

PALINDROMIA FLAMENCA

by

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Palindrome

Something (a word, phrase or sequence) that reads the same forward and backward.

A **palindrome** can be:

a **word**: *level, racecar, madam*

a **number**: *121, 3443*

a **sentence**: *Never odd or even // Was it a car or a cat I saw? // Madam, I'm Adam!*

a **musical pattern** or **sequence** that is symmetrical in time.

Palindrome in music

A short melodic pattern like:

C – D – E – D – C

is a palindrome because it reads the same forwards and backwards.

A palindrome happens when the sequence of notes is mirrored, just like a word palindrome

Example of palindromic structures in music

Crab Canon from Bach Musical Offering

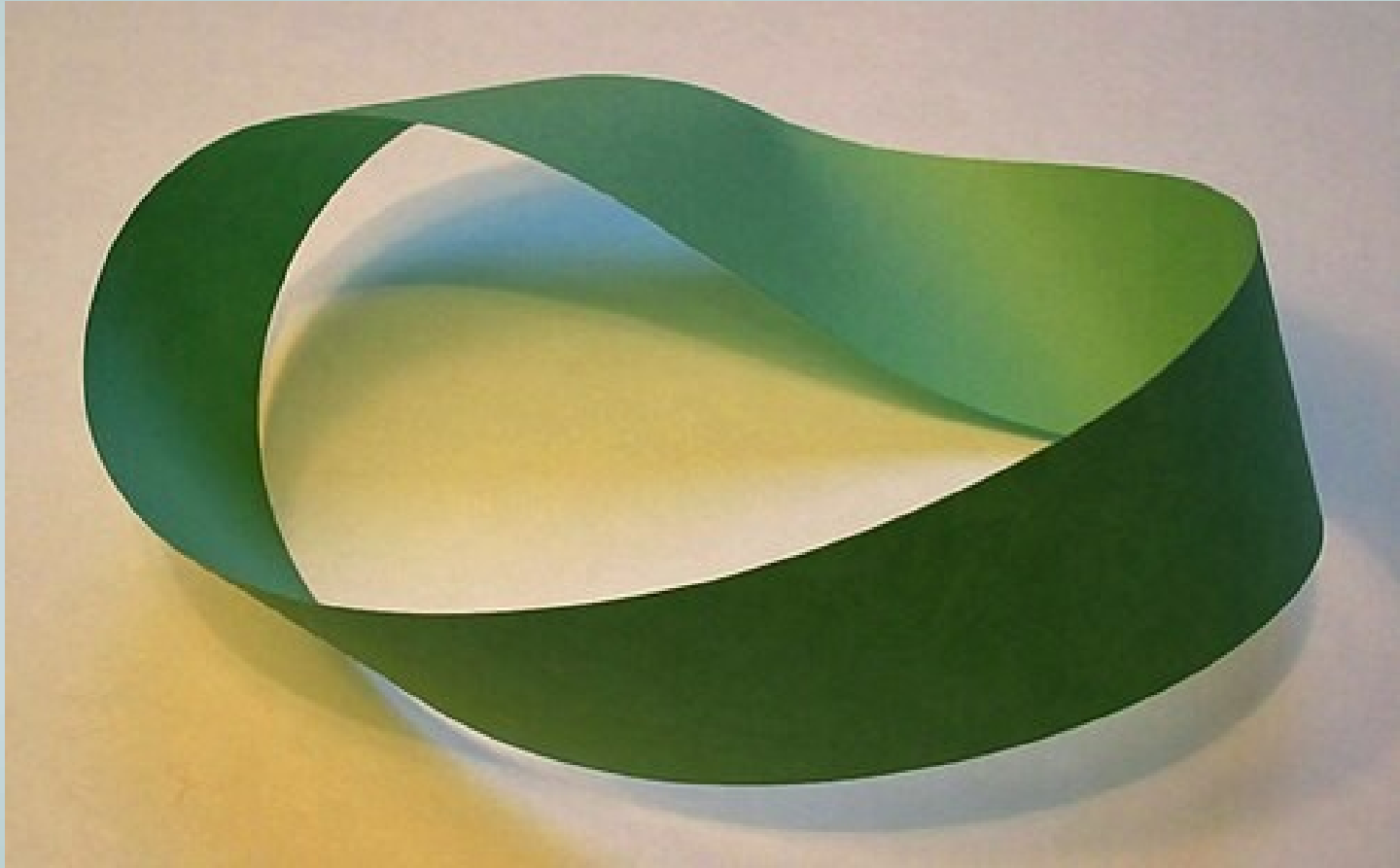
Minuet from Haydn Symphony n.47

Beethoven Scherzo and trio from 7 symphony are in
ABABA form

Berg Lulù

ESCHER Nastro di Moebius (Moebius Strip)

**There is no clear distinction between
"inside" and "outside", "above" and "below",
because the path on its surface leads to changing
sides without ever crossing an edge.**





The Bach's *Crab Canon* (Musical Offering, BWV 1079)

In the canon:

- **one voice plays the melody forward, while the other plays the same melody in reverse (retrograde).**
- **Bach even hints at this in the notation: he uses “mirrored” clefs in the score, which suggests the backward playing.**

<https://youtu.be/xUHQ2ybTejU>

<https://youtu.be/xUHQ2ybTejU?si=XDjE3O5hzmDci4wv>

Palindromia Flamenca by Antonio Rida Peco for soprano saxophone, Spanish guitar, flamenco cajon, and symphonic band.

- musical palindrome - combines flamenco rhythms with palindromic form
