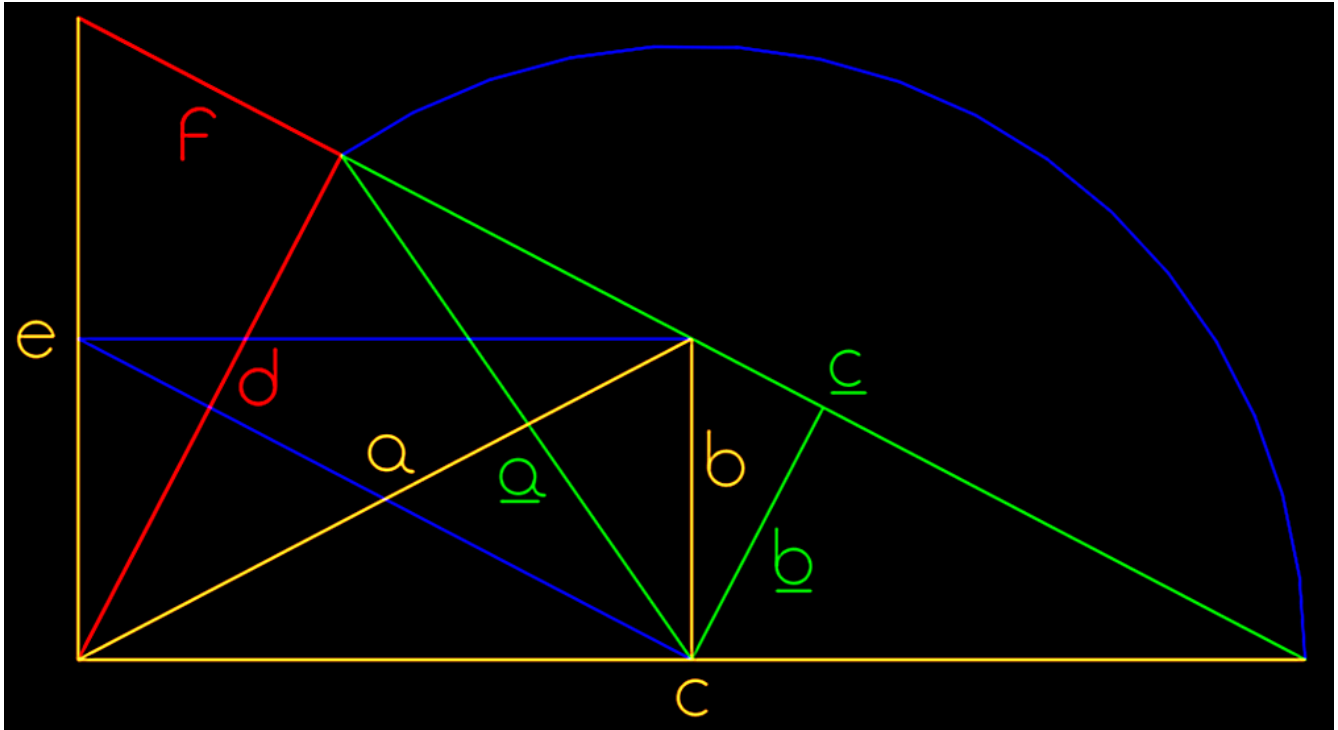


Geometry Square 'n Root



Quadra Lute Square Root Calculator
(derived from $\sqrt{2}^2 = 2$)

Sqrt(Pi) Ratios



$$\frac{c}{a} = \frac{c}{a} = \frac{d}{b} = \sqrt{\pi}$$

$$= 1.7724538509055160272981674833411..$$

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

$$= 1.1283791670955125738961589031215..$$

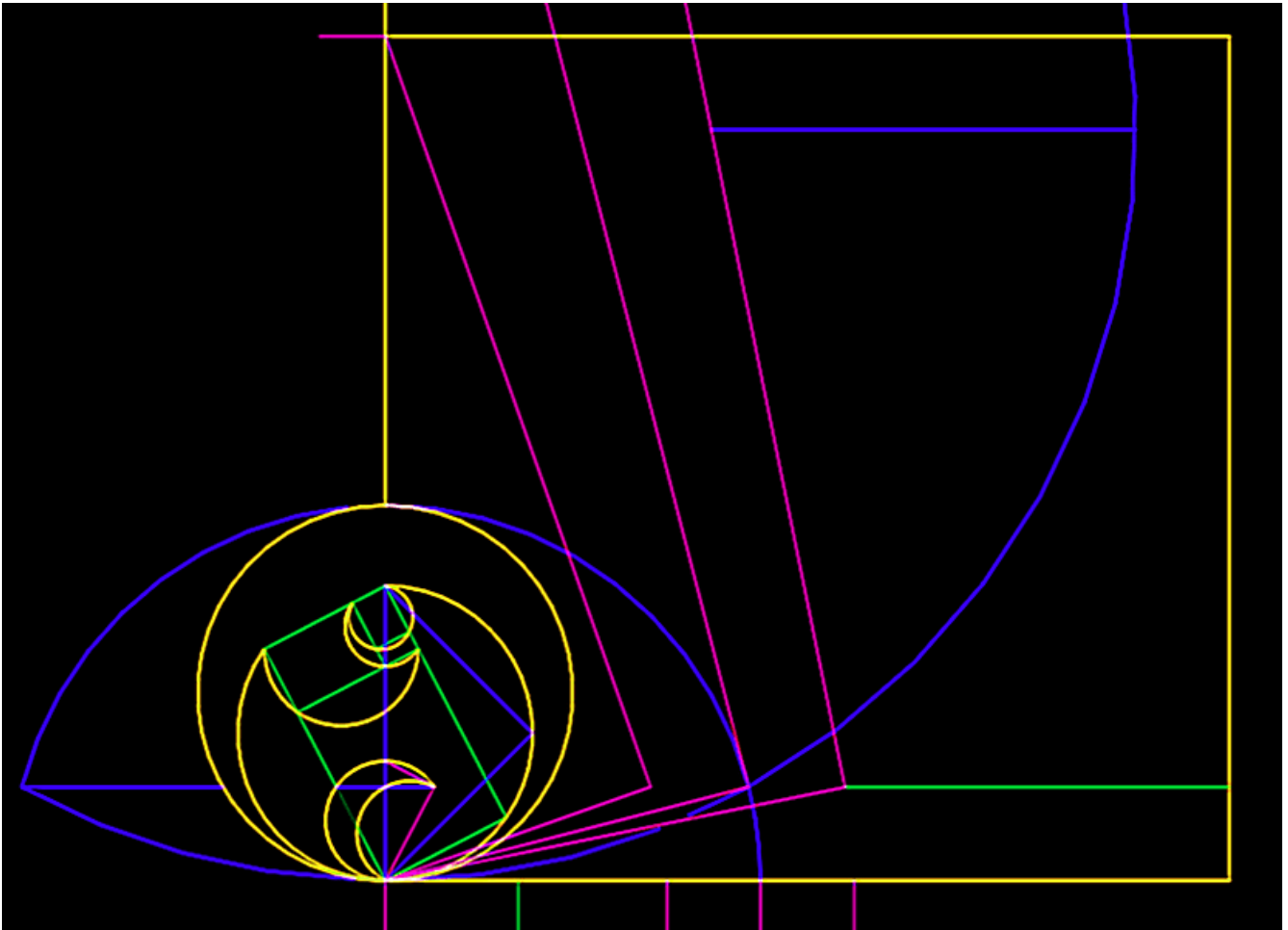
$$\frac{e}{b} = 4(\sqrt{1/\pi})$$

$$= 2.2567583341910251477923178062431..$$

$$\frac{c}{d} = \frac{d}{f} = \frac{\sqrt{\pi}}{\sqrt{4-\pi}} = \text{Phi of } \pi$$

$$= 1.9130583802711007947403078280203..$$

Arcs de Triomphe



$$\text{Phi of Pi} = \sqrt{\text{Pi}} / \sqrt{4-\text{Pi}}$$

$$\begin{aligned} &1.7724538509055160272981674833411.. \quad \sqrt{\text{Pi}} \\ &/ 0.92650275035220848584275966758914.. \quad \sqrt{4-\text{Pi}} \\ &= 1.9130583802711007947403078280203.. \quad \text{Phi of Pi} \end{aligned}$$

$$\begin{aligned} &2/\sqrt{\text{Pi}} = \sqrt{\text{Pi}}/(\text{Pi}/2) = 2(\sqrt{1/\text{Pi}}) \\ &= 1.1283791670955125738961589031215.. \quad \text{Qcue} \end{aligned}$$

Qcued Enqueue by the Numbers

--- Squares & Square Roots

1.2732395447351626861510701069802.. $(2/\sqrt{\pi})^2$

1.1283791670955125738961589031215.. $2/\sqrt{\pi}$

2.0

1.4142135623730950488016887242097.. $\sqrt{2}$

3.1415926535897932384626433832793.. π

1.7724538509055160272981674833411.. $\sqrt{\pi}$

--- Relationships by the Numbers

1.1283791670955125738961589031215.. $2/\sqrt{\pi}$

$^2 = 1.2732395447351626861510701069802.. (2/\sqrt{\pi})^2$

1.7724538509055160272981674833411.. $\sqrt{\pi}$

x 1.4142135623730950488016887242097.. $\sqrt{2}$

= 2.506628274631000502415765284811.. $\sqrt{\pi}\sqrt{2}$

/ 2 = 1.2533141373155002512078826424055.. $(\sqrt{\pi}\sqrt{2})/2$

$^2 = 1.5707963267948966192313216916397.. \pi/2$

1.7724538509055160272981674833411.. $\sqrt{\pi}$

/ 1.1283791670955125738961589031215.. $2/\sqrt{\pi}$

= 1.5707963267948966192313216916398.. $\pi/2$

--- Continuum by the roots

1.1283791670955125738961589031215.. $2/\sqrt{\pi}$

x 1.2533141373155002512078826424055.. $(\sqrt{\pi}\sqrt{2})/2$

= 1.4142135623730950488016887242097.. $\sqrt{2}$

x 1.2533141373155002512078826424055.. $(\sqrt{\pi}\sqrt{2})/2$

= 1.7724538509055160272981674833411.. $\sqrt{\pi}$

x 1.1283791670955125738961589031215.. $2/\sqrt{\pi}$

= 2.0

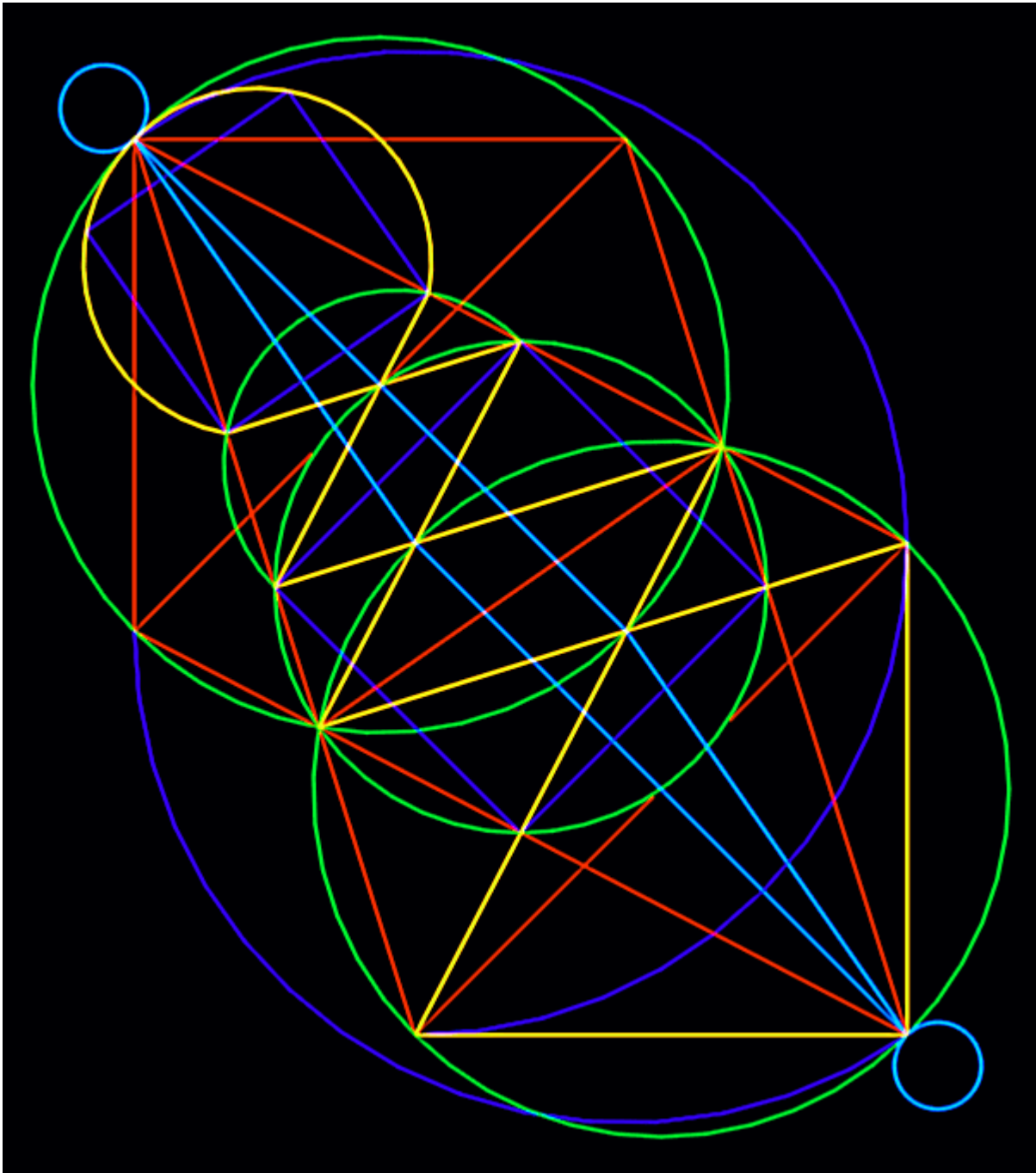
--- Relationship of diameters

4.0

/ 1.2732395447351626861510701069802.. $(2/\sqrt{\pi})^2$

= 3.1415926535897932384626433832795.. π

OO! Flutterby



Migration of Cartesian lepidoptera ...
or DNA of “impossible” Quadrature.

