

Sunset (Daisi)

The Golden Ratio in Words, Space, Energy and Music

Creative Competition — “The Golden Ratio in Our Environment”

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Concept

“Daisi” brings together four different expressions of one theme — poetry, photography, painting, and music — within the four symbolic dimensions of word, space, energy, and time. Its purpose is to explore the golden ratio not only as a numerical proportion, but also as an idea of harmony, transition, and balance.

In all four parts, “Daisi” symbolizes a transitional state: day meets night, light meets darkness, and calm meets tension. These encounters reveal the unifying idea of the work — harmony, transition, and balance.

Poem — the golden ratio in words • Photograph — the golden ratio in space • Painting — the golden ratio in energy • Music — the golden ratio in time

$$\phi \approx 1.618 \mid 61.8\% : 38.2\% \approx 1.618 : 1$$

1. Poem “Daisi”(Sunset)

Author: Tamar Tabatadze | 2023

The sun sets — sunset holds me captive tight,
The gleam of changing colours stills my word;
At heaven's height, the dawn is shining bright,
The world is ruled and ordered by the Lord!

And I, Your humble servant, turn to You,
Each day You leave me awestruck, sunlike One;
Your sense of me warms all my soul anew,
Yet still my longing for You is not done.

Again You stand beside my heart and door,
Through waiting, You break every chain I bear;
Within my soul, peace settles as before,
And once again I long to reach You there.

But all the road is strewn with nails I tread,
Upon the thorny crown's high crest I stand;
No other words remain that may be said,
Only the road to You lies close at hand.

I am Your child, repeatedly laid bare
By wounds; I cry God's name without restraint.
You know this soul's cry rising through despair,
Its grief until the grave, its last lament.

You follow, step by step, the path I take,
You trample poisoned grasses on the trail;
The serpents spread beneath my feet You break—
The glorious power of the Cross prevails.

The enemies bow down upon their knees,
And, driven mad, they smash each shuttered door;
They gained no victory, no spoils to seize,
And cannot hide their falsehood anymore.

The sun sets — sunset takes me captive still,
It bears sure witness to Your name once more;
I call to You as far as the world's sill:
Forgive me, O forgive me, gracious Lord!

The Golden Ratio — Numerically and Thematically

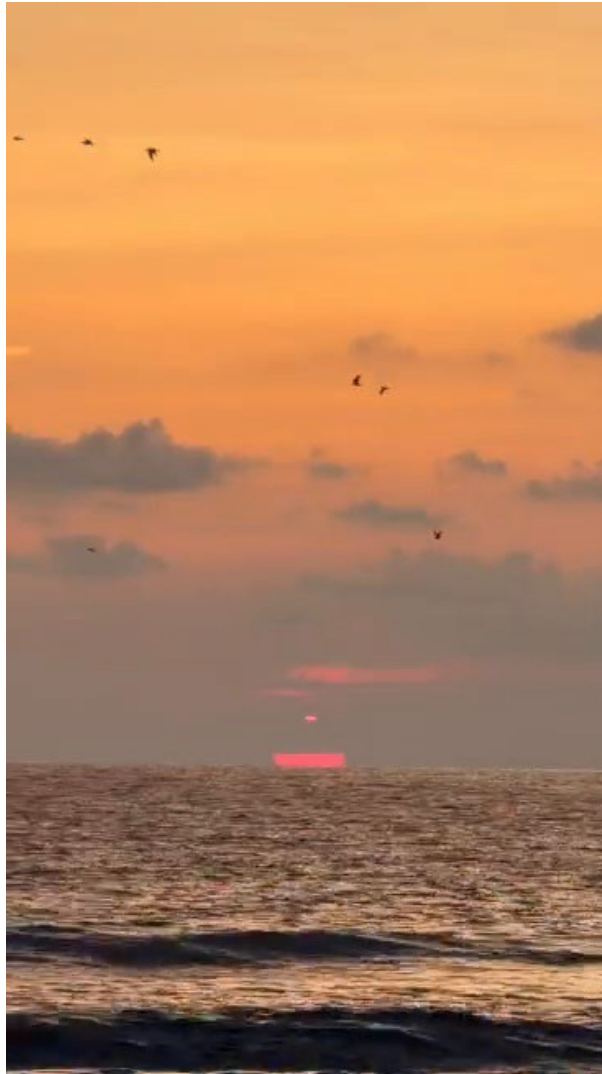
$$32 \times 0.382 \approx 12.2 \quad | \quad 32 \times 0.618 \approx 19.8$$

The poem consists of 32 lines. The proportional zones of the golden ratio fall approximately around lines 12 and 20. The principle of the golden ratio can also be read thematically — as a search for harmony between opposing forces. Light and darkness, the earthly and the divine, serenity and ordeal, the human and God do not remain separate poles; through a spiritual journey, they are drawn into a unified whole. The lyrical voice first moves from the human toward God — “I long once more to reach You”; then the movement reverses — “You follow me step by step along the path.” Trial and faith become the space that connects these two directions.

