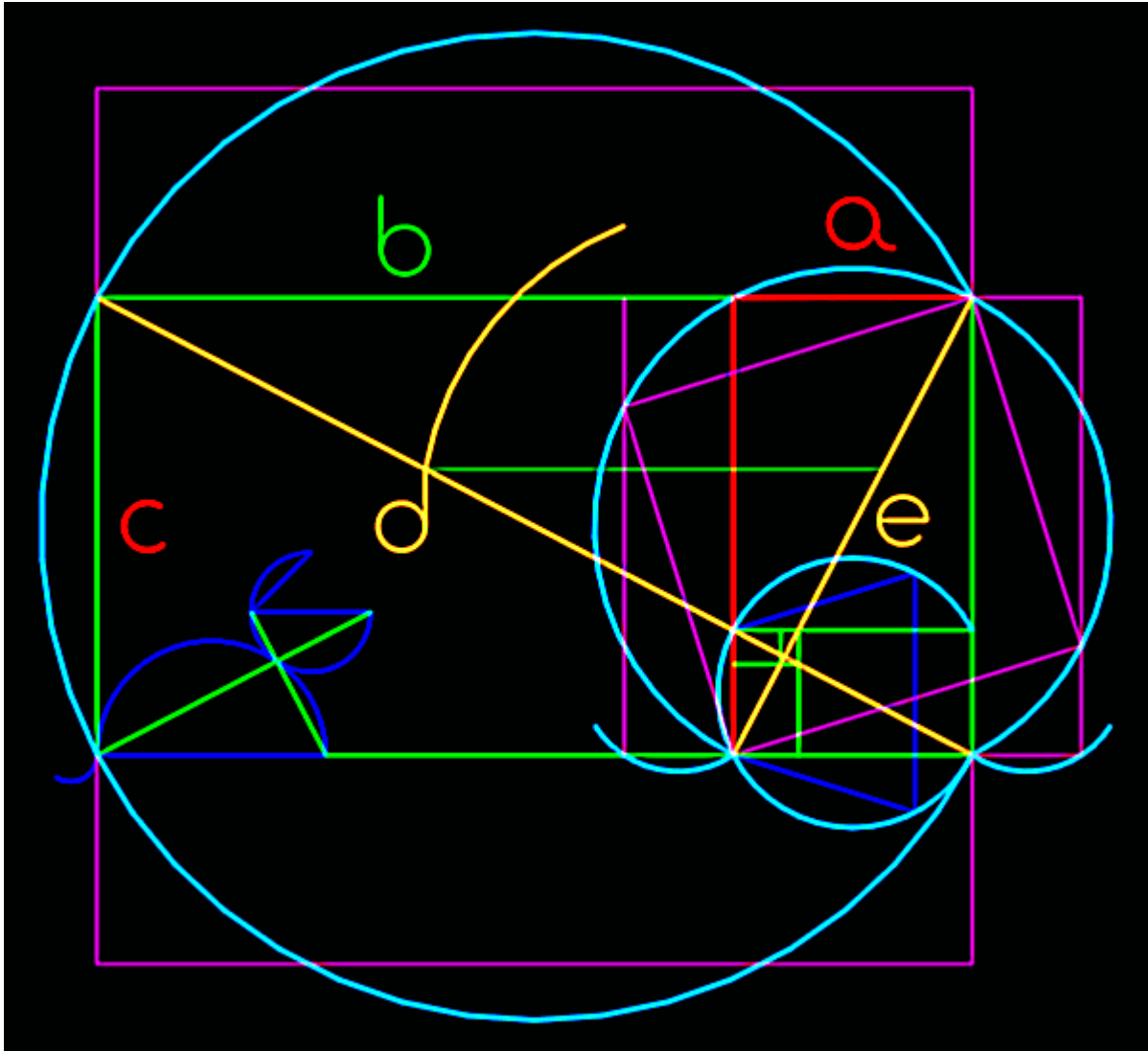


Golden rPi “Alpha to Omega” (A0m)