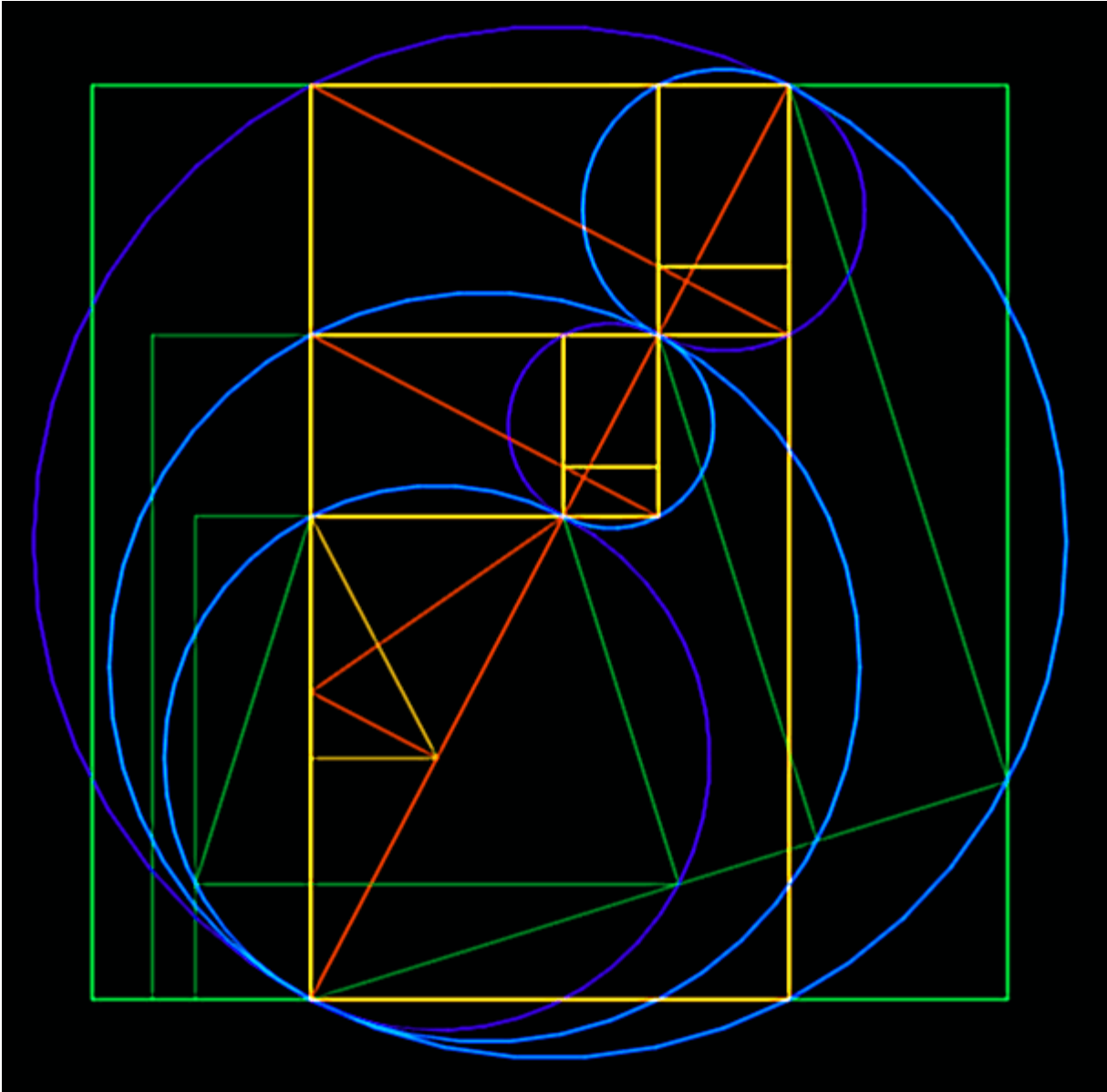
OO! Flutterby by the Numbers

Given: Diameters Range = $1.0 - 2(\sqrt{2})$,
SoIS = 2.0 (SoIS = Side of Inscribed Square)

1.0
x 1.2533141373155002512078826424055.. $(\sqrt{\text{Pi}}\sqrt{2})/2$
= 1.2533141373155002512078826424055.. $(\sqrt{\text{Pi}}\sqrt{2})/2$
x 1.1283791670955125738961589031215.. $2/\sqrt{\text{Pi}}$
= 1.4142135623730950488016887242097.. $\sqrt{2}$
x 1.2533141373155002512078826424055.. $(\sqrt{\text{Pi}}\sqrt{2})/2$
= 1.7724538509055160272981674833411.. $\sqrt{\text{Pi}}$
x 1.1283791670955125738961589031215.. $2/\sqrt{\text{Pi}}$
= 2.0
x 1.2533141373155002512078826424055.. $(\sqrt{\text{Pi}}\sqrt{2})/2$
= 2.506628274631000502415765284811.. $\sqrt{\text{Pi}}\sqrt{2}$
x 1.1283791670955125738961589031215.. $2/\sqrt{\text{Pi}}$
= 2.8284271247461900976033774484193.. $2(\sqrt{2})$

2.8284271247461900976033774484193.. $2(\sqrt{2})$
/ 1.0 = $2(\sqrt{2})$

Phi of Pi

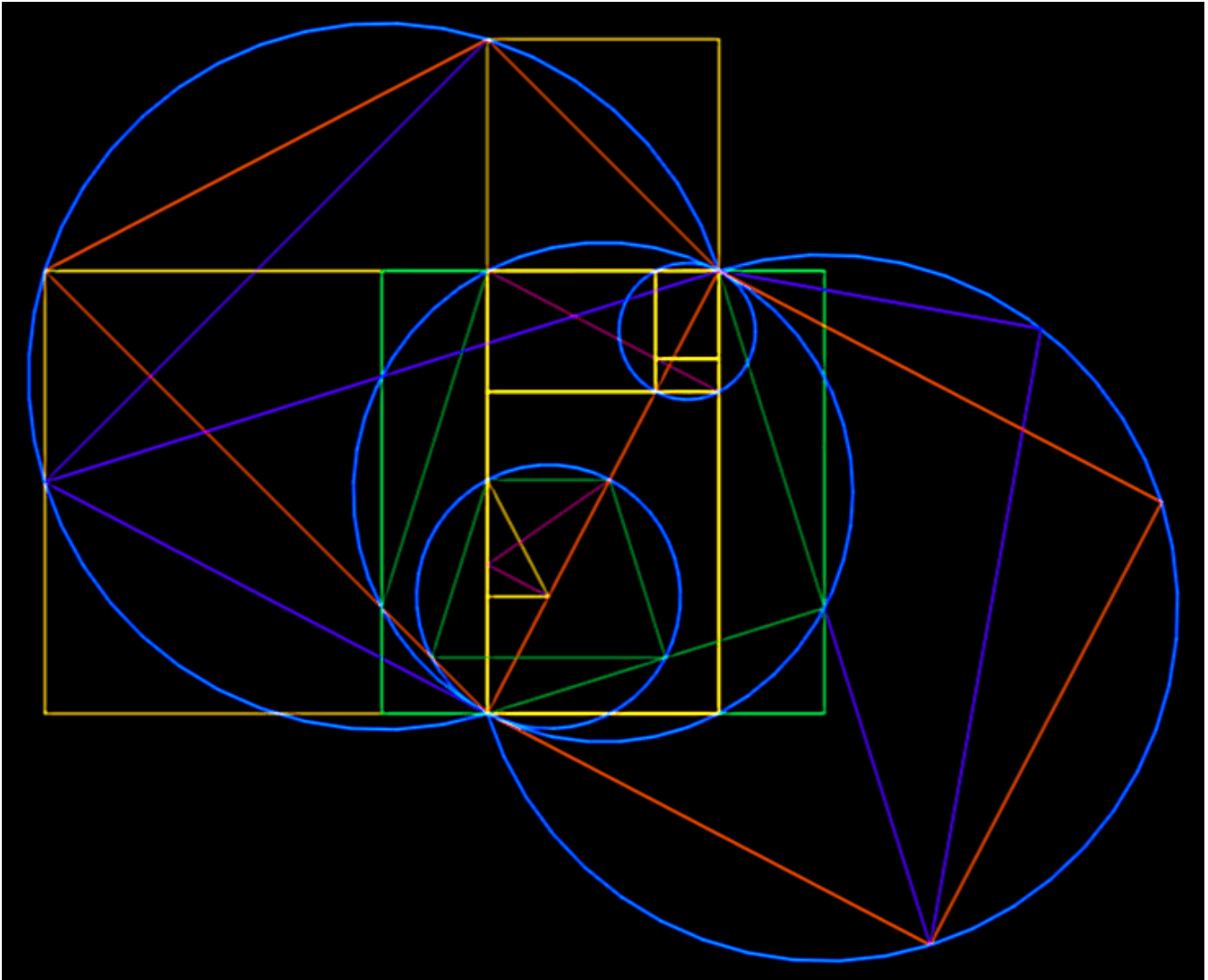


Golden Rectangle of Quadrature

$$\begin{aligned} Q_{\text{phi}} &= \text{Phi of Pi} = \sqrt{\text{Pi}}/\sqrt{4-\text{Pi}} = \sqrt{\text{Pi}/4-\text{Pi}} \\ &= 1.9130583802711007947403078280203.. \end{aligned}$$

$$\begin{aligned} Q_{\text{cue}} &= 2/\sqrt{\text{Pi}} = \sqrt{\text{Pi}}/(\text{Pi}/2) = 2(\sqrt{1/\text{Pi}}) \\ &= 1.1283791670955125738961589031215.. \end{aligned}$$

Pythagorean Quadrature (4-Pi + Pi = 4)



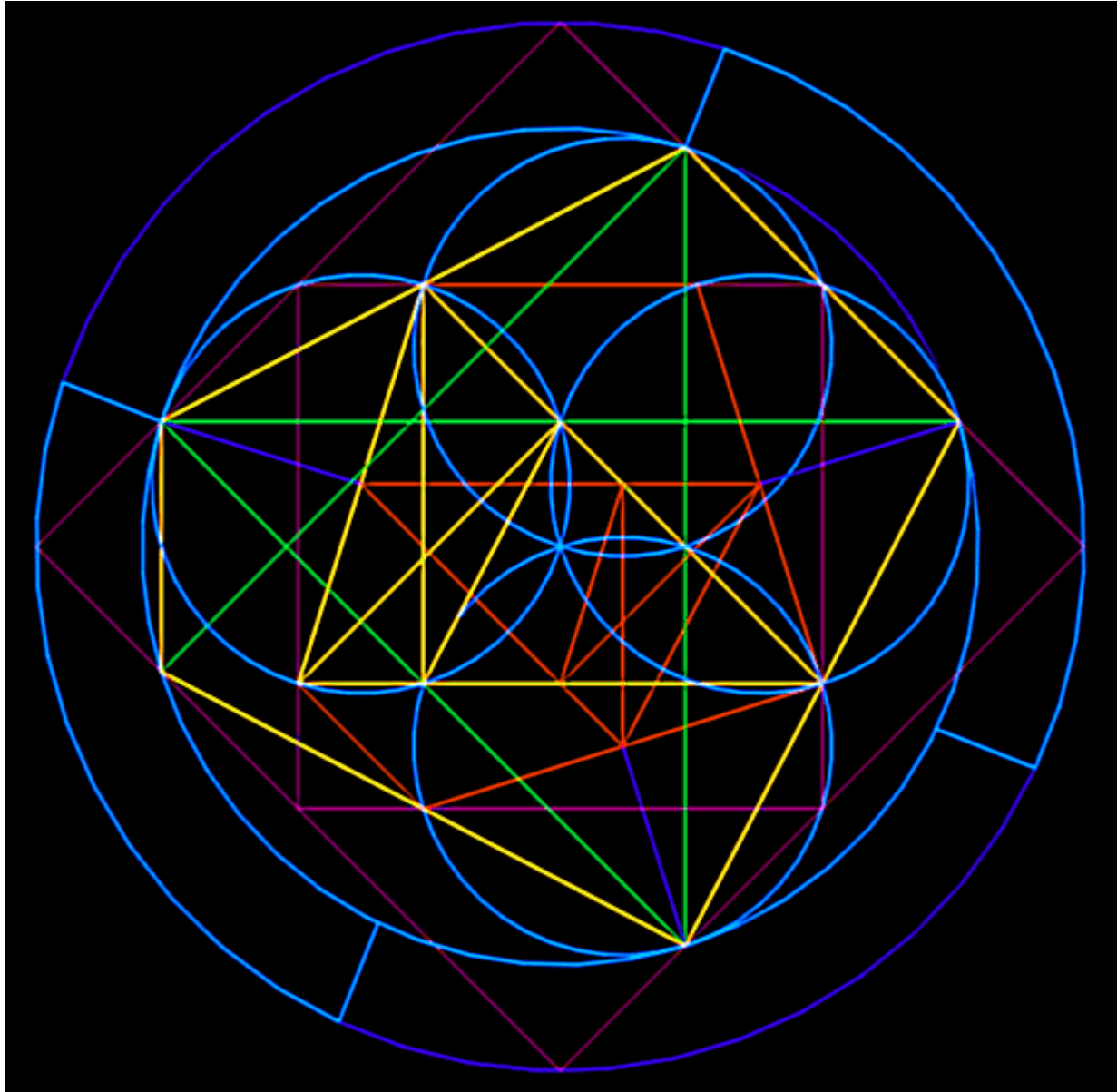
You can't get there from here (from inside the box)

$$a = \sqrt{4-\pi}, \quad b = \sqrt{\pi}, \quad c = 2$$

$$\begin{aligned} Q_{\text{phi}} &= \sqrt{\pi} / \sqrt{4-\pi} = \text{"Phi of Pi"} \\ &= 1.9130583802711007947403078280203.. \end{aligned}$$

$$\begin{aligned} Q_{\text{cue}} &= 2/\sqrt{\pi} = \sqrt{\pi}/(\pi/2) = 2(\sqrt{1/\pi}) \\ &= 1.1283791670955125738961589031215.. \end{aligned}$$

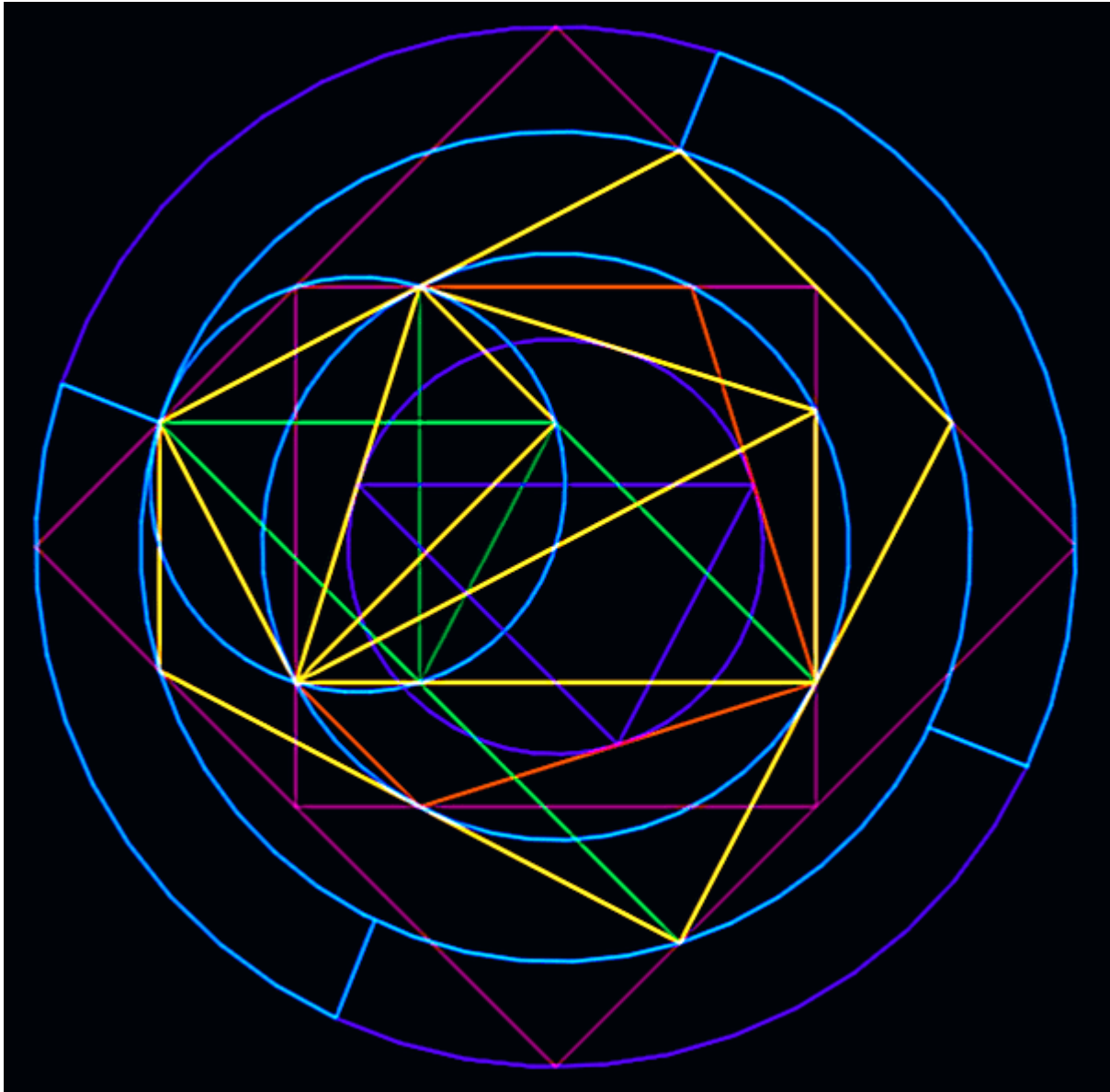
Ethereal Triangulation “I AM Quadrature”