Sunset itself becomes a symbolic form of “division” — the boundary between day and night, light and darkness. The poem begins with sunset and ends with sunset; yet, on its return, the natural phenomenon has been transformed into a spiritual experience and a prayer. Thus, the idea of the golden ratio in the poem may be understood as a search for balance, connection, and harmonious wholeness between different and opposing forces.

2. Photograph “Daisi”(Sunset)

Author: Tamar Tabatadze | 2026



The Golden Ratio — in Space and Meaning

Frame: 368 × 654 px | 38.2% ≈ 141 / 250 px | 61.8% ≈ 227 / 404 px

Dividing the image at 38.2% and 61.8% establishes the main compositional zones of the golden ratio. The setting sun lies near one of these zones and becomes the image's main visual focal point. The unequal yet balanced distribution of sky and sea creates spatial harmony, while birds positioned at different heights add rhythm and movement to the image.

Thematically, the horizon is the meeting line of two spaces — sky and sea. The sun unites light with the approaching darkness, while sunset unites day with night. In this way, the golden ratio in the photograph is not merely a geometric proportion, but also a symbol of harmonious connection between different states and spaces.

3. Painting “Daisi” (Sunset)

Artist: Giorgi Tabatadze



The Golden Ratio — in Space and Meaning

Image dimensions: 1170 × 1600 px | 38.2% ≈ 447 / 611 px | 61.8% ≈ 723 / 989 px

The idea of the golden ratio is expressed in both the painting's spatial composition and its meaning. The canvas is divided asymmetrically between sky and sea, while the main visual focal point—the sun—is positioned away from the geometric centre. The curving movement of the waves and the reflection of light guide the viewer's gaze upward towards the luminous centre, creating an impression of spiralling movement that echoes the harmony associated with the golden ratio.

Symbolically, “Daisi” (“Sunset”) represents a transitional state—the boundary between day and night, light and darkness. The turbulent sea becomes a symbol of movement and change, while the setting sun serves as a focal point of calm, light, and transition. Thus, the painting's “golden point” emerges not only in space but also in its underlying idea: an ending becomes the threshold of a new beginning, chaos gives way to harmony, and movement becomes a striving towards light.

4. Music — from Zakaria Paliashvili's Opera “Daisi”

Composer: Zakaria Paliashvili. “Daisi” is a lyrical-dramatic opera that premiered at the Tbilisi Opera and Ballet Theatre on 19 December 1923. This competition entry examines the temporal and dynamic structure of the presented musical recording.

The Golden Ratio — in Time and Musical Development

Duration ≈ 122.36 sec | 38.2% ≈ 46.7 sec | 61.8% ≈ 75.6 sec (1:15.6)

The 61.8% temporal point of the presented recording falls at approximately 1 minute and 16 seconds. Near this zone, a shift can be observed in the musical dynamics: after a period of subsiding intensity, the musical energy grows again. The temporal point of the golden ratio therefore creates an interesting correspondence with a change in the musical development.

Thematically, the harmony of the music is created through the alternation of contrasting states — tension and release, intensification and subsiding, movement and calm. Within this interplay, the golden ratio may be perceived as a balanced relationship between time, dynamics, and musical development.

For reference, the musical link is included below:

<https://www.youtube.com/watch?v=GGT-WZcS6b0>

Note: The temporal calculation is based on the approximately 122.36-second recording presented for the competition and does not claim that the composer intentionally structured the work according to ϕ .

Conclusion — One Theme, Four Dimensions

“Daisi” expresses the same idea of harmony through four different art forms, explored within the four symbolic dimensions of word, space, energy, and time. In the poem, the golden ratio relates to textual proportions and spiritual turning points; in the photograph, to spatial distribution and the relationship between light and the horizon; in the painting, to the visual energy expressed through sunlight, contrasting colours, and the rhythmic movement of waves; and in music, to temporal proportions and dynamic development.

“Daisi” is a moment when day meets night, light gives way to darkness, and nature seems to find an invisible balance. In this transitional moment, poetry, photography, painting, and music bring together word, space, energy, and time. In the poem, words convey spiritual searching and inner transformation; in the photograph, space reveals the harmony of sky, sea, horizon, and setting sun; in the painting, energy emerges from the interplay of the warm sky and cool sea, turbulent waves and peaceful sun, while reflected light guides the viewer’s gaze towards the luminous centre; and in music, time unfolds through alternating states of calm and tension, fading intensity and renewed momentum. Ultimately, these four symbolic dimensions converge on one idea: harmony emerges where contrasting elements meet and become a unified whole. The golden ratio offers a means of exploring the proportions of this encounter and interpreting it creatively.

Word — Space — Energy — Time

Across all four examples, the golden ratio is presented as a search for balance and harmony between contrasting elements.

Sources and Materials

- Tamar Tabatadze — poem “Daisi,” 2023.
- Tamar Tabatadze — photograph “Daisi,” 2026.
- Giorgi Tabatadze — painting “Daisi,” 2026.
- Zakaria Paliashvili — opera “Daisi”; the musical authorship and information about the opera have been verified against the catalogues of the Tbilisi Opera and Ballet Theatre and the National Parliamentary Library of Georgia.
- The musical analysis is based on the recording submitted for the competition (approximately 122.36 seconds).