Get a clue and devour the concept



New millennium “golden rectangle”
featuring circle-squaring ratio $2(\sqrt{1/\pi})$
 $= d/(a+b)$ and $i\text{Phi} = c/a = (a+b)/c = d/e$
 $= 1.91305838027110079474030782802..$

To Calculate iPhi (w/ golden diagonals)

Find length of shortest side (c) of right triangle:

$$\begin{aligned} & 2,000,000,000.0 \text{ (hypotenuse)} \\ & / 1.1283791670955125738961589031215.. \ 2(\text{sqrt}(1/\text{Pi})) \\ & = 1772453850.9055160272981674833411.. \ \text{sqrt}(\text{Pi}) \times 10.. \end{aligned}$$

Apply Pythagorean Theorem:

$$\begin{aligned} & 2,000,000,000.0^2 \\ & - 1772453850.9055160272981674833411..^2 \\ & = 858407346410206761.53735661672066.. \\ & \text{sqrt}() = 926502750.35220848584275966758923.. \end{aligned}$$

Find length of shortest side's hypotenuse:

$$\begin{aligned} & 926502750.35220848584275966758923.. \\ & \times 1.1283791670955125738961589031215.. \ 2(\text{sqrt}(1/\text{Pi})) \\ & = 1045446401.7541266302735942239055.. \end{aligned}$$

Calculate iPhi* (functional complement to Phi):

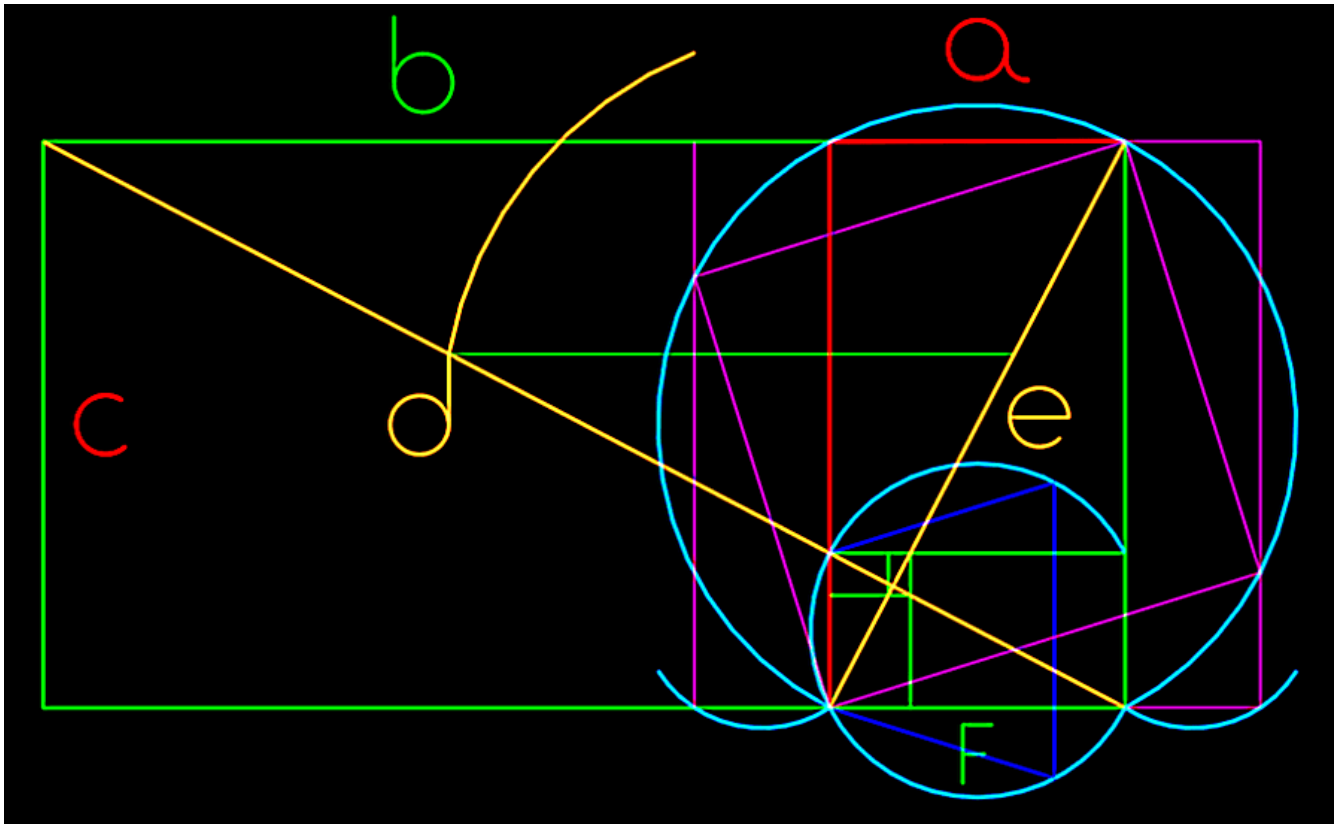
$$\begin{aligned} & 2,000,000,000.0 \\ & / 1045446401.7541266302735942239055.. \\ & = 1.9130583802711007947403078280203.. \end{aligned}$$