Unifying Theory of Quadrature: $\text{Sqrt}(\text{Pi} + 4 - \text{Pi}) = 2$

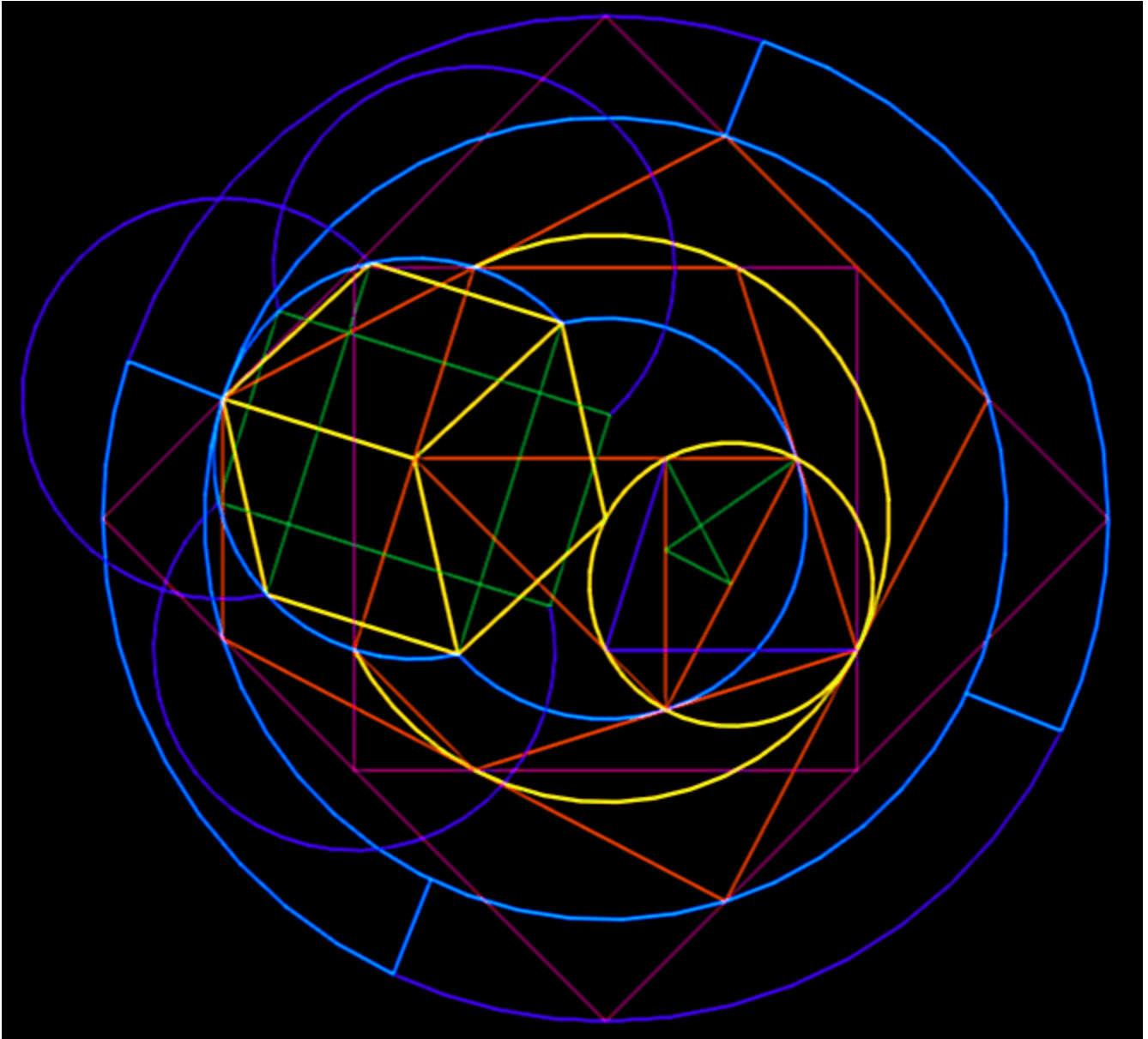
which defines circle-squaring right triangle,
and reveals *Phi of Pi* = $\text{sqrt}(\text{Pi}) / \text{sqrt}(4 - \text{Pi})$
= 1.7724538509055160272981674833411..
/ 0.92650275035220848584275966758914..
= 1.9130583802711007947403078280204..

Parallelogram Of Ethereal Triangulation



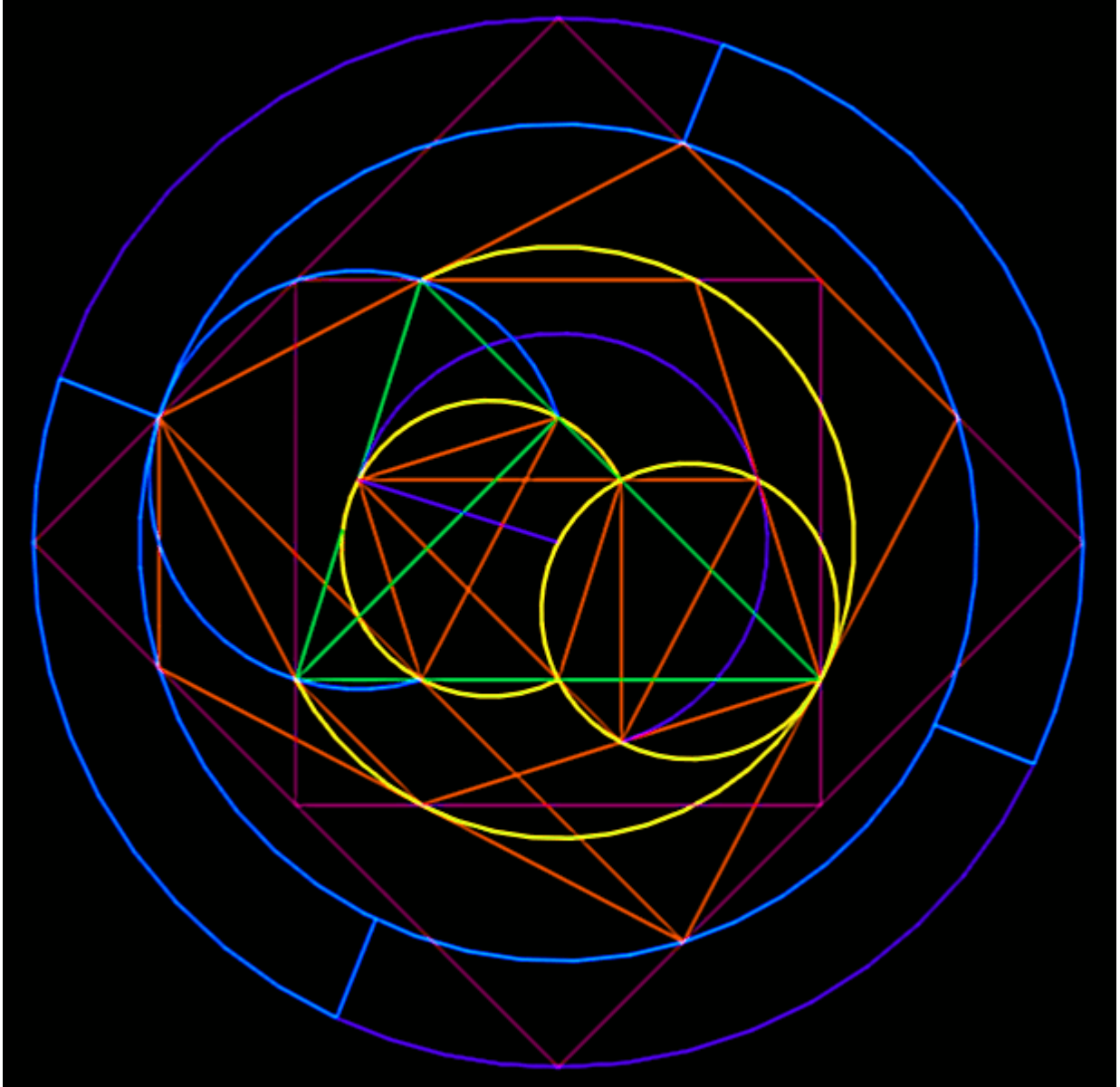
A POET in the cacophony that
“the circle cannot be squared”

POET VP



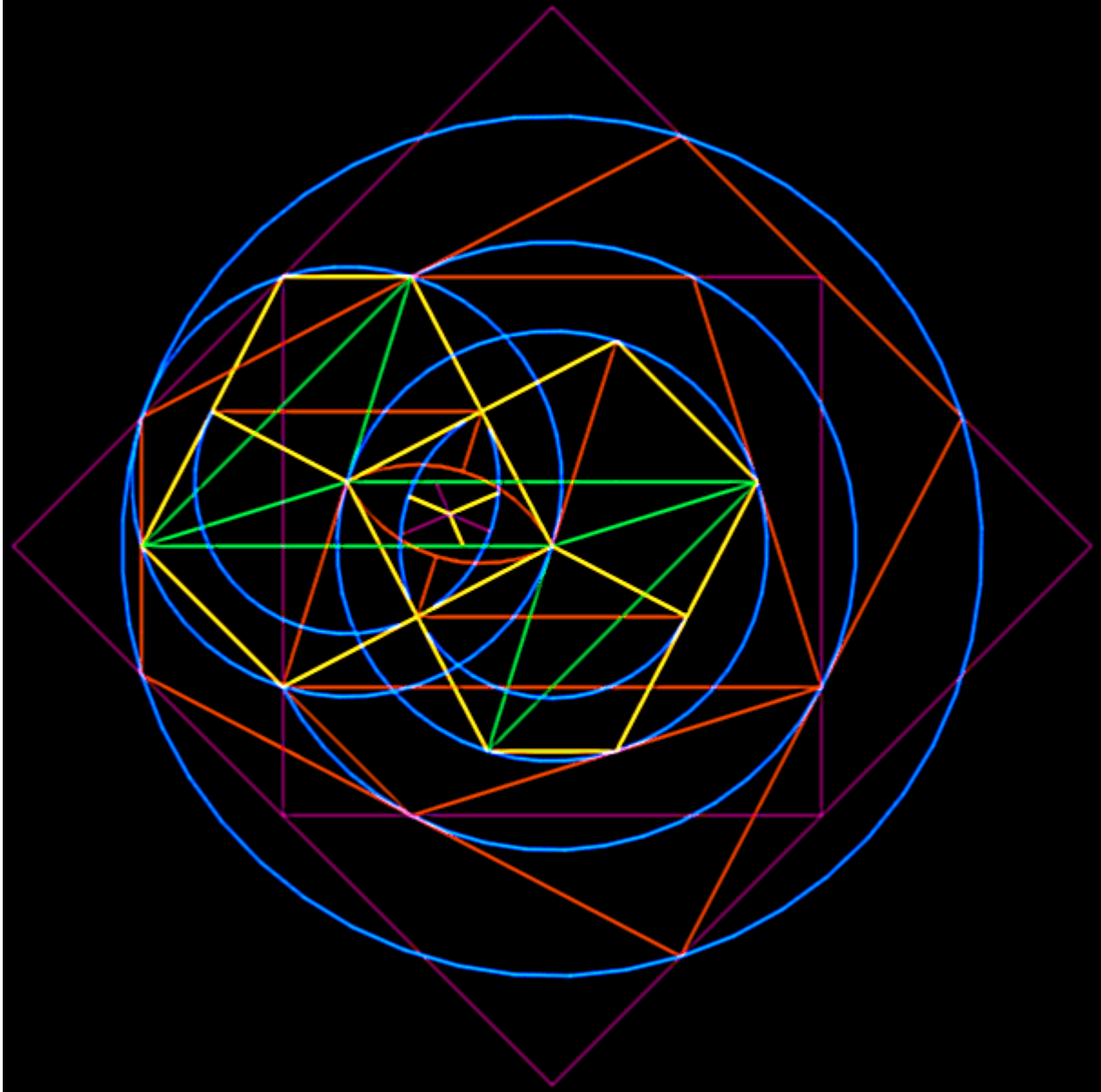
Hexagonal Qube of Visicae Piscis

POETism



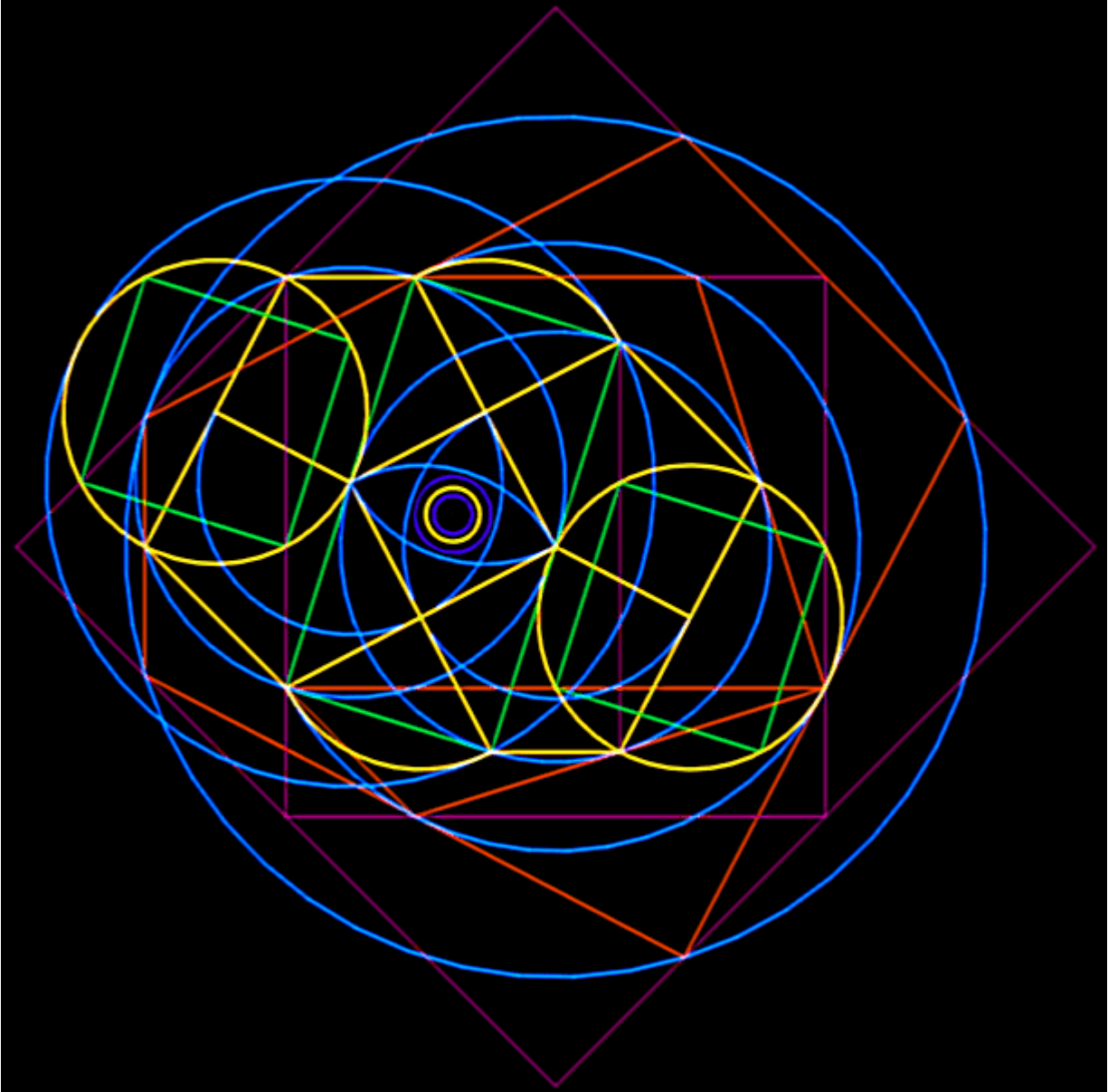
Objet d'art (of Quadrature)