- context of flamenco music, characterized by the use of the Cajon and the manual percussion of a group of palmeros.
- Characteristic elements of flamenco: Andalusian scale, cante jondo, metrics and rhythm
- External elements: improvisational elements

Result: hibrid musical form

- Score: specific lines for performers of typical flamenco instruments:
"Percussion 1" : Cajon;
"Percussion 2" : Castanets and Palmeros (not palm planters but handclap players)

Palindromía Flamenca

A. Ruda Peco

Flute 1-2 *Lesito* *ff* *Allegro* *ff* *Solo 1*

Oboe *ff* *Allegro* *ff* *Solo 2*

Bassoon *ff* *Allegro* *ff* *Solo 3*

Bb Solo Clarinet *ff* *Allegro* *ff* *Solo 4*

Bb Clarinet 2-3 *ff* *Allegro* *ff* *Solo 5*

Bb Bass Clarinet *ff* *Allegro* *ff* *Solo 6*

Spanish Guitar *ff* *Allegro* *ff* *Solo 7*

Soprano Saxophone *ff* *Allegro* *ff* *Solo 8*

Alto Saxophone 1-2 *ff* *Allegro* *ff* *Solo 9*

Tenor Saxophone 1-2 *ff* *Allegro* *ff* *Solo 10*

Baritone Saxophone *ff* *Allegro* *ff* *Solo 11*

F Horn 1-3 *ff* *Allegro* *ff* *Solo 12*

F Horn 2-4 *ff* *Allegro* *ff* *Solo 13*

Bb Trumpet 1 *ff* *Allegro* *ff* *Solo 14*

Bb Trumpet 2-3 *ff* *Allegro* *ff* *Solo 15*

Trumpet 1 *ff* *Allegro* *ff* *Solo 16*

Trumpet 2-3 *ff* *Allegro* *ff* *Solo 17*

Baritone BC 1-2 *ff* *Allegro* *ff* *Solo 18*

Tuba *ff* *Allegro* *ff* *Solo 19*

Timpani *ff* *Allegro* *ff* *Solo 20*

Palmers *ff* *Allegro* *ff* *Solo 21*

Flamenco Box *ff* *Allegro* *ff* *Solo 22*

Stratified cymbal *ff* *Allegro* *ff* *Solo 23*

Castagnets, Bass Drum *ff* *Allegro* *ff* *Solo 24*

Xylophone *ff* *Allegro* *ff* *Solo 25*

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Fl 1-2 *ff* *Allegro* *ff* *Solo 1*

