
HARMONIZING STRUCTURES WITH SONIC PLATONIC SOLIDS

by Carolina Caroprese

The Platonic Solids

Essence of observable reality. The basic shapes that underlie the structure of the universe, and the power sources of creation, this includes human physiology and nature. Are connected to the energy of the Earth. Connected to the 5 elements of creation and can be applied to the human energy field for powerful energetic and spiritual purposes.

By finding the corresponding frequencies of each, it is possible to create different applications of sound and shape that can manifest a new life. This helps the transition into a more harmonious state where a better reality will take place.

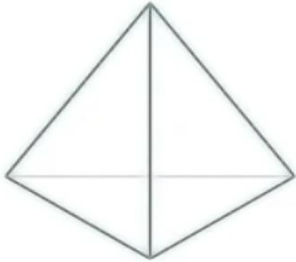
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The Platonic Solids are regular polyhedrons.

All angles congruent + All edges congruent
Tetrahedron, Hexahedron, Octahedron,
Icosahedron, Dodecahedron.

TETRAHEDRON

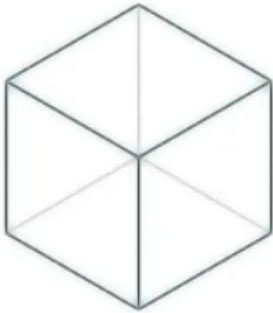
(THE POWER OF FIRE)



- 4 vertices
 - 6 edges
 - 4 faces
 - Each face is an equilateral triangle
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- Represents divine unity
 - Manifestation purposes
 - Power and acceptance to support change
 - Joy, motivation and enlightenment

HEXAHEDRON

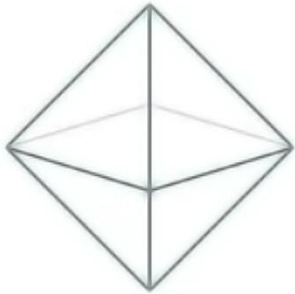
(THE POWER OF EARTH)



- 8 vertices
 - 12 edges
 - 6 faces
 - Each face is a square
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- Represents structure and foundation
 - Promotes organization of ideas
 - Can reduce stress and remove tension
 - Groundedness and positive attitude
 - Reconnect Nature

OCTAHEDRON

(THE POWER OF AIR)



- 6 vertices
 - 12 edges
 - 8 faces
 - Each face is an equilateral triangle
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- Represents mental processes
 - Boosts mental focus and stimulates fresh ideas
 - Increased self-awareness
 - Acceptance, forgiveness, and compassion

ICOSAHEDRON

(THE POWER OF WATER)



- 12 vertices
 - 30 edges
 - 20 faces
 - Each face is an equilateral triangle
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- Linked to life energy, fluidity, and emotional state
 - Provides dynamic movement
 - Its key function is transformation
 - Removing emotional blockages

DODECAHEDRON

(THE POWER OF ETHER)



- 20 vertices
 - 30 edges
 - 12 faces
 - Each face is a regular pentagon
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- Represents the dynamic life force itself
 - Connection with the whole universe
 - Interconnection of all beings and creation
 - Rekindles connection with inner being
 - Increases acceptance of experiences

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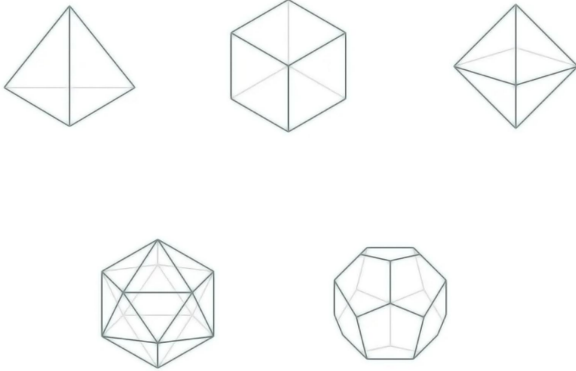
Conversion from Platonic Solids to Frequencies and Notes.

The angles by themselves are:

60, 90 and 108

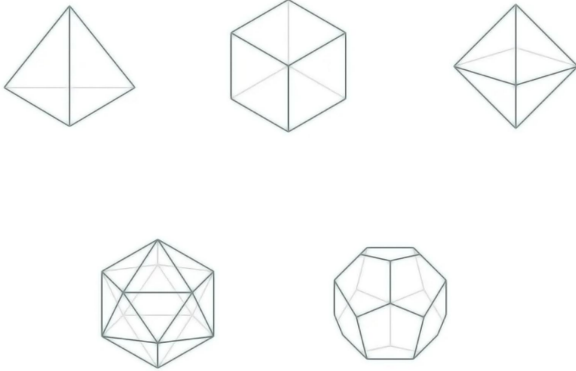
(B1 - F#2 - A2)

— PLATONIC SOLIDS GEOMETRIES TO FREQUENCIES



- The sum of these angles within a face are:
180, 360, 180, 540, 180
F# - C#
- Multiplying these summed angles by the number of faces of each Platonic Solid:
720, 2160, 1440, 6480, and 3600
an F#9 chord:
F#5 - C#7 - F#6 - G#8 - A#7
- Multiplying the original angle degree by the total vertices:
240, 720, 360, 2160, 720
a B9 chord:
B3 - F#5 - F#4 - C#7 - F#5