VP in the Shadows



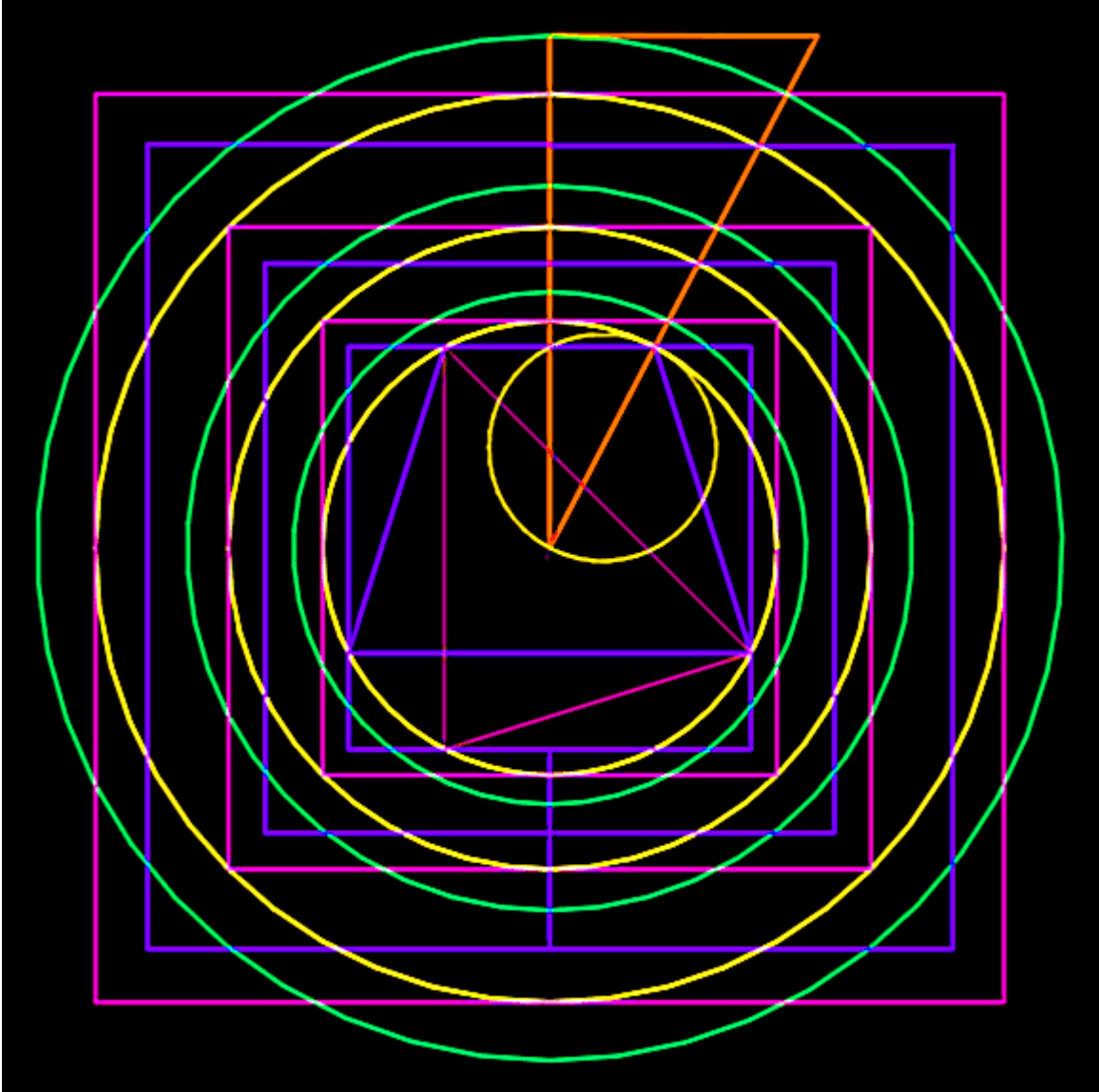
.shadow~wodahs.

Symmetry of Soul



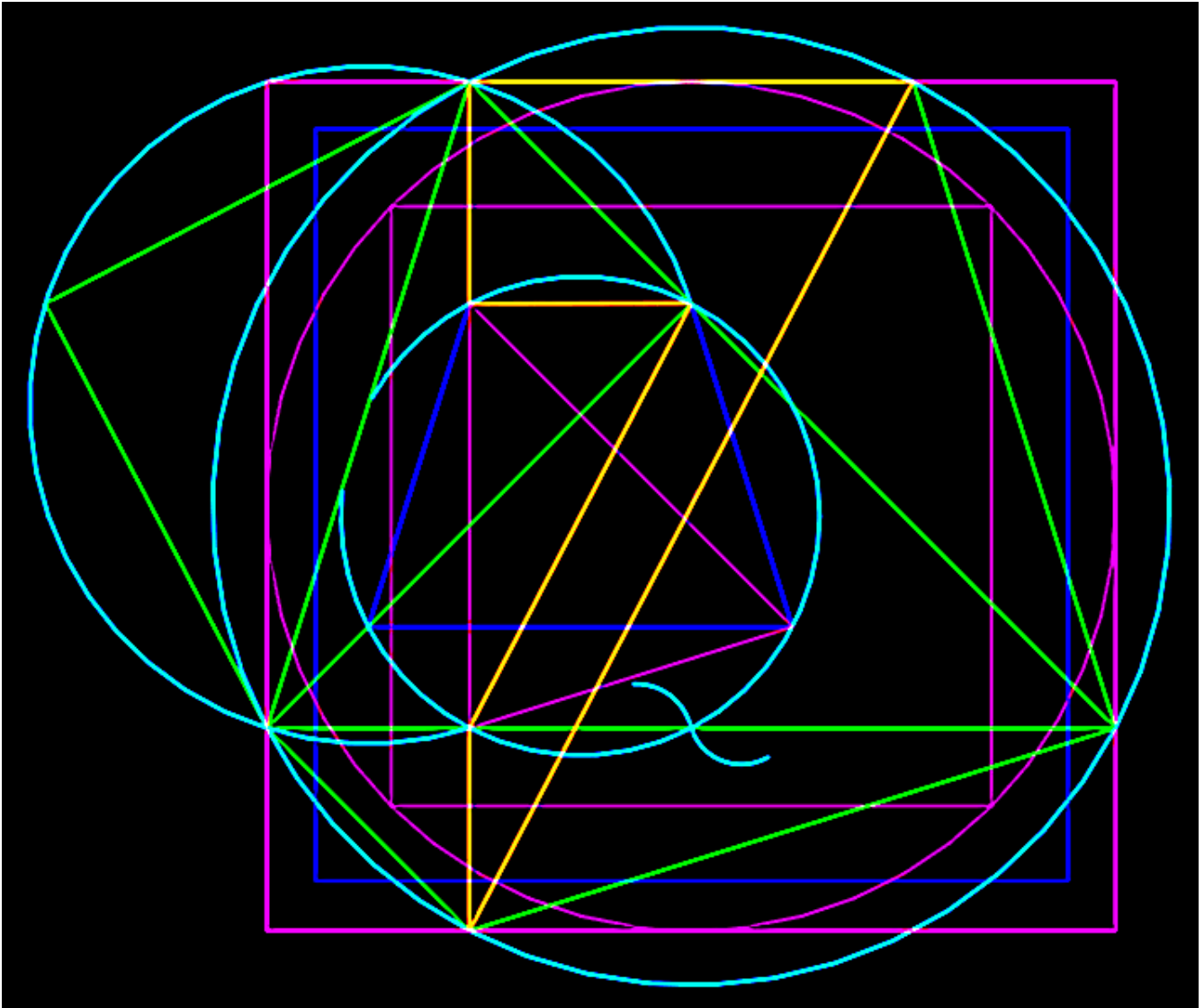
Quadrature with symmetry ... and soul

Point of Quadrature



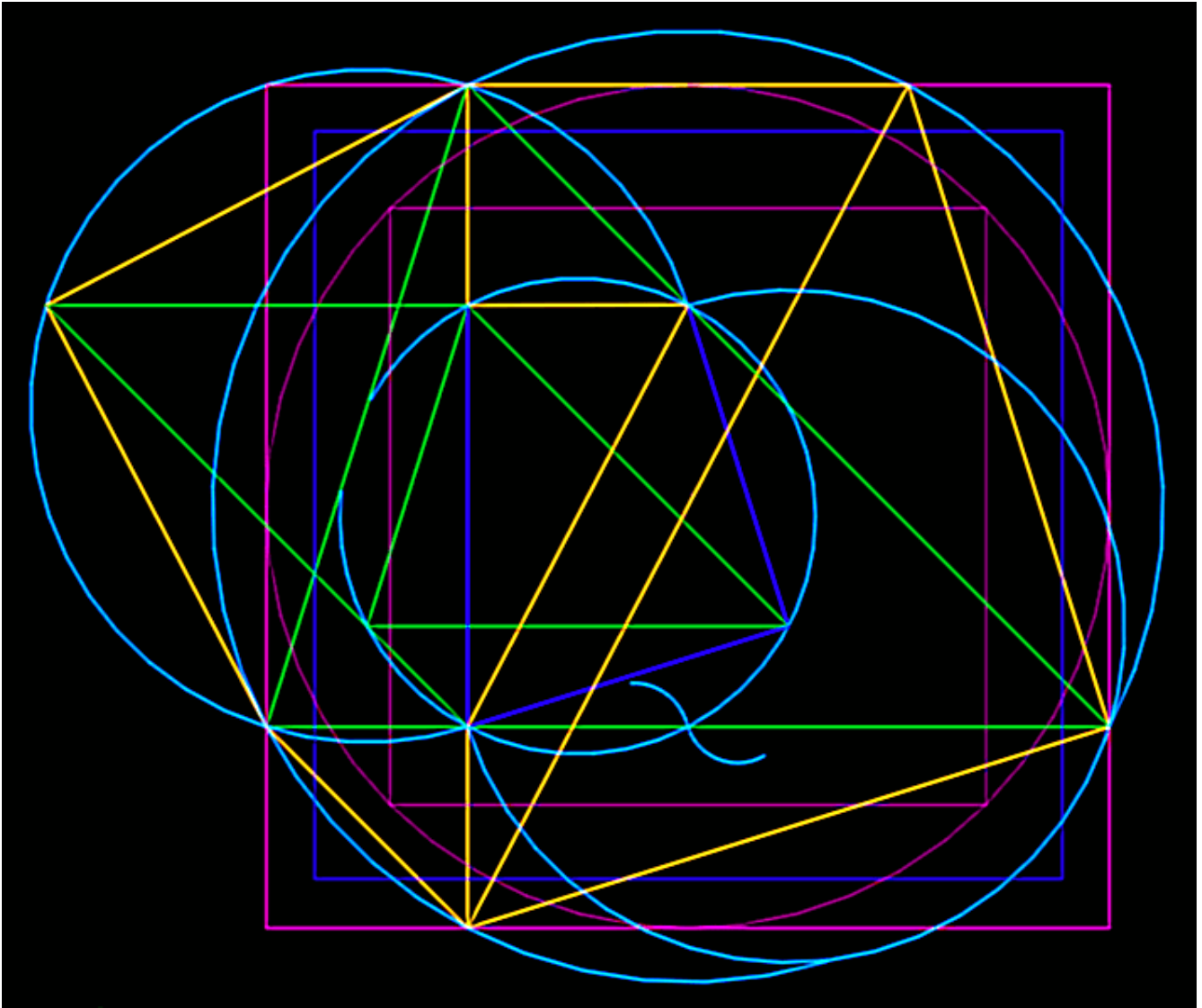
“What's the real point?!” Indeed!

Right on Q



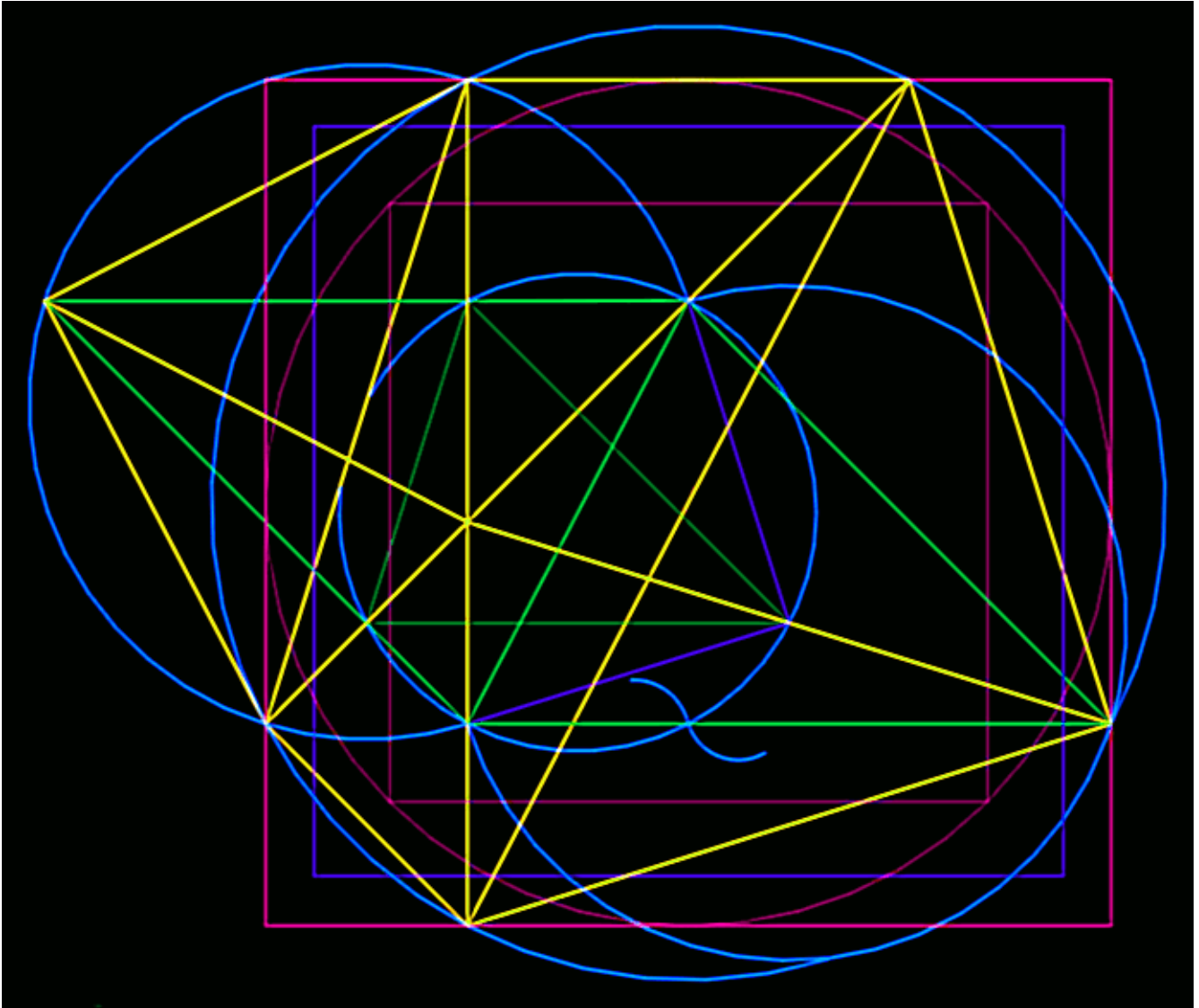
“fundamental to universe organization”