Ob. *ff* *Allegro* *ff* *Solo 2*

Bsn. *ff* *Allegro* *ff* *Solo 3*

S. Cl. 1 *ff* *Allegro* *ff* *Solo 4*

Cl. 2-3 *ff* *Allegro* *ff* *Solo 5*

B. Cl. *ff* *Allegro* *ff* *Solo 6*

Gtr. *ff* *Allegro* *ff* *Solo 7*

Sop. Sax. *ff* *Allegro* *ff* *Solo 8*

A. Sax. 1-2 *ff* *Allegro* *ff* *Solo 9*

T. Sax. 1-2 *ff* *Allegro* *ff* *Solo 10*

Bar. Sax. *ff* *Allegro* *ff* *Solo 11*

Hrn. 1-3 *ff* *Allegro* *ff* *Solo 12*

Hrn. 2-4 *ff* *Allegro* *ff* *Solo 13*

Tpt. 1 *ff* *Allegro* *ff* *Solo 14*

Tpt. 2-3 *ff* *Allegro* *ff* *Solo 15*

Tbn. 1 *ff* *Allegro* *ff* *Solo 16*

Tbn. 2 y 3 *ff* *Allegro* *ff* *Solo 17*

Bar. 1-2 *ff* *Allegro* *ff* *Solo 18*

Tuba *ff* *Allegro* *ff* *Solo 19*

Timp. *ff* *Allegro* *ff* *Solo 20*

Palm. *ff* *Allegro* *ff* *Solo 21*

F. Box *ff* *Allegro* *ff* *Solo 22*

S. C.-Cast. B. D. *ff* *Allegro* *ff* *Solo 23*

Xyl. *ff* *Allegro* *ff* *Solo 24*

17 sections

SECTION	BARS
LENTO (<i>intro</i>)	1-4 (4)
ALLEGRO	5-6 (2)
ALLEGRO	7-14 (8)
A1	15-22 (4+4)
B	23-30
B1	31-38 (4+4)
C	39-46 (4+4)
A1	47-54 (4+4)
D	55-70 (4+4+4+4)
E	71-80 (4+4+2)
A2	81-88 (4+4)
F	89-112
G	115-121
Cadence	122-128
A3	129-136 (4+4)
H (<i>final</i>)	132-142

Introduction (Andalusian scale - phrygian mode)

compàs: 12 accents through 4 bars in 3/4 time.

enter cajon and two groups of palmeros with two distinct rhythmic patterns

20

Fl. 1 y 2

Ob.

Bsn.

E. Cl. 1

Cl. 2-3

B. Cl.

Out.

Sop. Sax.

A. Sax. 1-2

T. Sax. 1-2

Bsn. Sax.

Hrn. 1-3

Hrn. 2-4

Tpt. 1

Tpt. 2-3

Tbn. 1

Tbn. 2 y 3

Bar. 1-2

Tuba

Timp.

Palm.

F. box

S. C. Chel.
B. D.

Xyl.

20

Fl. 1 y 2

Ob.

Bsn.

E. Cl. 1

Cl. 2-3

B. Cl.

Out.

Sop. Sax.

A. Sax. 1-2

T. Sax. 1-2

Bsn. Sax.

Hrn. 1-3

Hrn. 2-4

Tpt. 1

Tpt. 2-3

Tbn. 1

Tbn. 2 y 3

Bar. 1-2

Tuba

Timp.

Palm.