Confirm with sides of primary triangle:

$$\begin{aligned} & 1772453850.9055160272981674833411.. \\ & / 926502750.35220848584275966758923.. \\ & = 1.9130583802711007947403078280203 \end{aligned}$$

* Leading 'i' alludes to “impossible” squaring of circle

rPi “Golden Rectangle” Simplified



Two ratios that perfectly define
the circle-squaring right triangle
and a new “golden rectangle”

$$\begin{aligned} d/(a+b) &= 2(\sqrt{1/\pi}) = \sqrt{\pi}/(\pi/2) \\ &= 1.1283791670955125738961589031215.. \end{aligned}$$

$$\begin{aligned} c/a &= (a+b)/c = d/e = i\Phi \\ &= 1.9130583802711007947403078280203.. \end{aligned}$$

$$a = f = (a+b)/(i\Phi^2)$$

Correlation of sides of circle-squaring right triangle

Given line lengths (calculated):

a = 484304483.28550912049415032290203..
b = 1288149367.6200069068040171604391..
a+b = 1772453850.9055160272981674833411..
c = 926502750.35220848584275966758923..
d = 2000000000 (aka 2,000,000,000)
e = 1045446401.7541266302735942239055..
f = 484304483.28550912049415032290203..

Given line length ratios (calculated):

1.1283791670955125738961589031215.. $2(\sqrt{1/\pi})$
1.9130583802711007947403078280203.. $(a+b)/c = i\Phi$

Correlation of sides of right triangle:

hypotenuse : long_side : short_side
 $d/(a+b) = (d/c) / ((a+b)/c) = 2(\sqrt{1/\pi})$