Right on P+Q



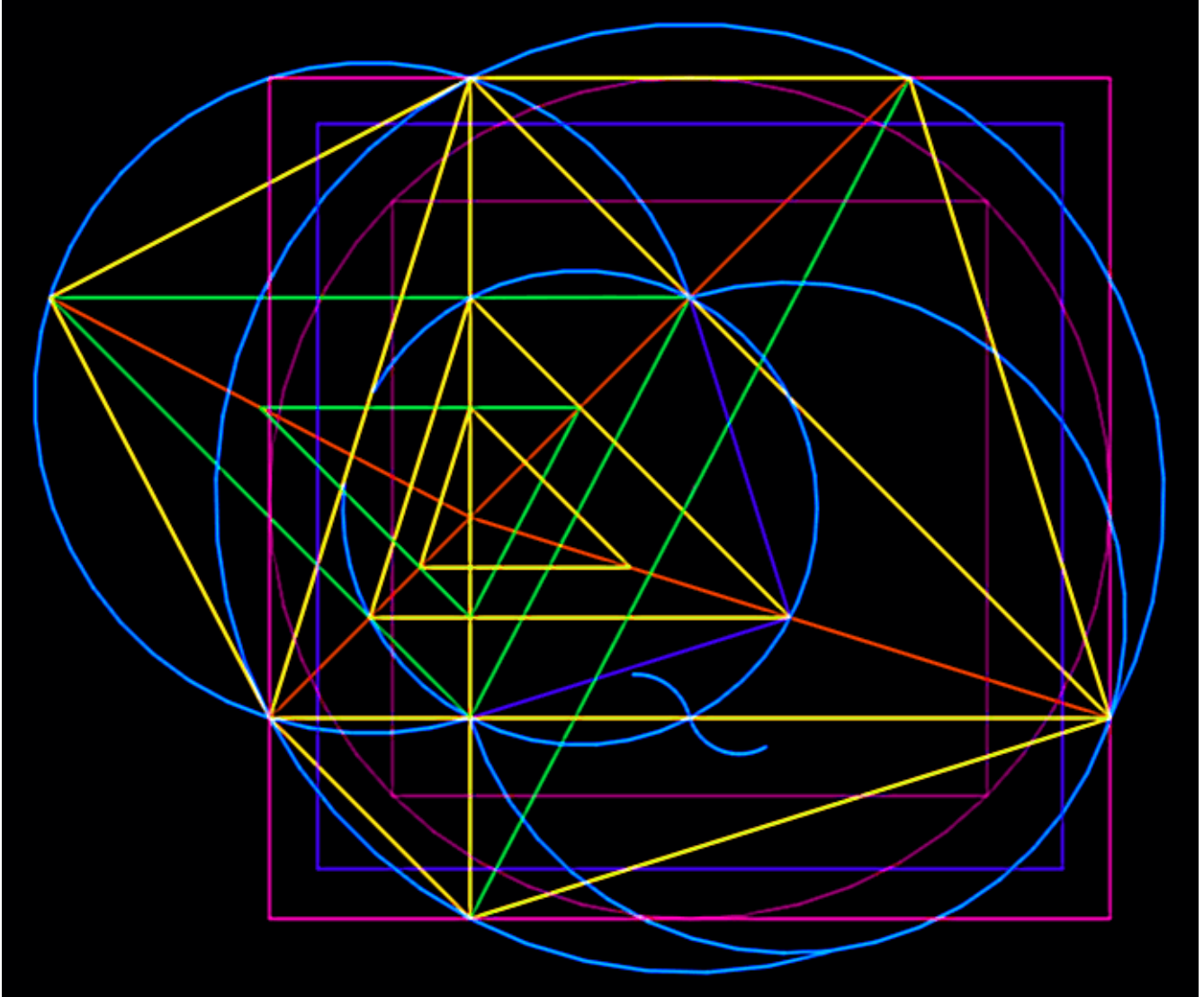
Just mindin' the P's & Q's

Right on Q II



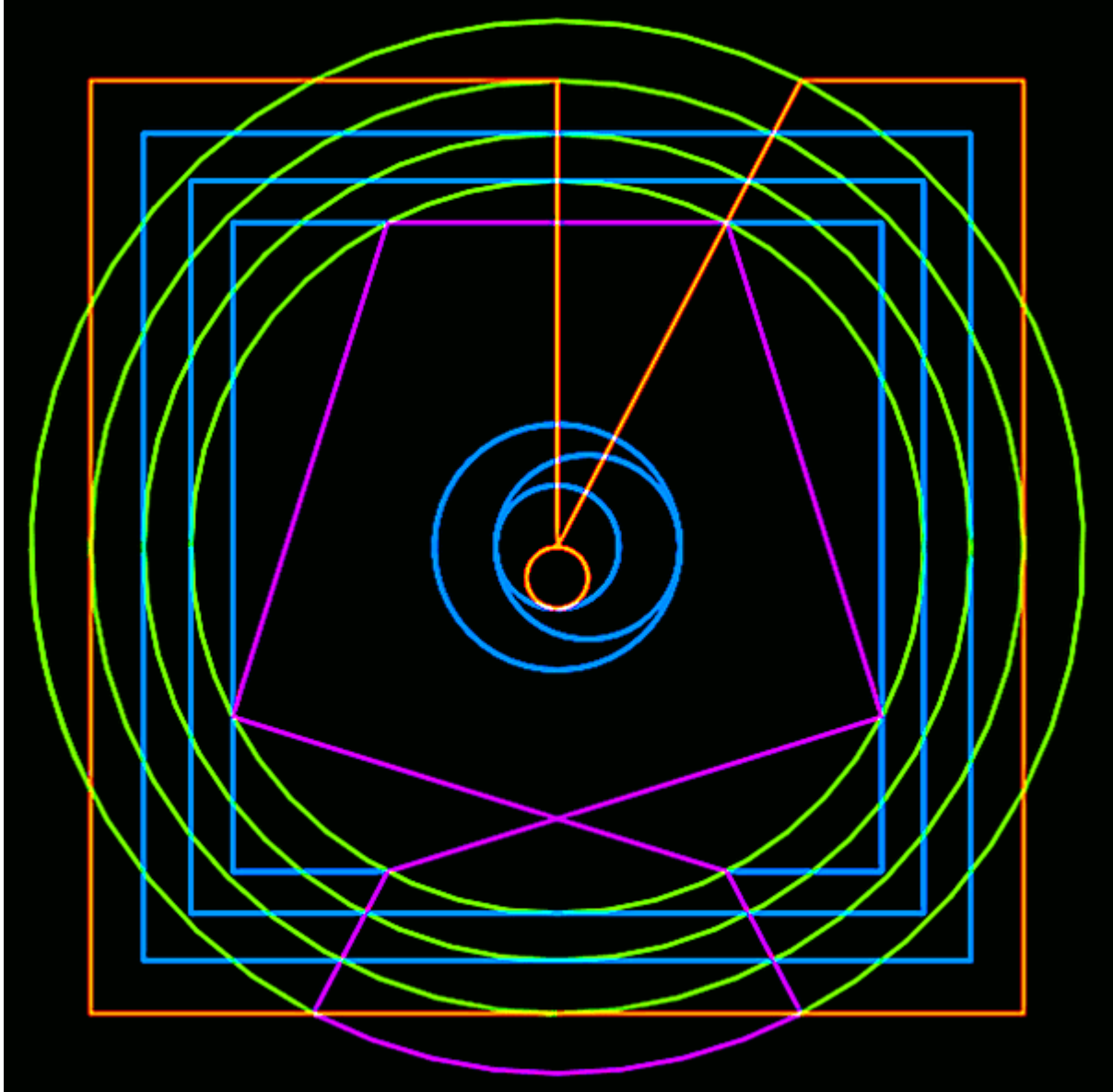
Quadrature as revealed by $\sqrt{2}$

*i*Scalenity



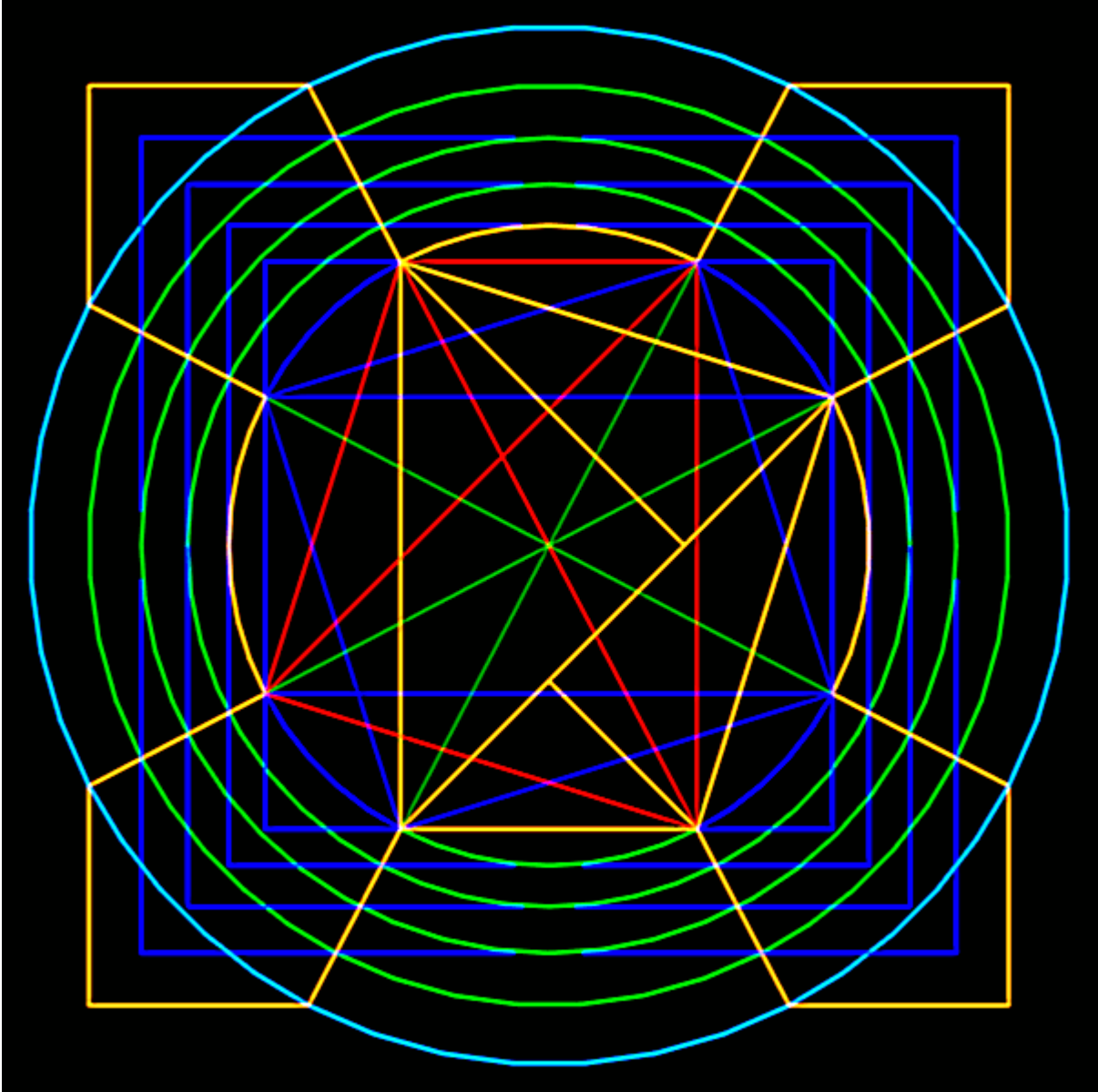
Sqrt(Pi) and sqrt(2) entwined to infinity

iConcentric



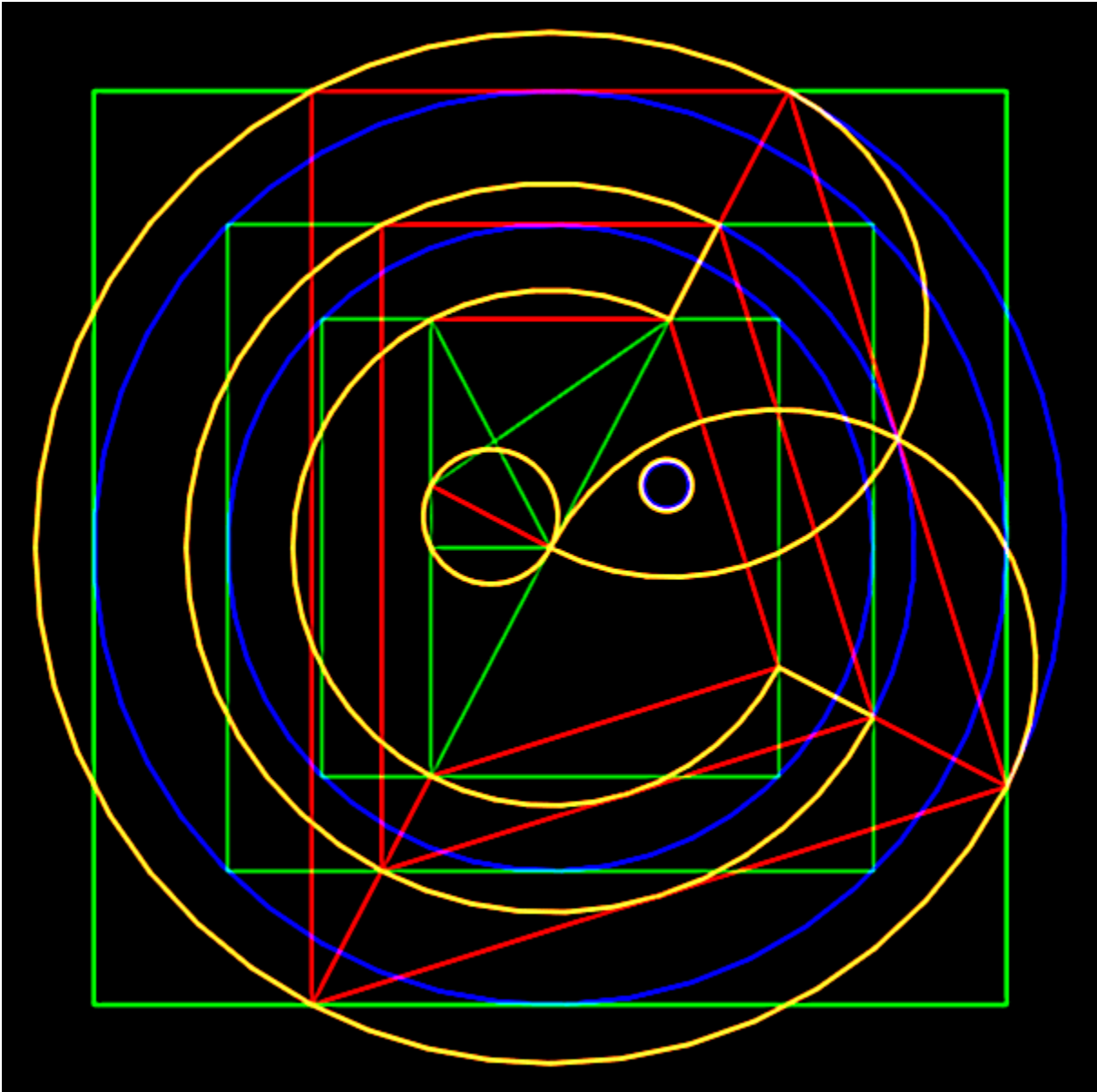
“One in ten million”