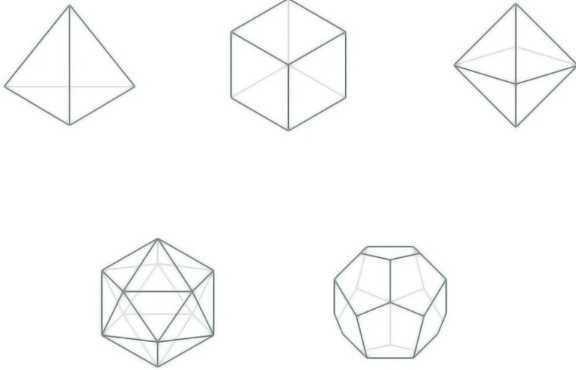
— PLATONIC SOLIDS GEOMETRIES TO FREQUENCIES



- Multiplying the sum of the angle degrees by total vertices:
720, 2880, 1080, 10,800 and 2160
F#5 - F#7 - C#6 - C#7
- Multiplying the original angles by total faces:
240, 540, 480, 1296 and 1200
B3 - C#5 - B4 - E6 - D#6
- Multiplying the original angle degree by number of edges:
360, 1080, 720, 3240, and 1800
an F#5 chord:
F#4 - C#6 - F#5 - G#7 - A#6

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PLATONIC SOLIDS GEOMETRIES TO FREQUENCIES



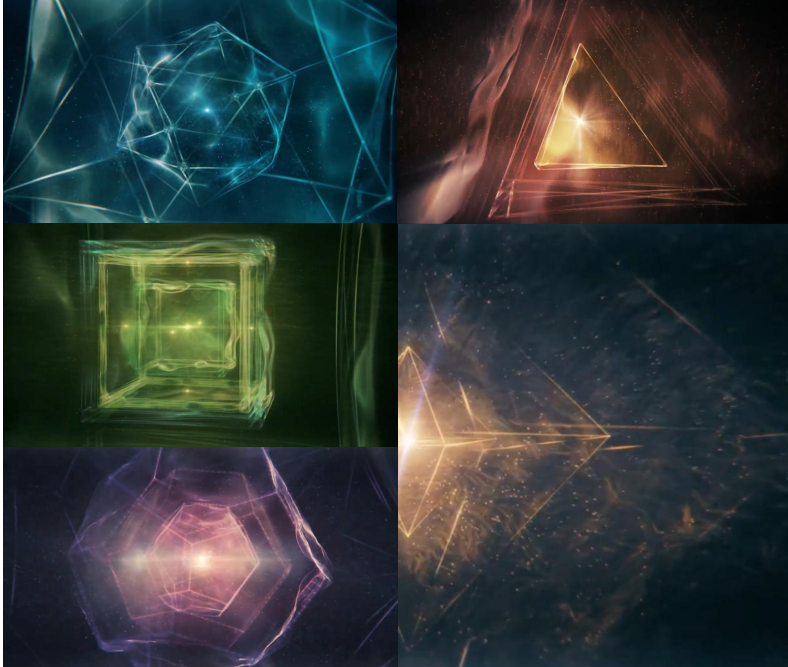
- Multiplying the sum of the angle degrees by the number of faces meeting at vertex 108, 270, 240, 324, and 300,
F#3 - C#4 - B3 - E4 - D#4
- The notes generated by these computations allow us to create two Scales:
B Major:
B - C# - D# - E - F# - G# - A# - B
F#:
F# - G# - A# - B - C# - D# - E#/F - F#

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Sonic Platonic Solids for Meditation and Healing

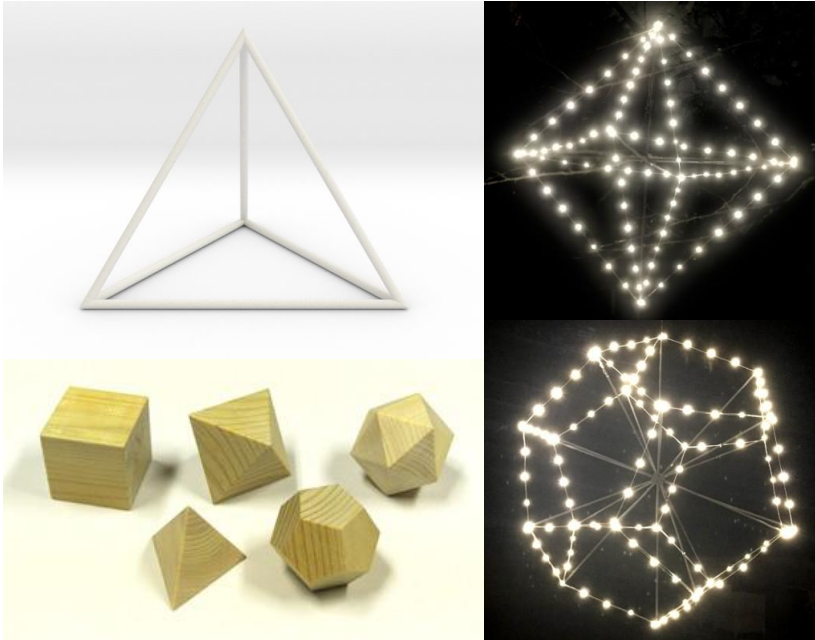
Possible Applications

VIRTUAL EXPERIENCE



- Create audio-visuels where the Platonic Solids are rotating in space with the accurate frequencies.
- Create immersive environments where people can interact with movement.
- Design an Augmented Reality for healing.

PHYSICAL EXPERIENCE



- Create the five Platonic Solids with integrated sound, so people can hold them and listen to them in a meditative way. By contemplating volume, shape, angle and sound.
- Add manipulable Platonic Solids for sound healing.
- Experiment adding Platonic Solids frequencies in different ways.

Personal sound experiment
based on the Platonic Solids >>