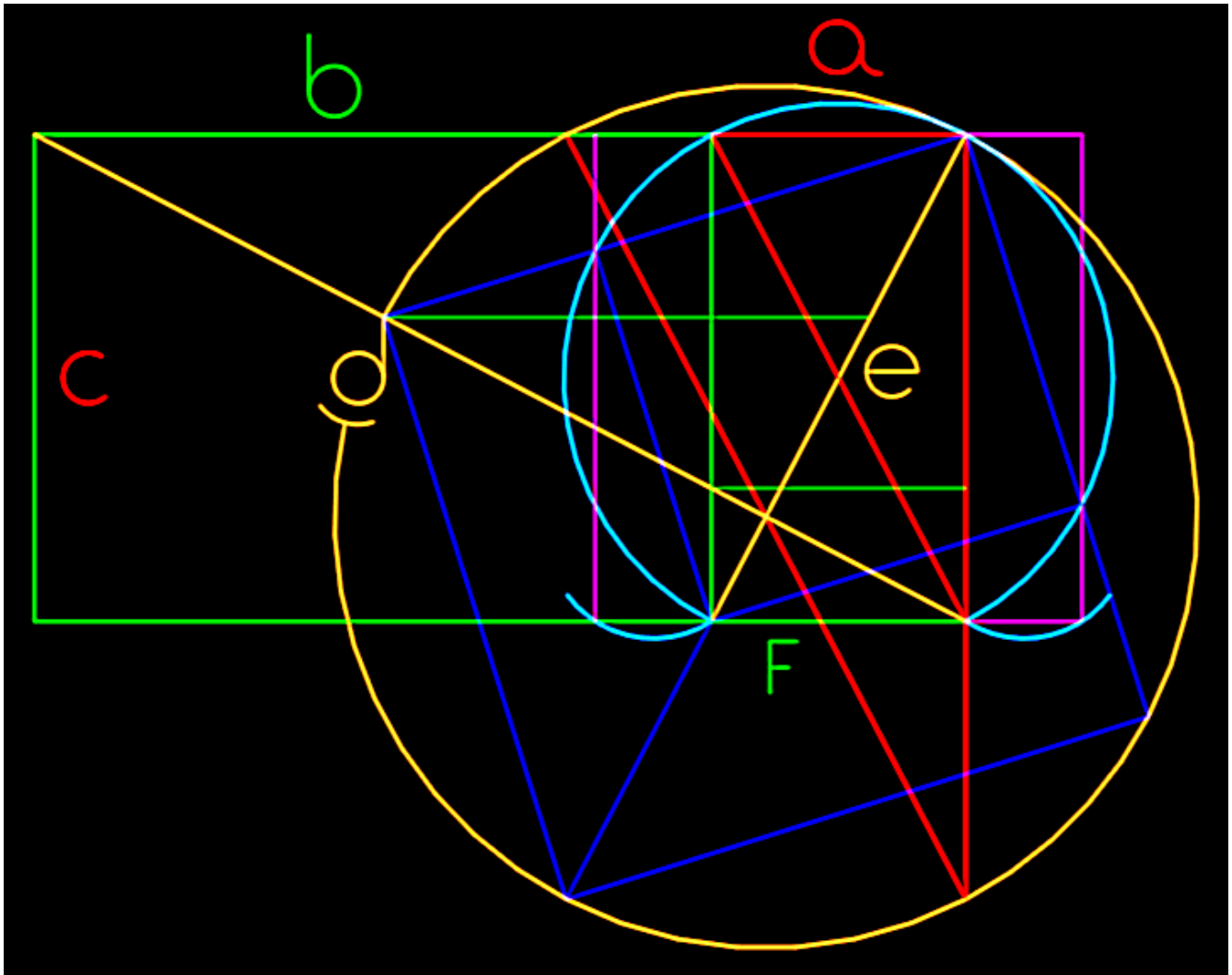
$2000000000 / 1772453850.9055160272981674833411.. d/(a+b)$
 $= 1.1283791670955125738961589031215.. 2(\sqrt{1/\pi})$

$2000000000 / 926502750.35220848584275966758923.. d / c$
 $= 2.1586552217353950788554161024243.. d/c$

$1772453850.9055160272981674833411.. (a+b)$
 $/ 926502750.35220848584275966758923.. c$
 $= 1.913058380271100794740307828020203.. (a+b)/c = i\Phi$

