

Radoslav Rochallyi

Portfolio.

Math-Poetry-Visual

2020-2024

rochallyi@gmail.com

A Curriculum Vitae

Date and place of Birth: 01.05.1980, Bardejov, Slovakia

Education: MSc and Ph.D. in Philosophy

Books: Author of 10 books in the field of visual mathematical poetry

Formal Training:

- Typography class with Professor Jaime Barrett, Pacific Northwest College of Art, USA
- Drawing and painting class (XFA 117-01) with Professor Melissa Staiger, Pratt Institute, USA
- Certificate in Linear Algebra, Imperial Central London

Artistic Approach:

- Deep fascination with the connection between mathematics and visual arts
- Paintings and collages incorporate mathematical equations and elements, creating a unique form of visual poetry
- Pushing the boundaries of traditional artistic expression and fostering a dialogue between art and science

Selected Group Exhibitions in 2022-2023:

- Poster Biennial, Nanjing, China
- The Wrong Biennale 23/24, Alicante, Spain
- The International Museum of Electrography, Spain
- CICA Museum, Seoul, South Korea
- GALLERY Loosenart, Rome, Italy
- Richmond Art Gallery, USA
- Kreiva Gallery, Yorkshire, UK
- Pandora Kunstgalerie Berlin, Germany
- fu:bar/ Glitch Art Festival (@fubar_expo), Croatia
- Propeller Art Gallery, Canada
- Peace museum Vienna (Will be in 2024)
- XII INTERNATIONAL ECO-POSTER TRIENNIAL "THE 4TH BLOCK" (Will be in 2024)

Artist Statement

My artistic journey is dedicated to the harmonious fusion of mathematics and visual art. I am a mathematical painter—an artist who uses numbers, shapes, and formulas as my palette and brushes. My work is not only an expression of beauty but also of the mathematical concepts hidden within every brushstroke.

For me, mathematics is not merely an abstract science; it is a living art form. In my creations, I unveil patterns and geometry that form the very essence of my art. I do not simply paint; I explore the mathematical symphony that underlies the world of visual expression.

Each canvas becomes a mathematical landscape, where equations and theorems are transformed into vivid strokes of color and form. I utilize mathematical precision as my guide, allowing it to dance with the artistic intuition within me. My work represents a bridge between the logical world of numbers and the ethereal realm of emotions, creating a unique fusion that resonates with both the analytical mind and the imaginative soul.

As a mathematical painter, I am on a quest to reveal the inherent beauty and harmony of mathematical concepts through my art. I aim to offer viewers a fresh perspective on the world of numbers and geometry, turning the abstract into the tangible. My art speaks not only to the eye but also to the intellect, inviting viewers to contemplate the mathematical beauty that surrounds us.

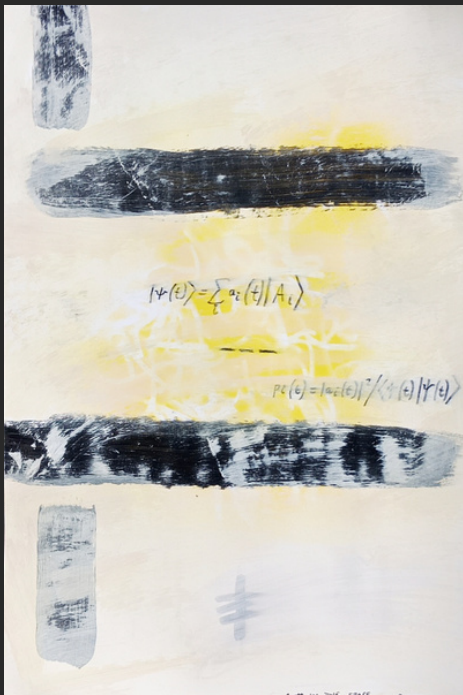
A series of paintings entitled Feynman a-z



Series Description:

My series of abstract paintings, titled "Feynman A," "Feynman B," and "Feynman D," are inspired by various Feynman diagrams. These diagrams, originally conceived by the renowned physicist Richard P. Feynman, serve as a means to visualize and mathematically represent processes in quantum physics, particularly the interactions of elementary particles. At first glance, they may appear complex, but I have created abstract art that not only allows viewers to glimpse into the world of quantum physics but also provides them with a unique aesthetic experience.