Four Corner Pi



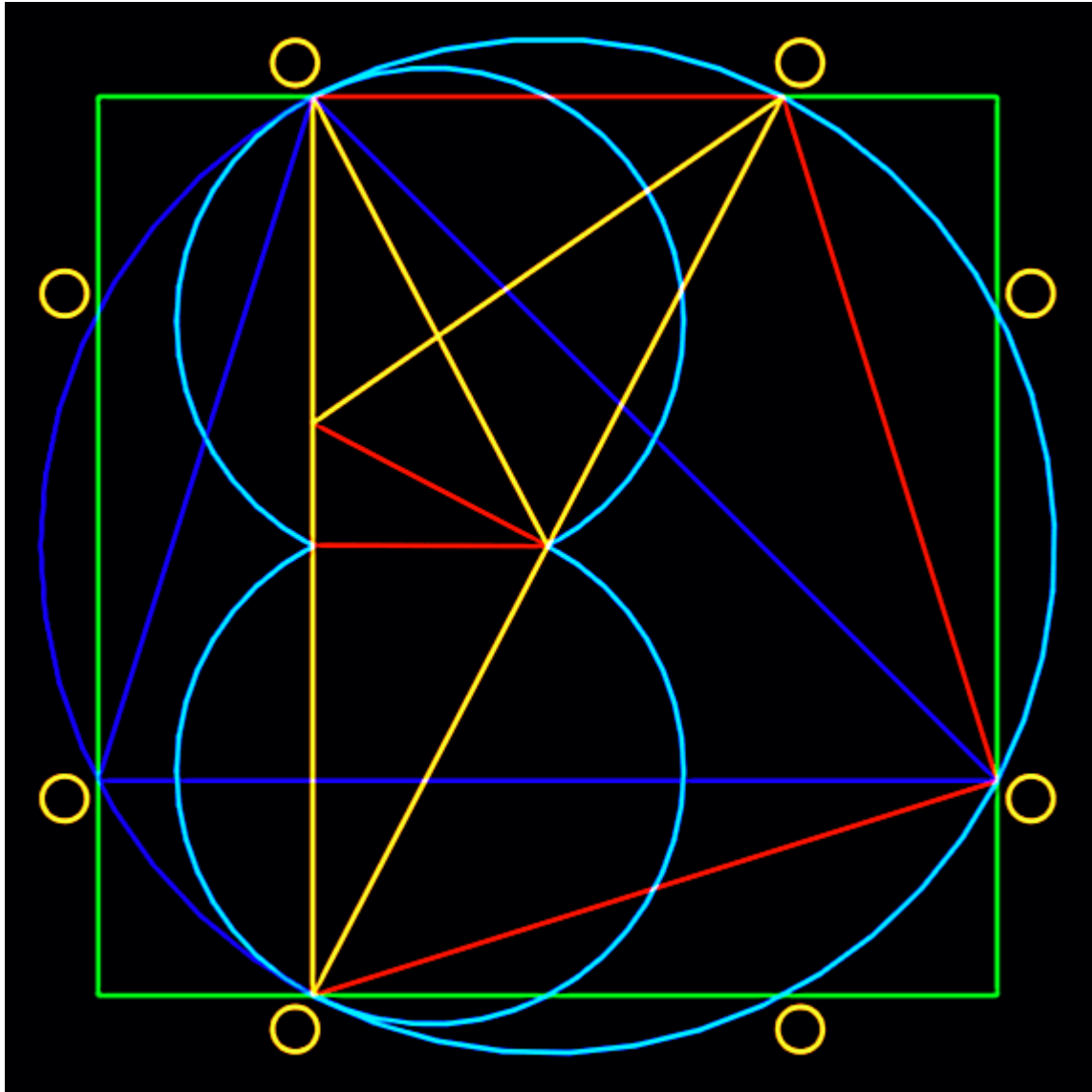
**“Pi are square!” Indeed!
... when $\sqrt{2}$ hosts $2/\sqrt{\pi}$**

Pi Are Square



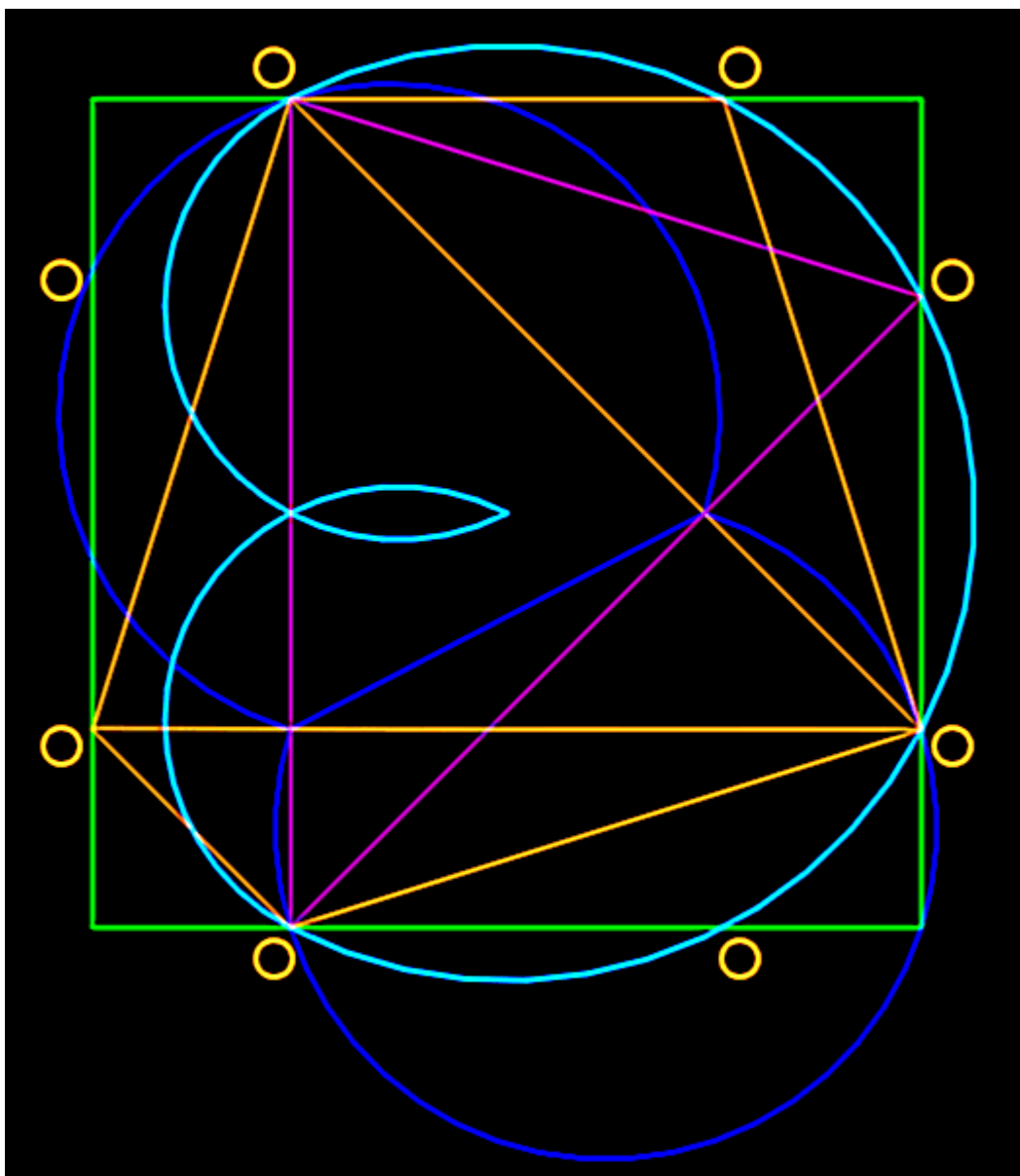
... and evenly divisible by $\sqrt{2}$
... and therefore by 2

$D = 2$



8 Points? Go figure!

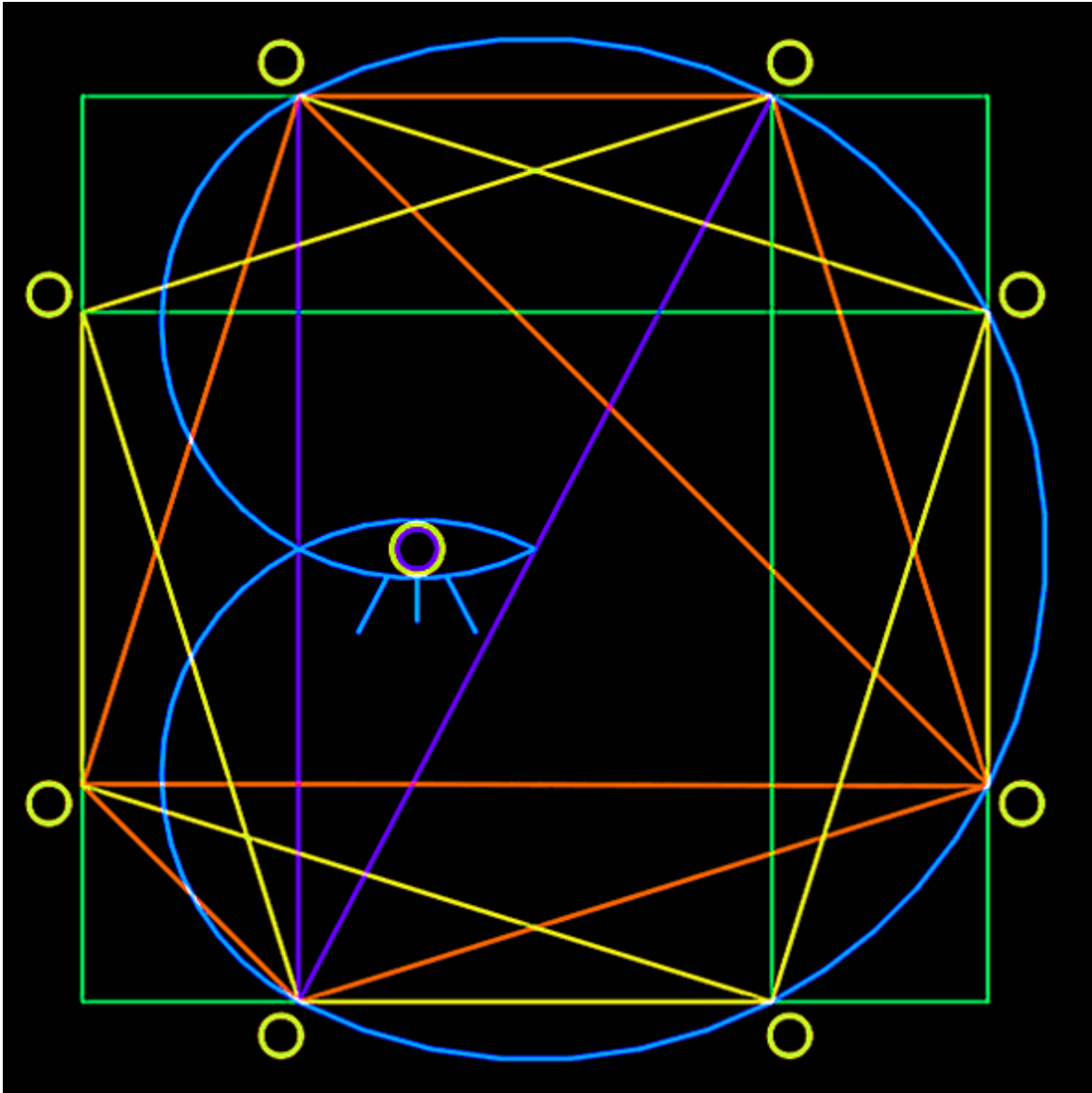
Etc.



ad infinitum

Etc., Etc.

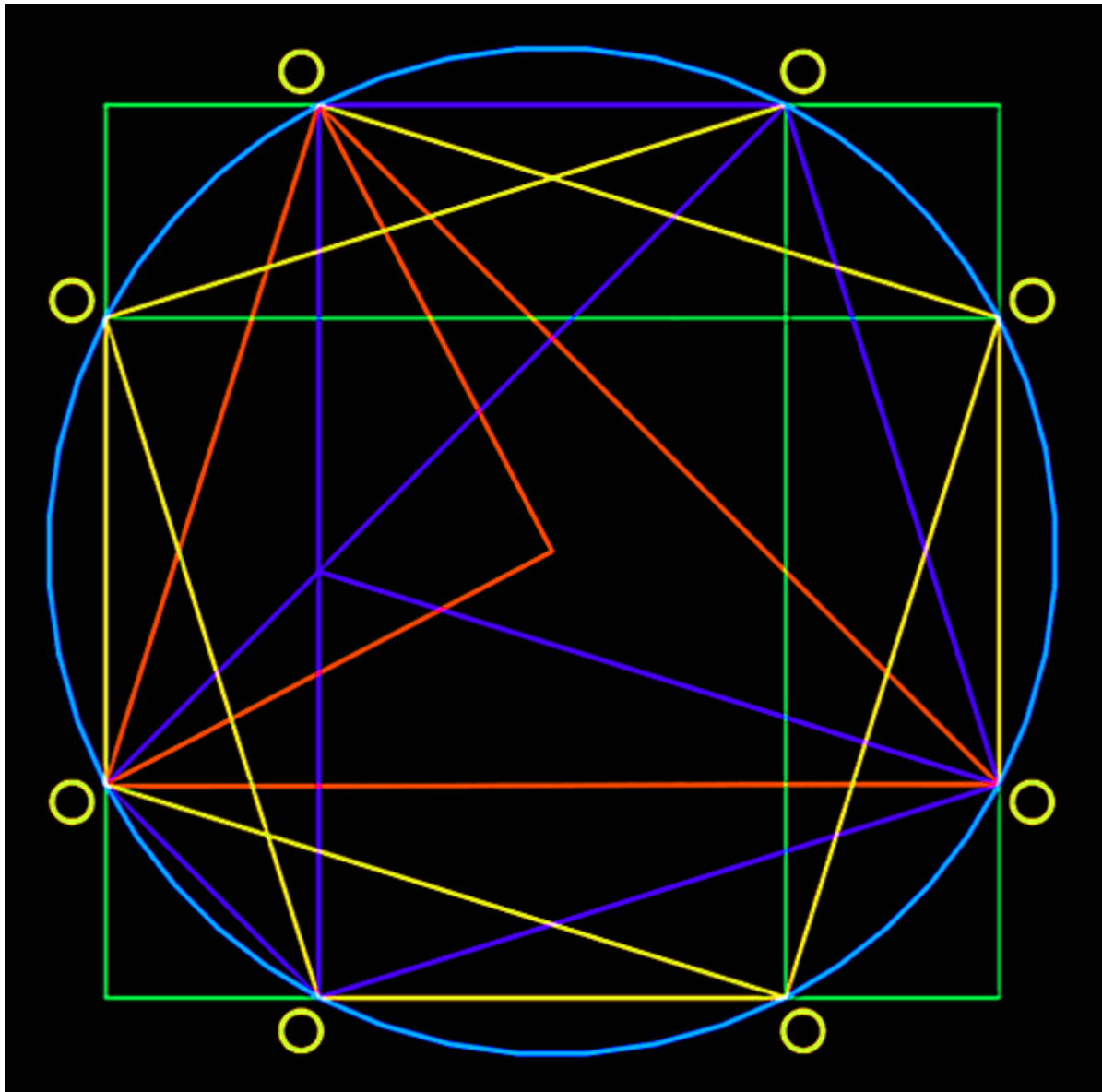
Pythagorean Portal = $2, \sqrt{\pi}, \sqrt{4-\pi}$



