

Supersymmetry

Score Excerpt



From the album Planetary Alignment

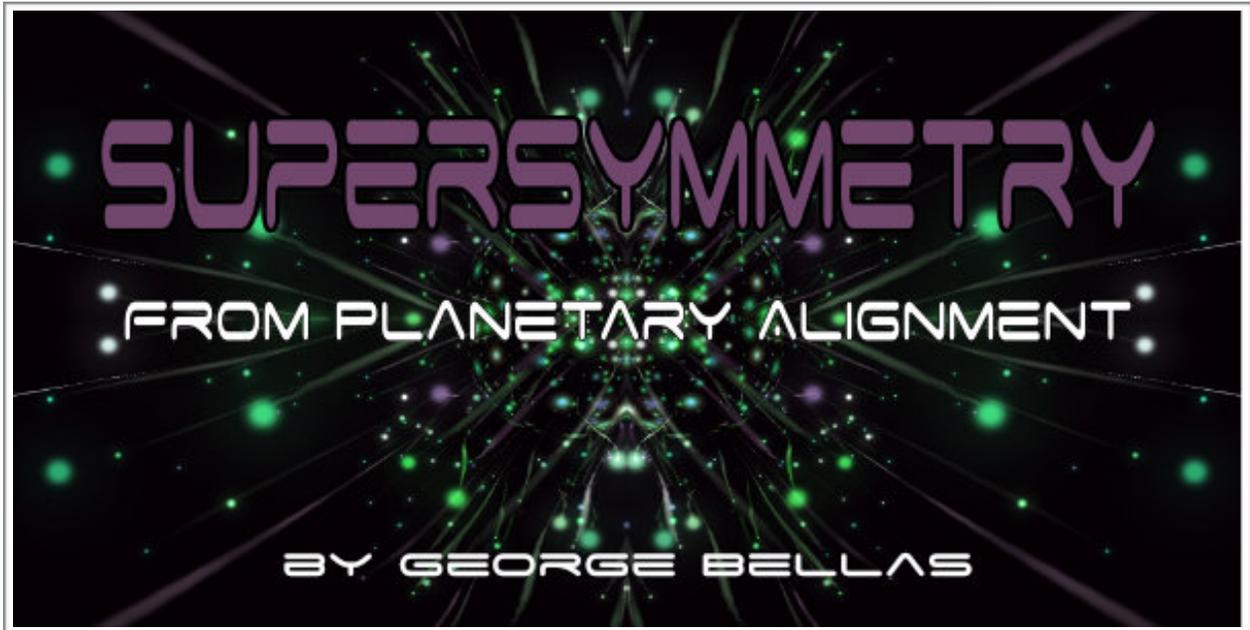
by George Bellas

[Available on Apple Music](#)

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Transcription Notes

Supersymmetry is the tenth song on the 2008 album “Planetary Alignment” by George Bellas. This song begins with a tutti introduction in 62/16 that is subdivided into groups of the Fibonacci Number Series within C Enigmatic. Section A is in 34/16 and based on harmonic structures within C Enigmatic. Section B is in mode three of C Enigmatic and is based on the Triangular Number sequence: 21/16, 15/16, 10/16, 6/16, 3/16, 1/16 which then mirrors itself in retrograde. Section C is in 30/16 and based on the 7-tone scale: C, C#, D#, E, F#, A, Bb. The middle Episode that starts at measure 60 uses a tetrahedral number sequence for the meters and bitonal major chords for the harmonic structure. After the tetrahedral number sequence, there is one measure of 4/4 that leads into the re-transition for the recapitulation. *The recapitulation is not notated.*

The Coda begins at measure 119 in 35/16 and concludes with a final cadence in 3/4 that uses a tritone to equally divide the 12-tone chromatic scale creating an elegant symmetry that ends the song.

SUPERSYMMETRY

From the album "Planetary Alignment"

Written by George Bellas

1 C Enigmatic Scale
Piano Fibonacci Number Series

System 1: Measures 1-16. The score is in 6/2 time. The piano part (treble clef) is mostly silent, indicated by a whole rest. The bass part (bass clef) features a complex, rhythmic pattern of eighth and sixteenth notes, primarily in the lower register.

System 2: Measures 17-34. The piano part (treble clef) begins with a series of chords and melodic fragments, including a prominent F#4 note. The bass part (bass clef) continues with a steady eighth-note pattern, providing a harmonic and rhythmic foundation.