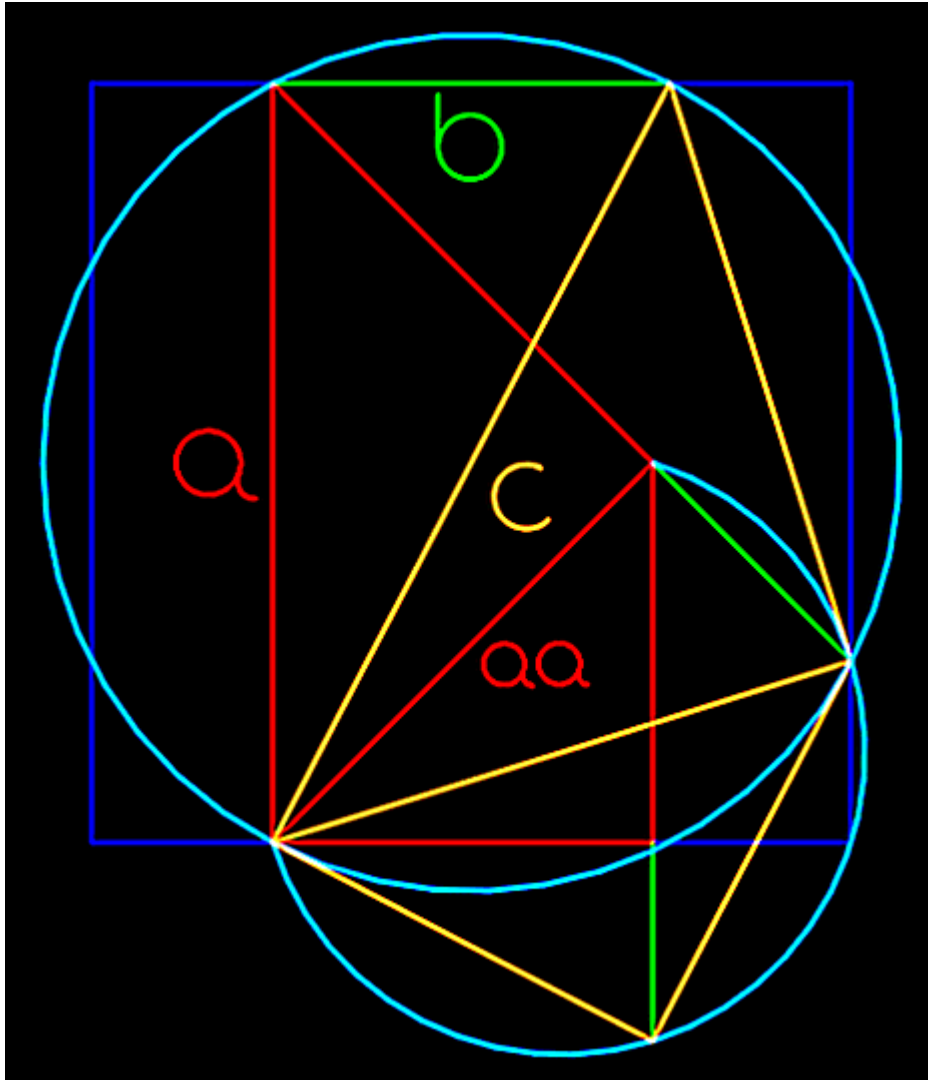
$2.1586552217353950788554161024243.. d/c$
 $/ 1.913058380271100794740307828020203.. (a+b)/c$
 $= 1.1283791670955125738961589031215.. 2(\sqrt{1/\pi})$

GPSR Calculator



Purpose and operation unknown!
Begg question: "What's the point?"
... but answers: "What's the point?"

The Right Triangle(s)



Line length ratios:

$$c/a = 1.1283791670955125738961589031215..$$

$$a/b = 1.9130583802711007947403078280203..$$

Angles (opposite named line):