Alienstock 2019

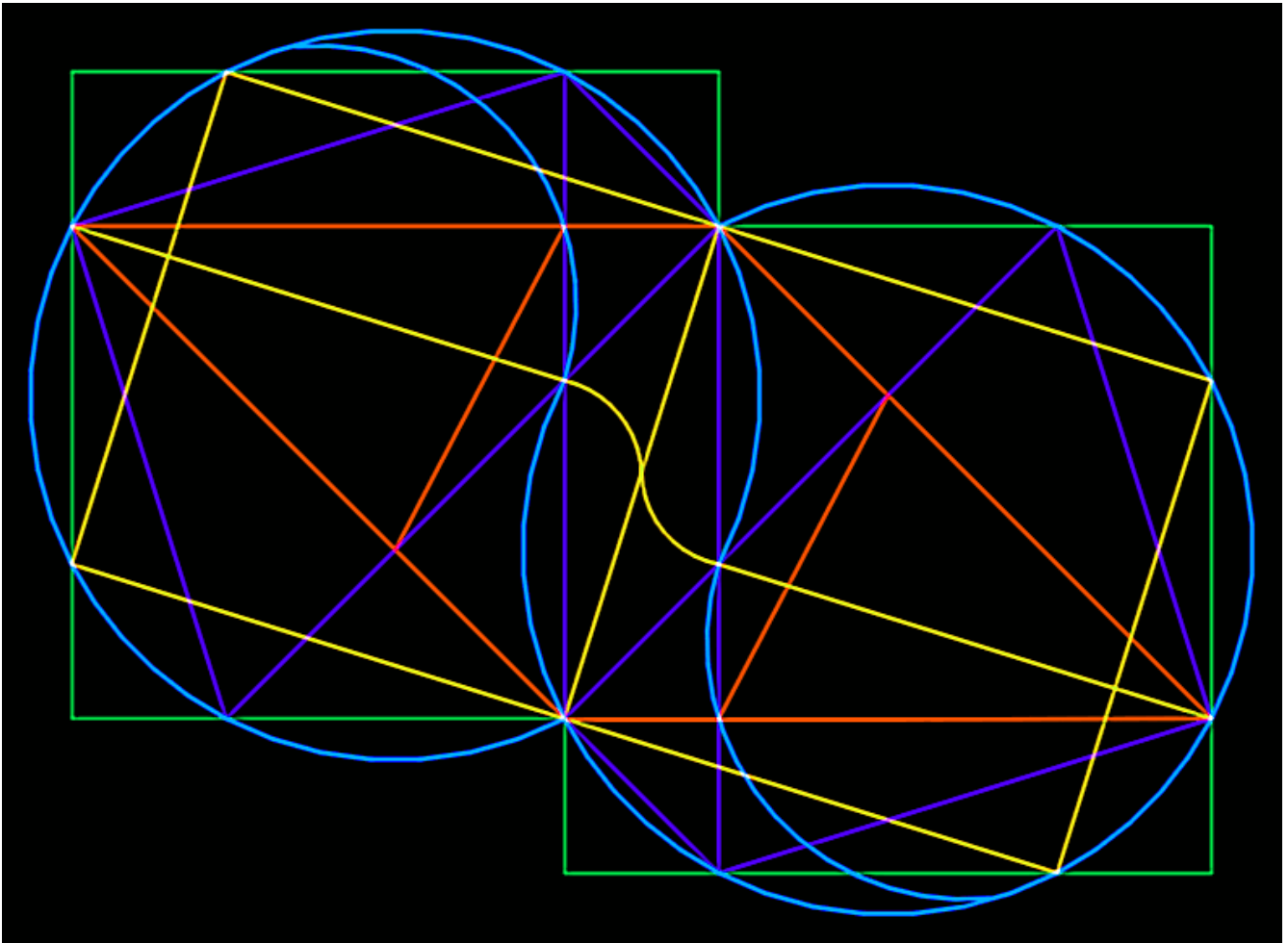
“The portal is not constrained by a gate.”

Pythagorean Pivot



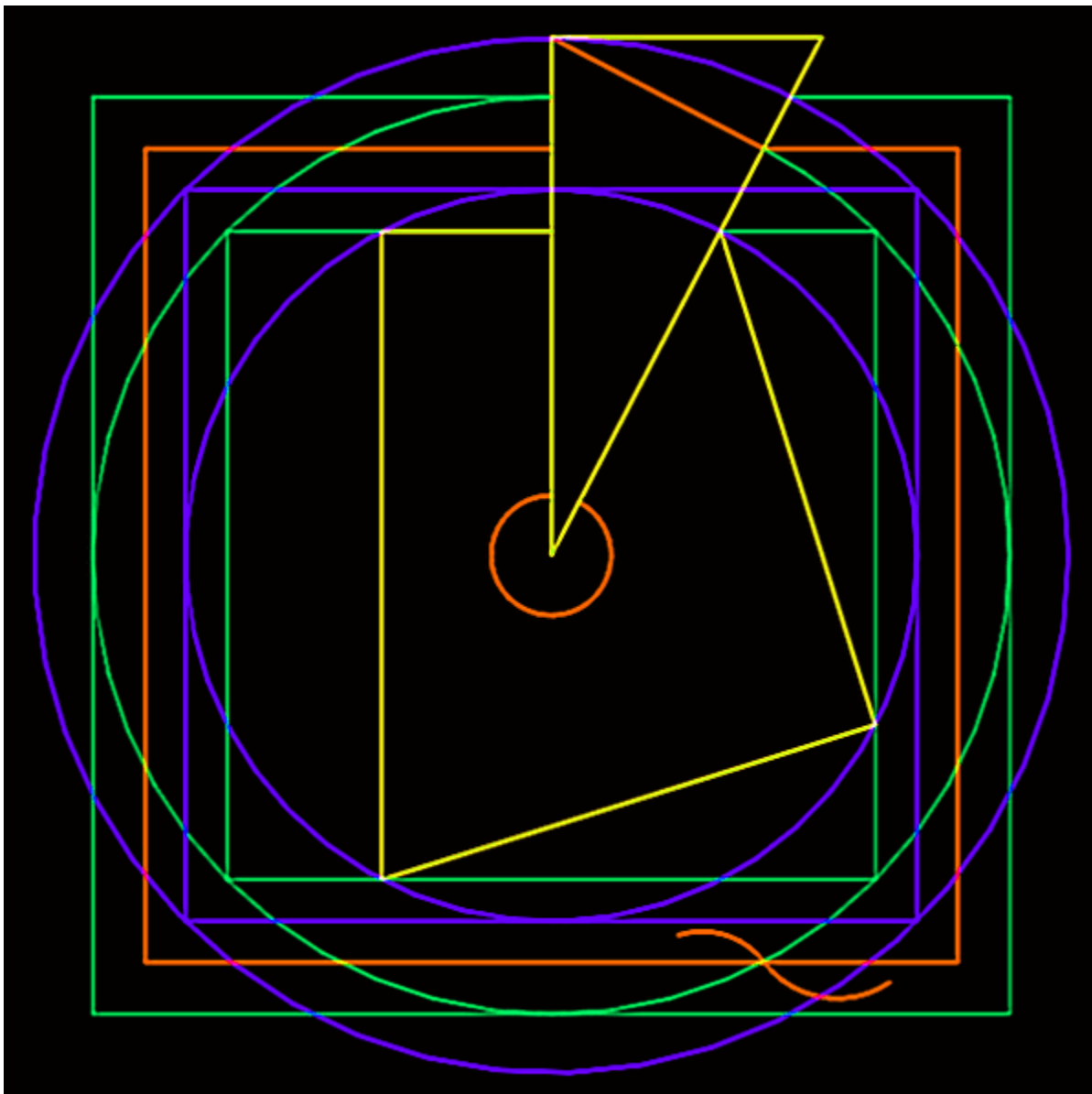
Quadrature is a delicate balance of Pi.

Pythagorean Mirror Senter



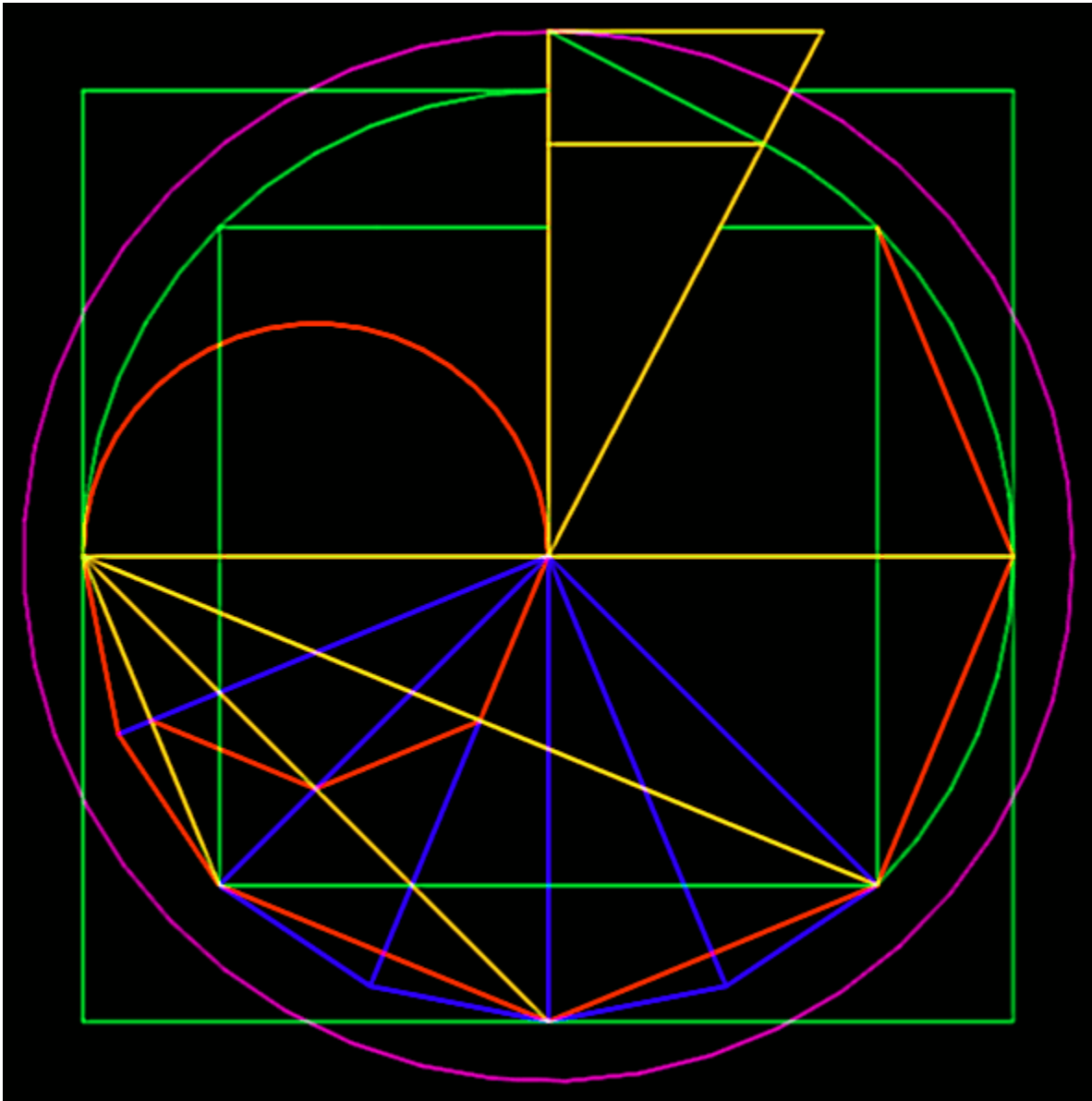
•

Quadrature!