System 3: Measures 35-42. The piano part (treble clef) features sustained chords with a melodic line that moves through various intervals. The bass part (bass clef) maintains its eighth-note pattern, with some melodic variation in the lower register.

System 4: Measures 43-50. The piano part (treble clef) continues with sustained chords and melodic lines, showing a clear progression of harmony. The bass part (bass clef) remains consistent with its eighth-note pattern, supporting the overall texture.

6
Guitar Meters = Triangular Number Sequence

Piano (Mode III of C Enigmatic)

Bass

8
Guitar

Piano

Bass

13
Guitar

Piano

Bass

16
Guitar

Piano

Bass

18
Guitar

Piano

Bass

23
Guitar

Piano

Bass

26
Guitar

Piano

Bass

27
Guitar

Piano

Scale No 7 (Autochordal Harmonization)

Bass

28
Guitar

Piano

Bass

29
Guitar

Piano

Bass

30
Guitar

Piano

Bass

31
Guitar

Piano

Mode 3 of Enigmatic

Bass

32
Guitar

Piano

Bass

35
Guitar

Piano

Bass

40
Guitar

Piano

Bass

42
Guitar

Piano

Bass

45
Guitar

Piano

Bass

50
Guitar

Piano

Bass

52
Guitar

Piano

Scale No 7 (Autochordal Harmonization)

Bass

53
Guitar

Piano

Bass

54
Guitar

Piano

Bass

55
Guitar

Piano

Bass

56
Guitar

34
16

Piano

Bass

58
Guitar

Piano

Bass

Octatonic Autochordal Harmonization with Bitonal Major Chords
Meters = Tetrahedral Number Sequence

60
Guitar

Piano

Bass

64
Guitar

Piano

Bass

68
Guitar

Scale No 1057

Piano

Bass

69
Guitar

Piano

Bass

72
Guitar

Piano

Bass

75
Guitar

Piano

Bass

62 - 34 - -
16 - 16 - -

62 - 34 - -
16 - 16 - -

62 - 34 - -
16 - 16 - -

80
Guitar

Piano

Bass

94
Guitar

Piano

Bass

110
Guitar

Piano

Bass

119
Guitar

35
16

Piano

35
16

Bass

35
16

Detailed description: This system covers measures 119 and 120. The guitar part (top staff) features a melodic line with eighth and sixteenth notes, including some double-stops. The piano part (middle staves) consists of sustained chords with a tremolo effect. The bass part (bottom staff) provides a rhythmic accompaniment with eighth and sixteenth notes.

120
Guitar

35
16

Piano

35
16

Bass

35
16

Detailed description: This system covers measures 120 and 121. The guitar part continues the melodic line from the previous system. The piano part maintains the sustained chordal texture. The bass part continues its rhythmic accompaniment.

121
Guitar

35
16

Piano

35
16

Bass

35
16

Detailed description: This system covers measures 121 and 122. The guitar part concludes the melodic phrase. The piano part continues with sustained chords. The bass part finishes the rhythmic accompaniment.

122
Guitar

Piano

Bass

This system contains measures 122 and 123. The guitar part (top staff) features a melodic line with eighth and sixteenth notes, including some triplets. The piano part (middle staves) consists of sustained chords with a fermata over the final measure. The bass part (bottom staff) provides a rhythmic accompaniment with eighth and sixteenth notes.

123
Guitar

Piano

Bass

This system contains measures 123 and 124. The guitar part continues the melodic line from the previous system, with some chromatic movement. The piano part remains sustained with a fermata. The bass part continues its rhythmic accompaniment.

124
Guitar

Piano

Bass

This system contains measures 124 and 125. The guitar part concludes the melodic phrase. The piano part has a fermata over the final measure. The bass part concludes the rhythmic accompaniment.

125
Guitar

Piano

Bass

This system contains measures 125 and 126. The Guitar part features a melodic line with eighth and sixteenth notes. The Piano part consists of sustained chords in both hands. The Bass part provides a rhythmic accompaniment with eighth and sixteenth notes.

126
Guitar

Piano

Bass

This system contains measures 126 and 127. The Guitar part continues the melodic line. The Piano part features sustained chords. The Bass part continues the rhythmic accompaniment.

127
Guitar

Piano

Bass

This system contains measure 127. The Guitar part has a whole rest. The Piano part features a triplet of eighth notes in both hands, followed by sustained chords. The Bass part has a whole rest.

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Score Excerpt



Planetary Alignment was released in February 2008.
The album is available at Apple Music, Amazon.com,
and other leading online music distributors.

For more information please visit:

www.GeorgeBellas.com