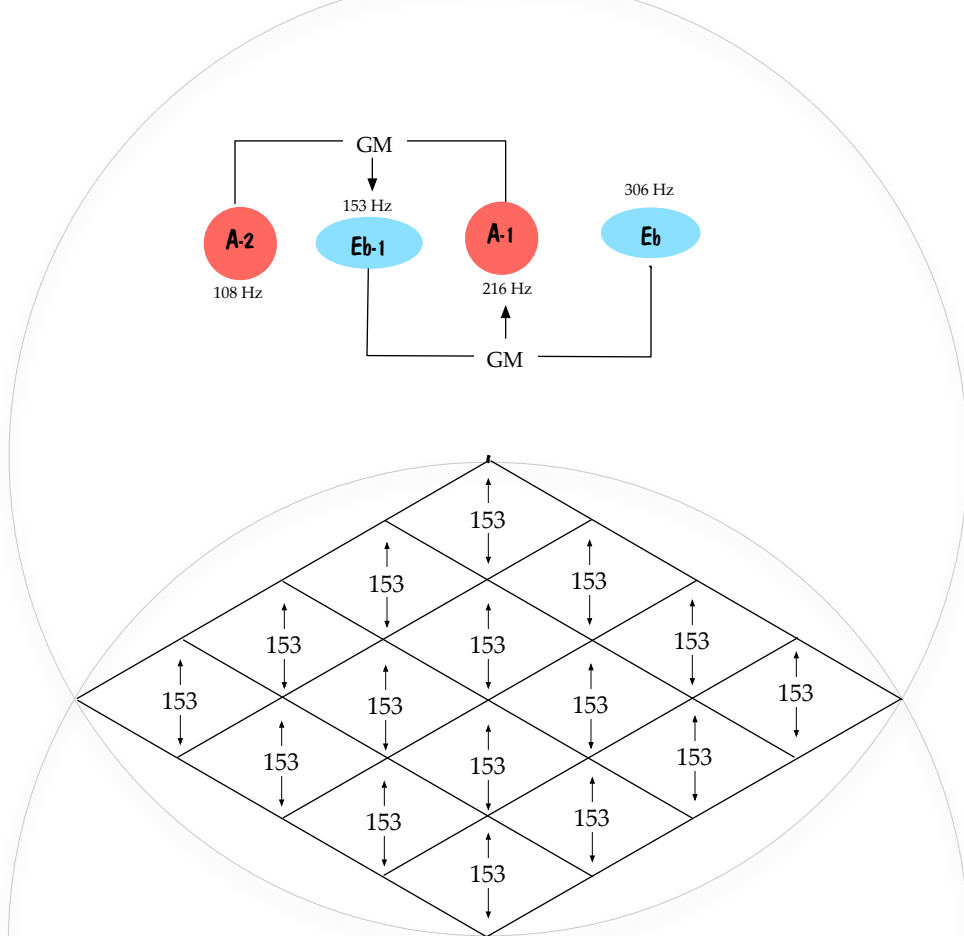


There is an excellent explanation of the mathematical geometry of the vesica piscis and the fishes in the net in both John Michell's **Dimensions of Paradise** and David Fideler's **Jesus Christ, Sun of God**. The same story is related about both Pythagoras and Jesus knowing the exact number of fishes in the net. In the bible, the exact number of fishes is given as 153. In the Pythagorean version, the actual number is not given—only that Pythagoras knew exactly how many fish were in the net, and when he was found to be correct, asked that the fishes be freed back into the water.