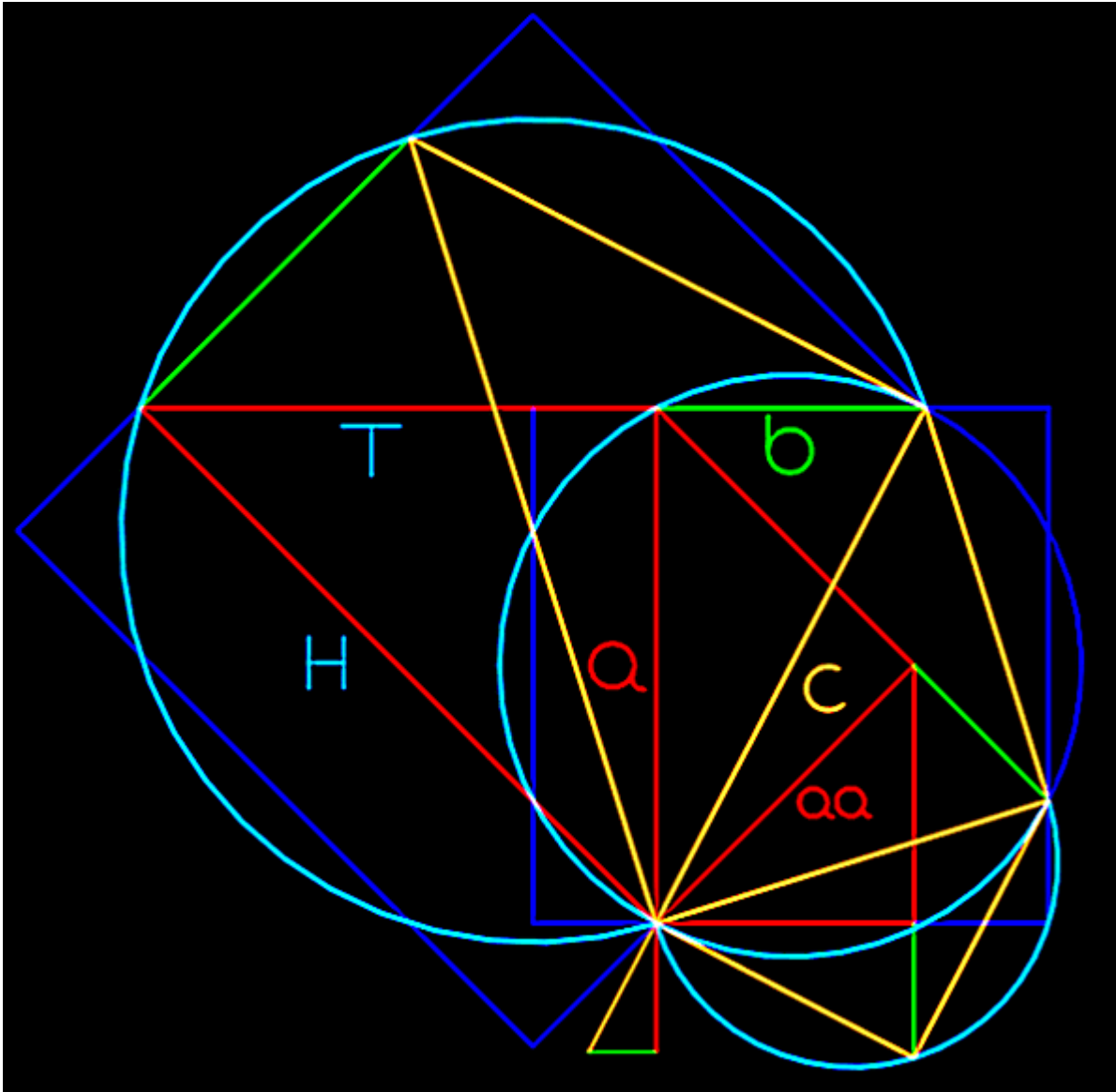
$$c' = 90 \text{ degrees}$$

$$a' = 62.4028873643093955482677952476..$$

$$b' = 27.597112635690604451732204752339..$$