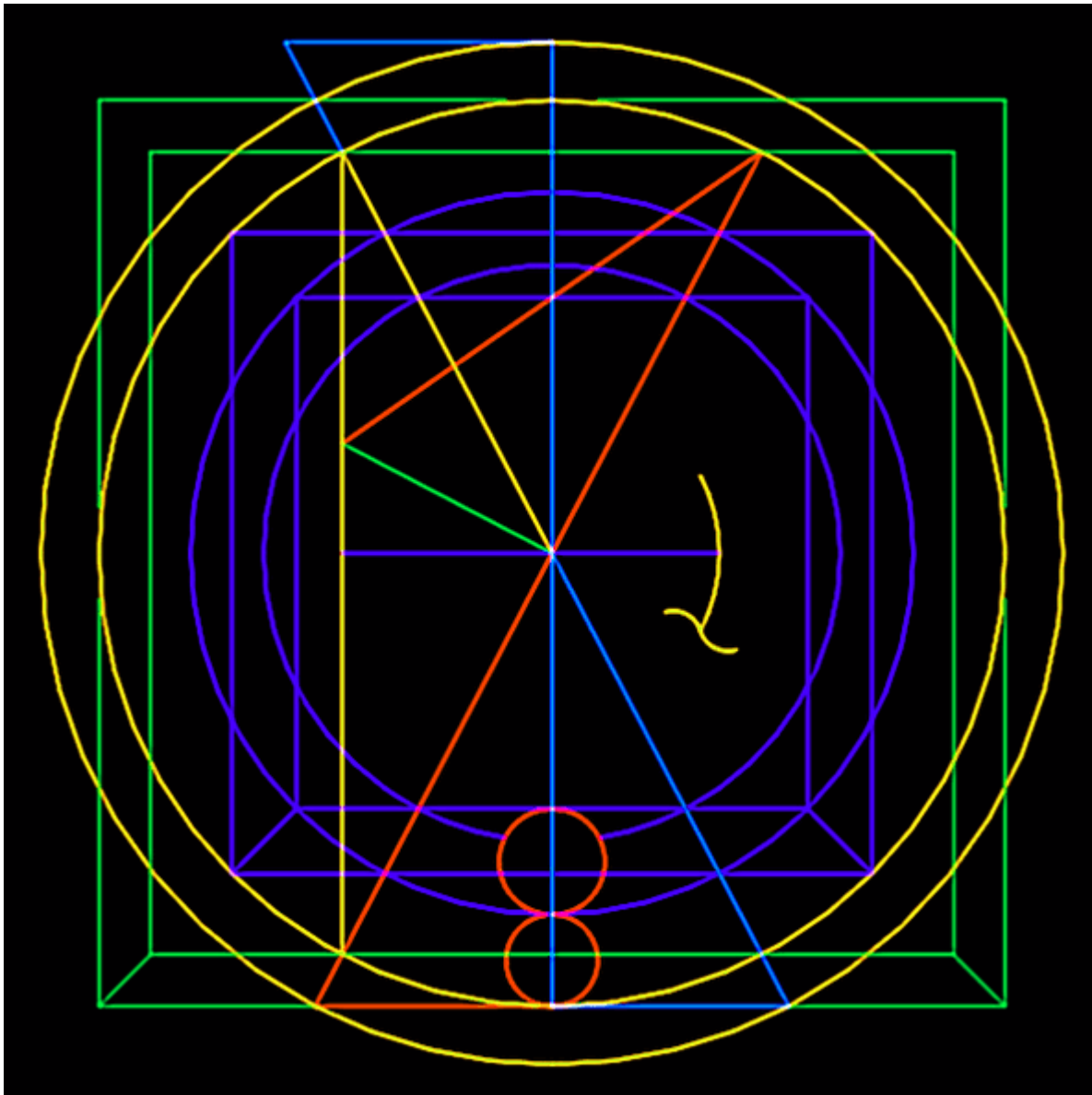
• •

Quadrature! GPS



If, then, but not yet

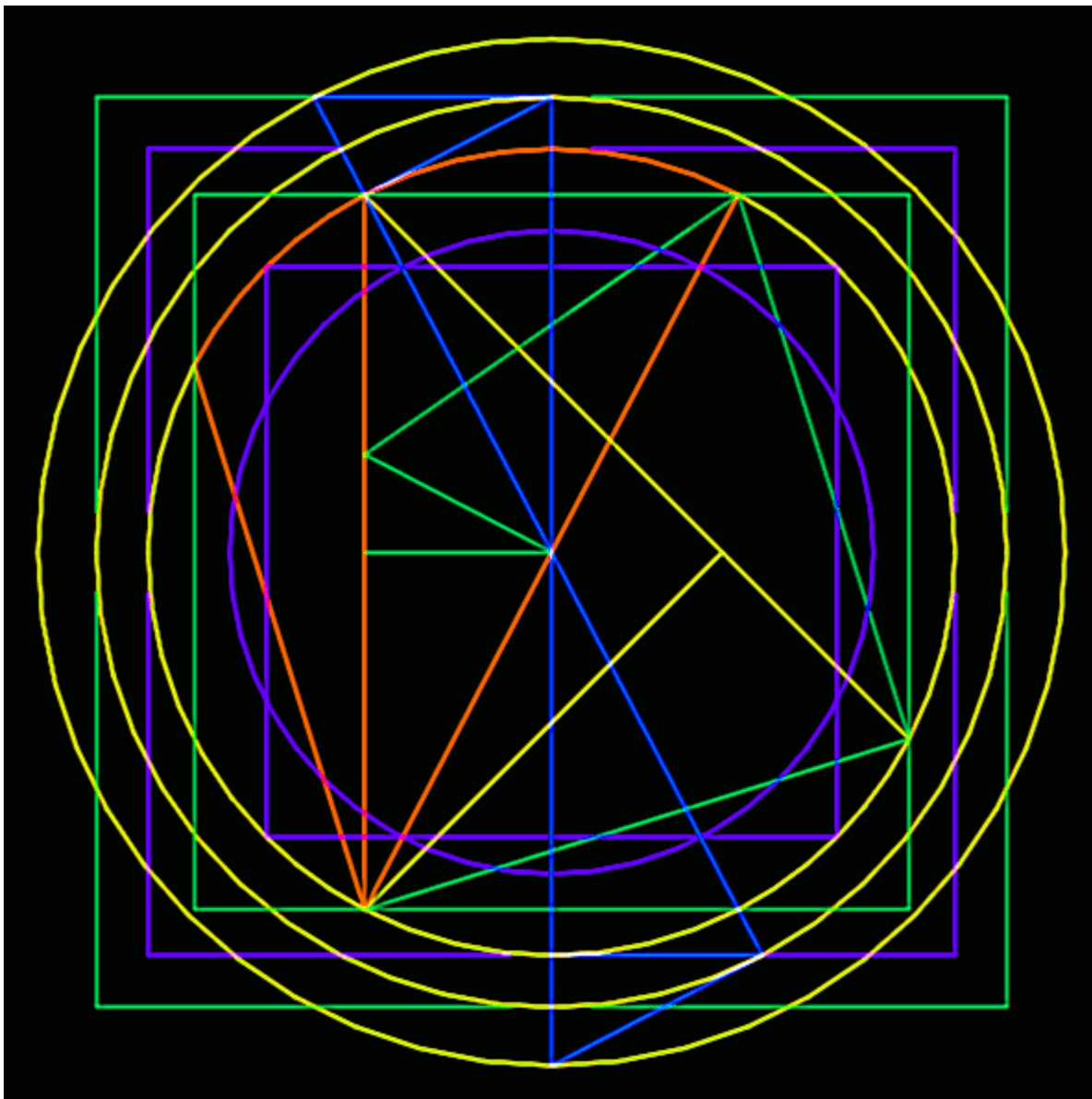
Quinale! w/ 2, sqrt(Pi), sqrt(4-Pi), 2/sqrt(Pi)



Pi Fork Numba Rumba

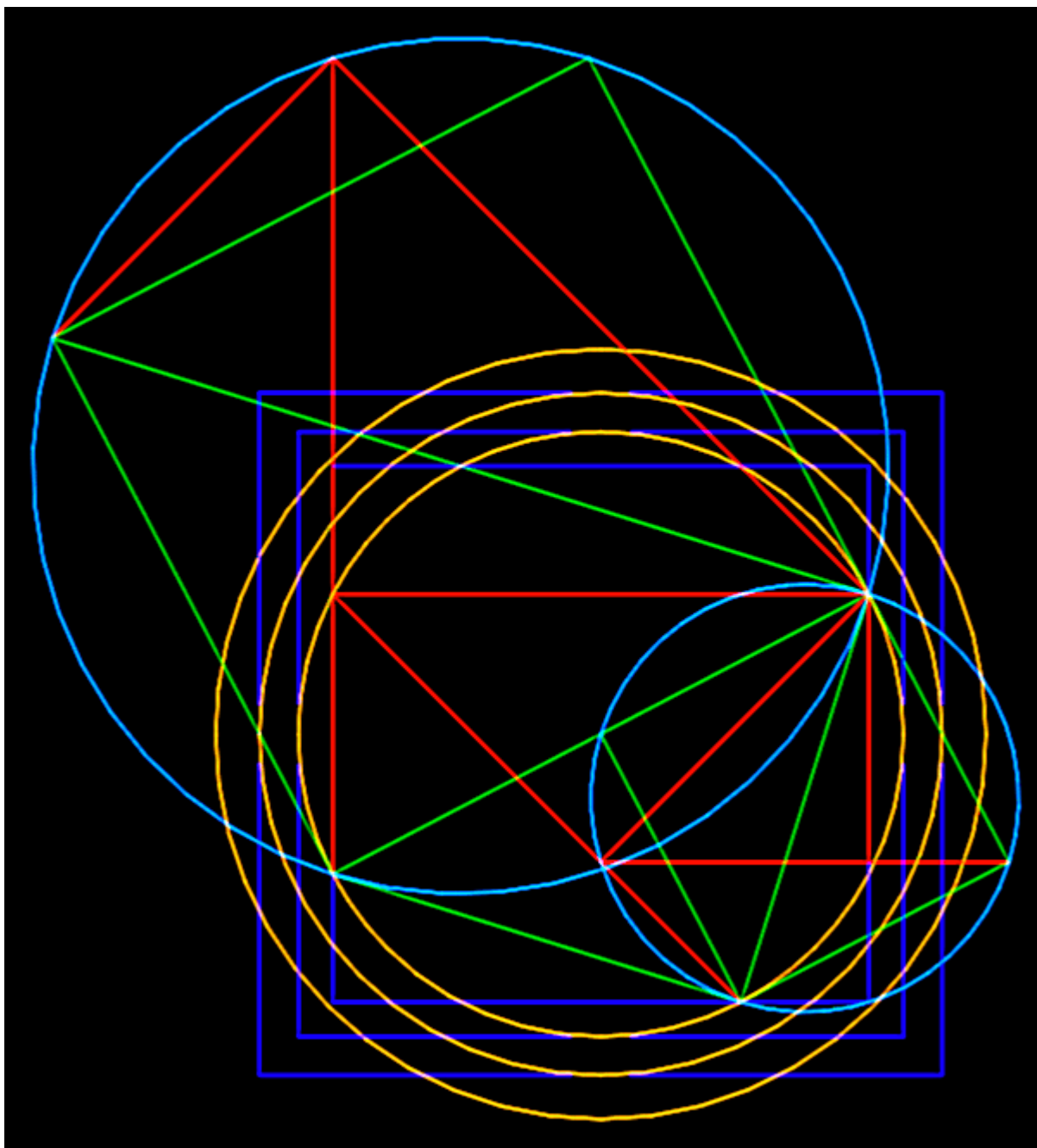
2.0	
/ 1.1283791670955125738961589031215..	2/sqrt(Pi)
= 1.7724538509055160272981674833411..	sqrt(Pi)
/ 1.1283791670955125738961589031215..	2/sqrt(Pi)
= 1.5707963267948966192313216916397..	Pi/2
2.0	
/ 1.5707963267948966192313216916397..	Pi/2
= 1.2732395447351626861510701069801..	(2/sqrt(Pi))^2

Quinale! II



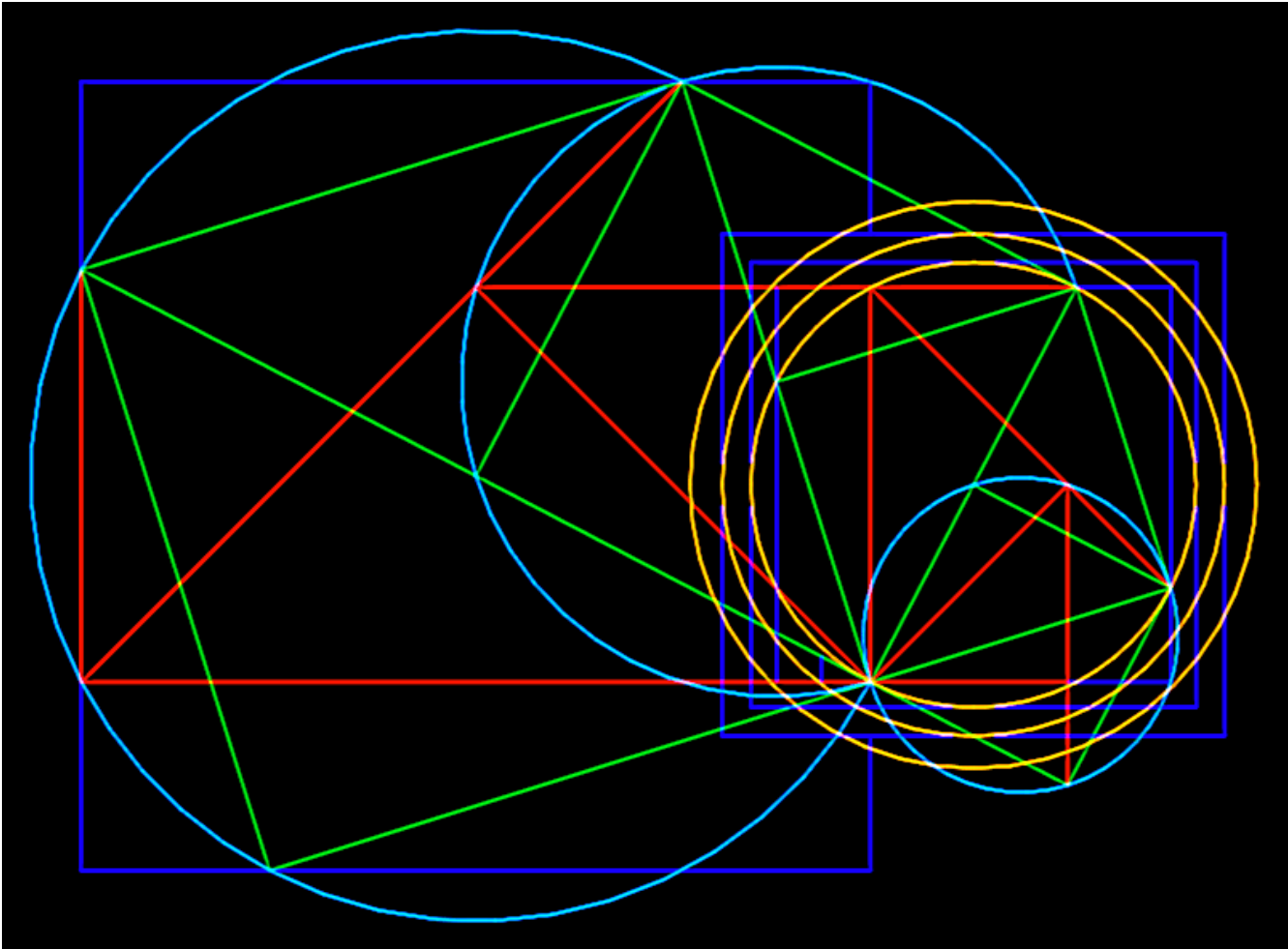
Isosceles juxtaposition w/ $2/\sqrt{\pi}$, et al.

Quinale! 2:1



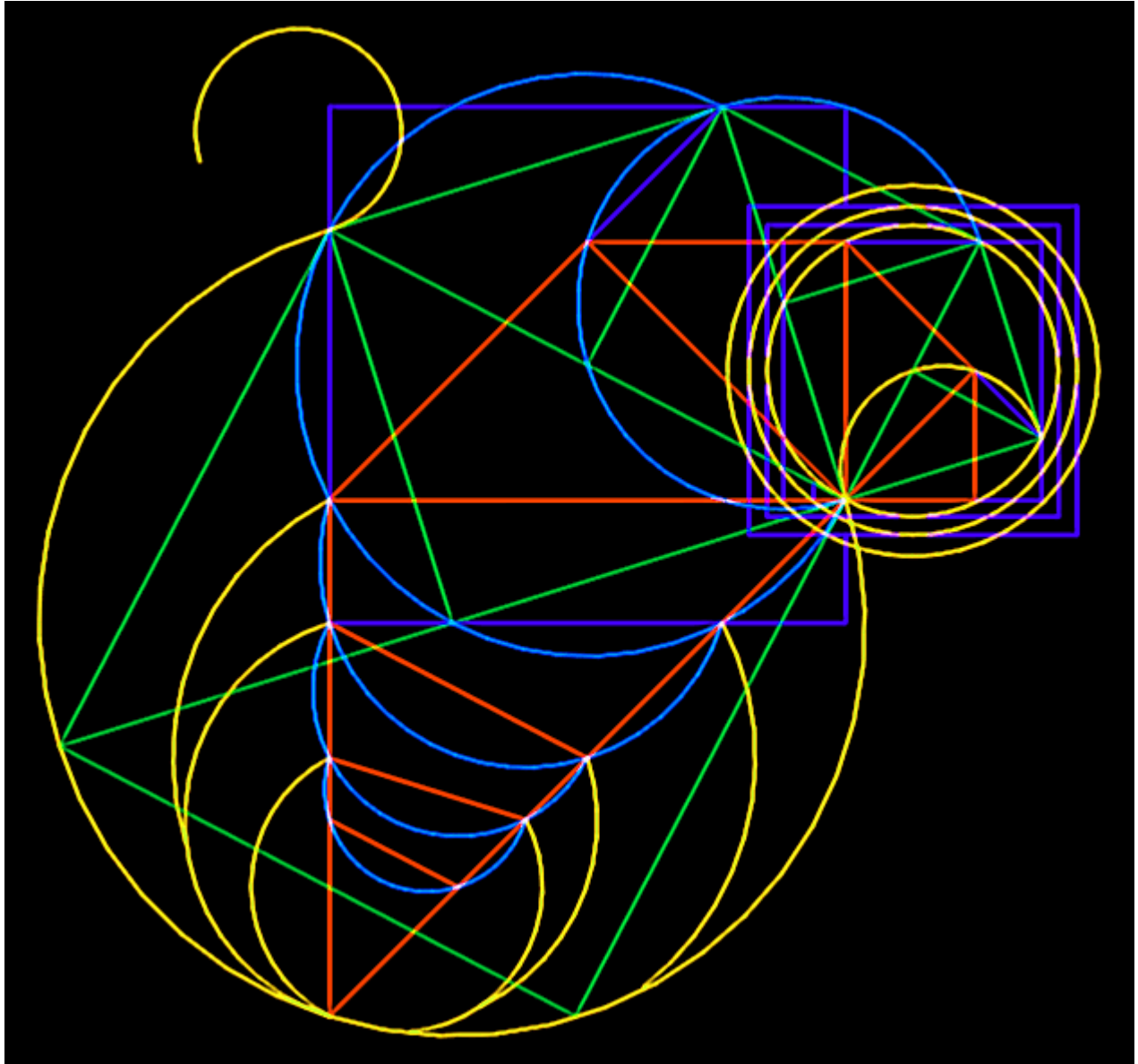
¡Olé! ... geometrically speaking

Quinale! 2:1 too



¡Olé! ¡Olé!

Quinale! 2:1 too too



¡Olé! ¡Olé! too