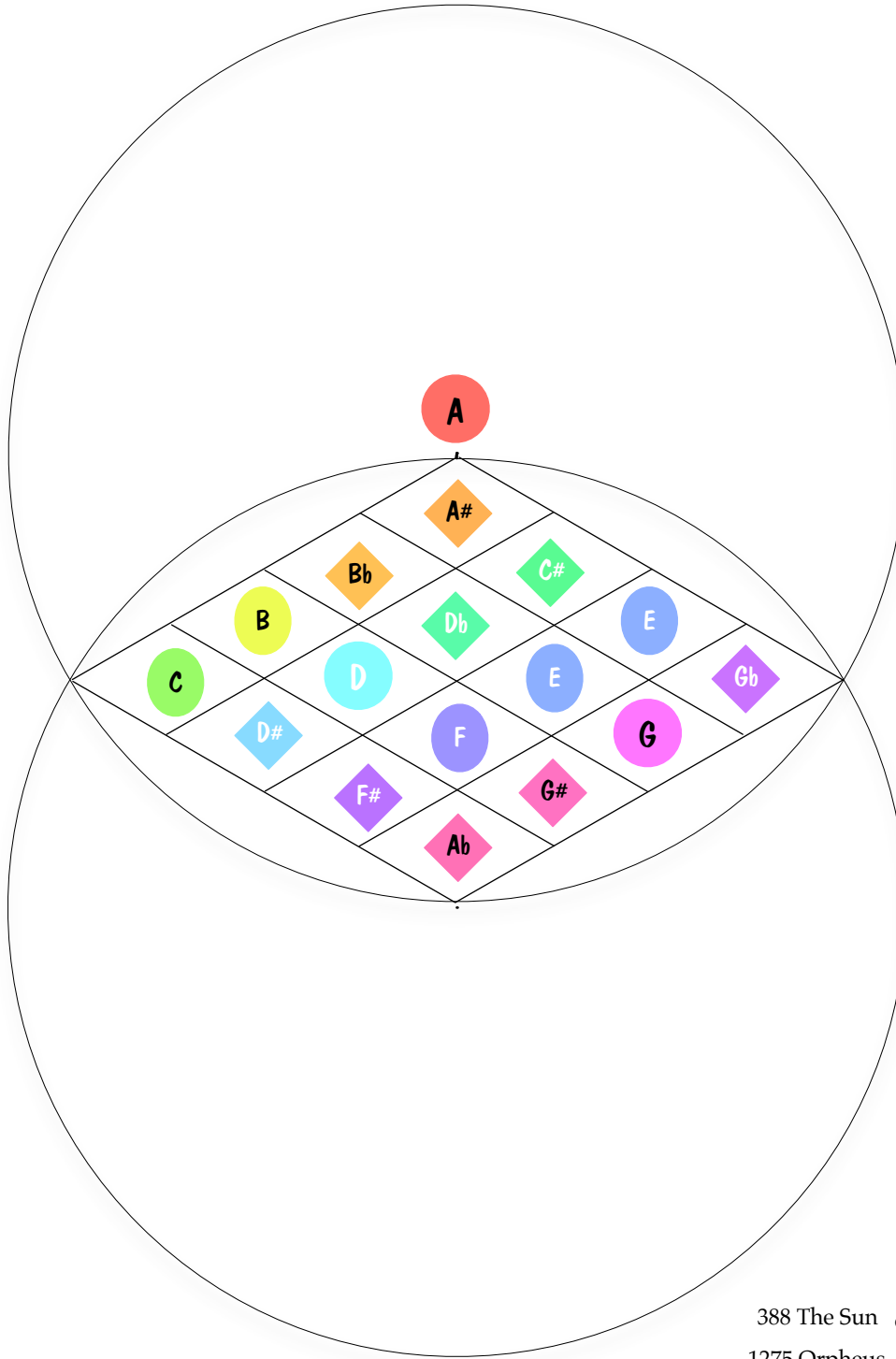


To add musically to this incredibly deep symbol, if the note at A432Hz is used as the basis (and it is a good basis because the radius of the Sun is 432,000 miles and the gematria for 432 is “foundation” καταβολη), then the geometric mean of octave A216 and A108 is Eb153 (152.735 exact)! Also, although A432 is the hertz basis, I am using the note D as the ratio of 1/1, the ratio from which all other ratios are generated. The octave D144 is in relation to Eb153 in the ratio of 17/16, which is again in Greek gematria ο λογος ιθυς, “the true ratio,” when 17/16 is used in it’s decimal form 1.062.

153 as the Measure of “the Fish” in Archimedes

The whole number ratio 153:265, which Archimedes uses for $\sqrt{3}$ in his treatise **On the Measurement of the Circle**, corresponds to the height and length of each rhombus in the diagram of the 153 fishes in the net. Since 153:265 was known as the “measure of the fish” or vesica piscis in pre-Christian times, those skilled in mathematics would have immediately recognized the story of the 153 fish in the net as a geometrical “story problem.” In terms of accuracy, the ratio 153:265 differs from the real value of $\sqrt{3}$ by about one part in 10,000.

If the enharmonic notes used in equal temperament (like the black keys on a keyboard) are separated out and treated as different notes, the total number of notes is 17 rather than the 12 notes of 100 cents each in equal temperament. This is just the right number of notes needed to fill in the diamond net of the vesica piscis. There are 16 small diamonds and the one big diamond which is the outer frame. The ratio of 17/16 in it's decimal form is 1.062. What makes this remarkable is that 1062, in Greek gematria, is ο λογος ιθυς, "the true ratio"



A	180° (0)
A#	209°31 (30)
Bb	216° (36)
B	247° 19 (67)
C	280° (100)
C#	315° (135)
Db	322° 40 (143)
D	0° (180)
D#	19° 41 (200)
Eb	24° (204)
E	45° (225)
F	66° 36 (247)
F#	90° (270)
Gb	95° 06 (275)
G	120° (300)
G#	146° 09 (326)
Ab	151° 55 (331)

388 The Sun ο Ηλιος
 1275 Orpheus Ωρφευς
 864 Pythagoras Πυθαγορας
 Total=2527

Total degrees = 2527°57' . 2527=7x19^2