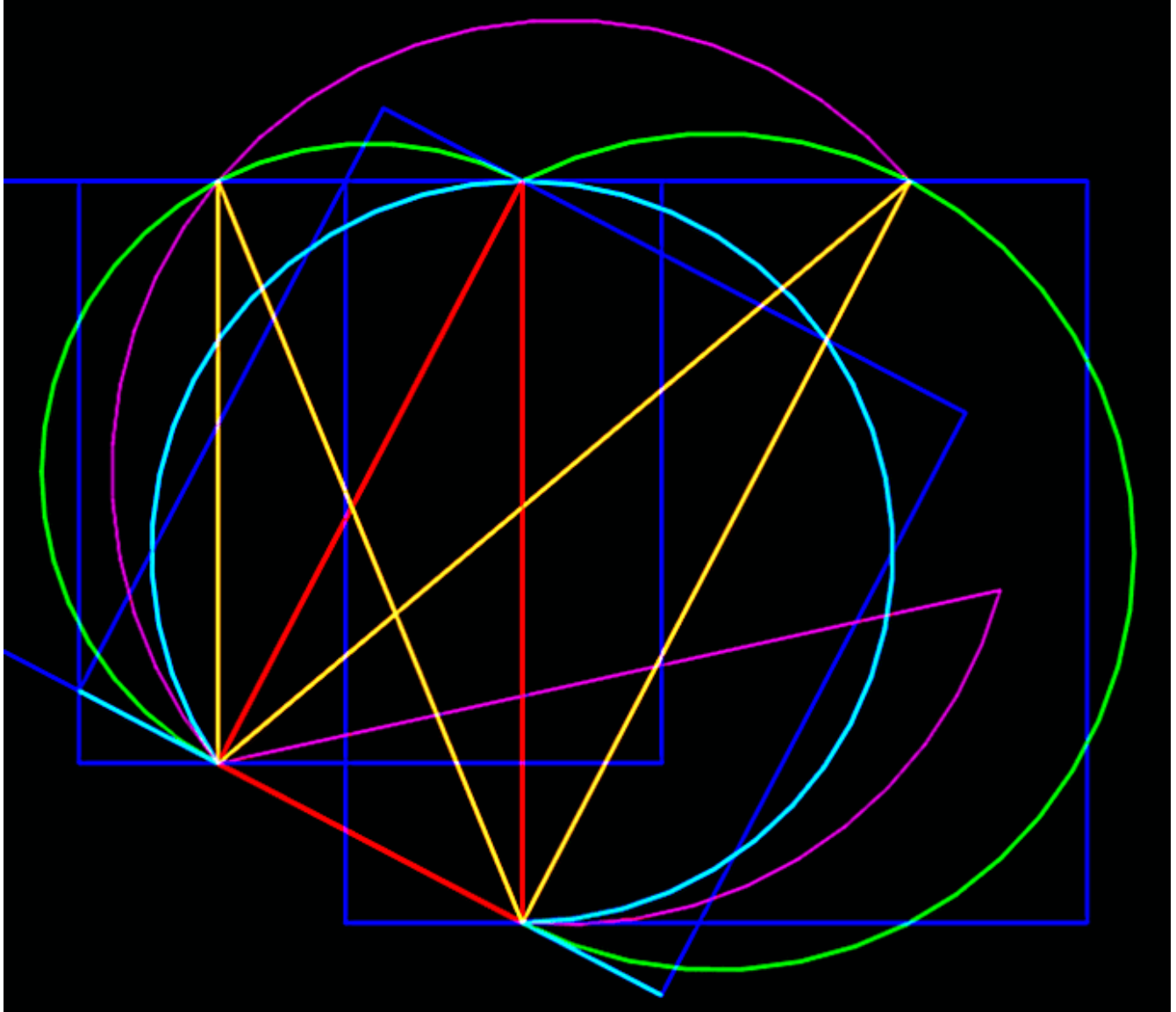
Pi relationship: $c/a = 2(\sqrt{1/\pi}) = 2.0/\sqrt{\pi}$
 $= \sqrt{\pi}/(\pi/2) = (\pi/2)/\pi(\sqrt{\pi})/4$