F. box

S. C. Chel.
B. D.

Xyl.

bars 22-30, new rhythmic-melodic material, with horizontal and vertical palindromic variations derived, with aggravation from the opening quatrain

Contrasting mood

Atenuated dynamics

⑮

Flute

mf

Oboe

f

The image shows a musical score for two instruments, Flute and Oboe, spanning measures 15 to 30. The Flute part is written on a single staff with a treble clef and a key signature of one sharp (F#). It begins with a measure rest, followed by a series of chords and melodic lines. The dynamics are marked *mf* (mezzo-forte). The Oboe part is written on a single staff with a treble clef and a key signature of one sharp (F#). It begins with a measure rest, followed by a series of chords and melodic lines. The dynamics are marked *f* (forte). The score is presented in a clean, professional layout with a white background and black notation.

The palmeros' part indicates the muted execution (creating a small bowl between the hands)

FL 1 & 2

Ob.

Bsn.

S. Cl. - 1

Cl. 2-3

B. Cl.

Guit.

Sop. Sax.

A. Sax. 1-2

T. Sax. 1-2

Bar. Sax.

Hrn. 1-3

Hrn. 2-4

Tpt. 1

Tpt. 2-3

Tbn. 1

Tbn. 2 & 3

Bar. 1-2

Tuba

Timp.

Palm

F. bar.

S. C.-Cast
B. D.

Xyl.

FL 1 & 2

Ob.

Bsn.

S. Cl. - 1

Cl. 2-3

B. Cl.

Guit.

Sop. Sax.

A. Sax. 1-2

T. Sax. 1-2

Bar. Sax.

Hrn. 1-3

Hrn. 2-4

Tpt. 1

Tpt. 2-3

Tbn. 1

Tbn. 2 & 3

Bar. 1-2

Tuba

Timp.

Palm

F. bar.

S. C.-Cast
B. D.

Xyl.

FL 1+2

Ob.

Ben.

B. Cl. 1

Cl. 2-3

B. Cl.

Guit.

Sop. Sax.

A. Sax. 1-2

T. Sax. 1-2

Bar. Sax.

Hrn. 1-3

Hrn. 2-4

Tpt. 1

Tpt. 2-3

Tbn. 1

Tbn. 2+3

Bar. 1-2

Tuba

Temp.

Palm.

F. Dr.

B. C. - Chd.

B. C.

Xyl.

FL 1+2

Ob.

Ben.

B. Cl. 1

Cl. 2-3

B. Cl.

Guit.

Sop. Sax.

A. Sax. 1-2

T. Sax. 1-2

Bar. Sax.

Hrn. 1-3

Hrn. 2-4

Tpt. 1

Tpt. 2-3

Tbn. 1

Tbn. 2+3

Bar. 1-2

Tuba

Temp.

Palm.

F. Dr.

B. C. - Chd.

B. C.

Xyl.

Bars 89 – 112: the soprano saxophone, plays a pseudo-improvisation based on the previous melodic material.

The rhythm of palmeros becomes simpler, proceeding homoritmically, to leave room for the saxophone to improvise.

After a cadenza played by guitar and sax there is a reprise of the first section and of the rhythm of palmeros.

The composition ends with a chromatic design repeated in *crescendo*.

The image shows a page from a musical score, likely for a large ensemble or orchestra. The page is numbered '208' in the top left corner. The score is written in a complex, rhythmic style, featuring many sixteenth and thirty-second notes. The instruments listed on the left side of the page include Flute (Fl.), Oboe (Ob.), Bassoon (Bsn.), Clarinet (Cl.), Saxophone (Sax.), Trumpet (Tpt.), Trombone (Tbn.), Tuba (Tuba), Euphonium (Euph.), Percussion (Perc.), and String Ensemble (Str. En.). The score is written in a complex, rhythmic style, featuring many sixteenth and thirty-second notes. The page is numbered '208' in the top left corner. The score is written in a complex, rhythmic style, featuring many sixteenth and thirty-second notes. The instruments listed on the left side of the page include Flute (Fl.), Oboe (Ob.), Bassoon (Bsn.), Clarinet (Cl.), Saxophone (Sax.), Trumpet (Tpt.), Trombone (Tbn.), Tuba (Tuba), Euphonium (Euph.), Percussion (Perc.), and String Ensemble (Str. En.).

Thank you for your atte