T-Squares (t,b,a)



A squared circles spiral that highlights
the defining geometric 'T' of the "iPhi" ratio:
 $a/b = 1.913058380271100794740307828..$

Three Pi Vise

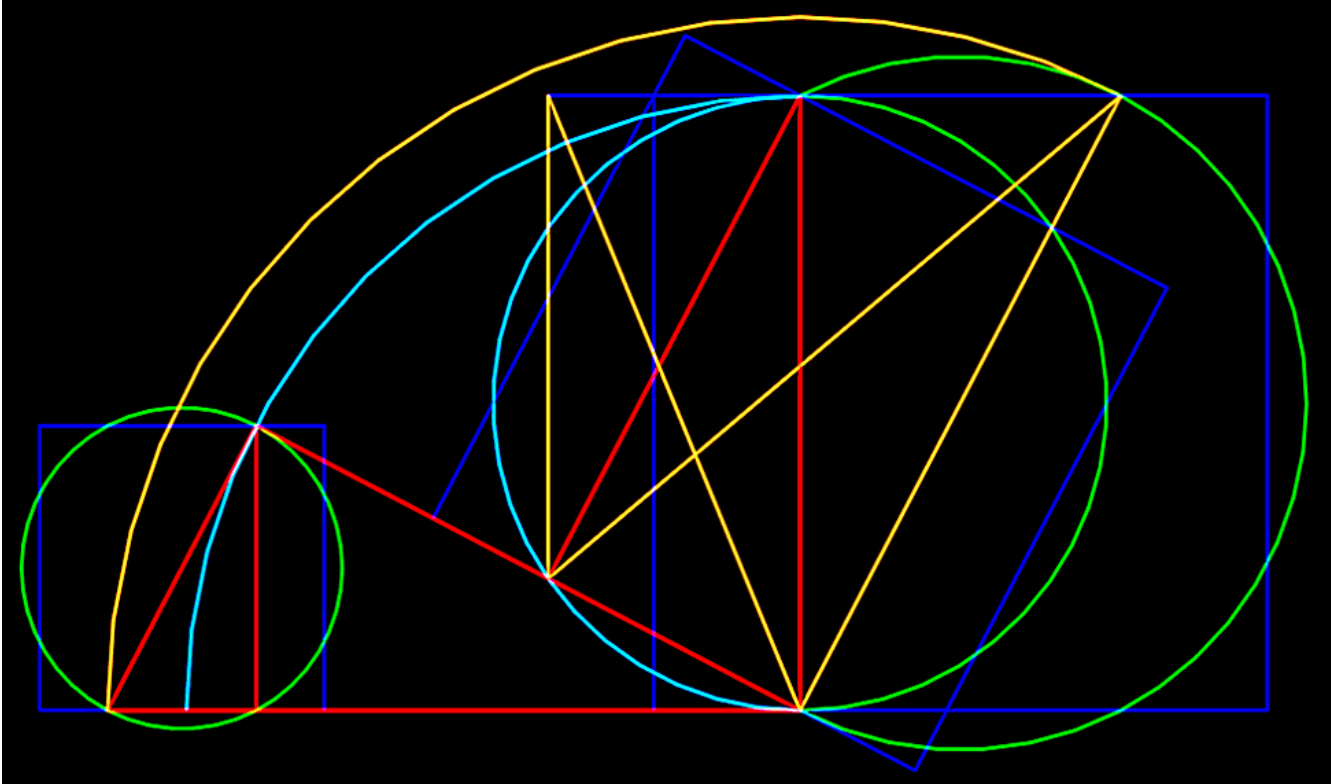


See how they run!
... in the “impossible” House of Pi.

Diameters = 2.0, $\sqrt{\pi}$, $\pi/2$
Paramount ratio = $2(\sqrt{1/\pi})$

Did you ever see such a thing in your life?

TPV Indeed!



The new wave will embrace the moon.