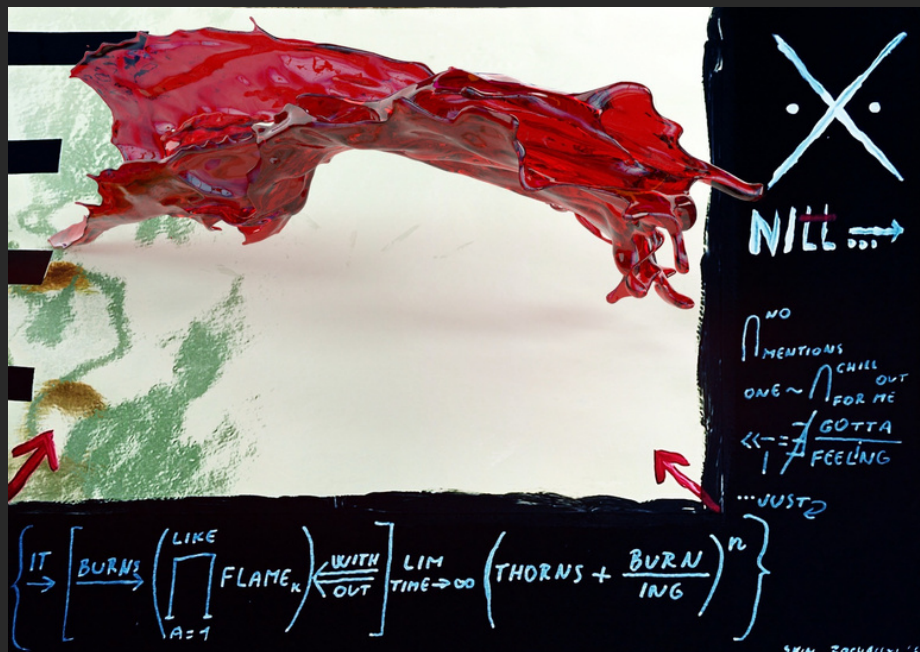
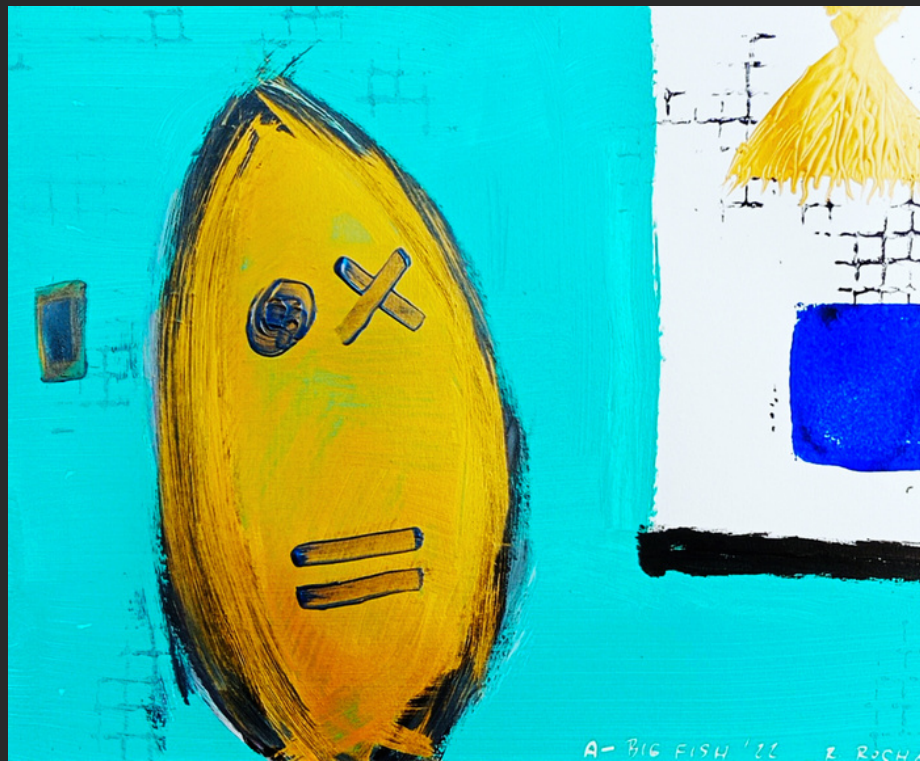
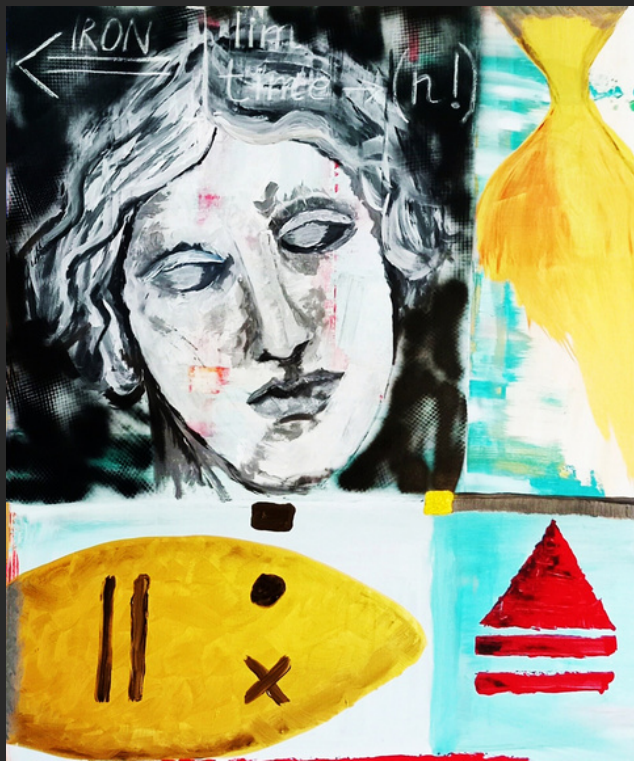
A series of paintings entitled In the Space 1-17



Series Description:

My series of abstract paintings, titled "In the Space," presents artworks characterized by an abstract, hazy quality, dominated by shades of white and gray. These paintings were created during the early stages of the conflict between Russia and Ukraine and encapsulate my perspective on the future - a view shrouded in uncertainty. With equations subtly obscured in the background, they symbolize the inability to statistically predict what lies ahead, reflecting the ambiguity of the world. These artworks convey a sense of anxiety and unease.

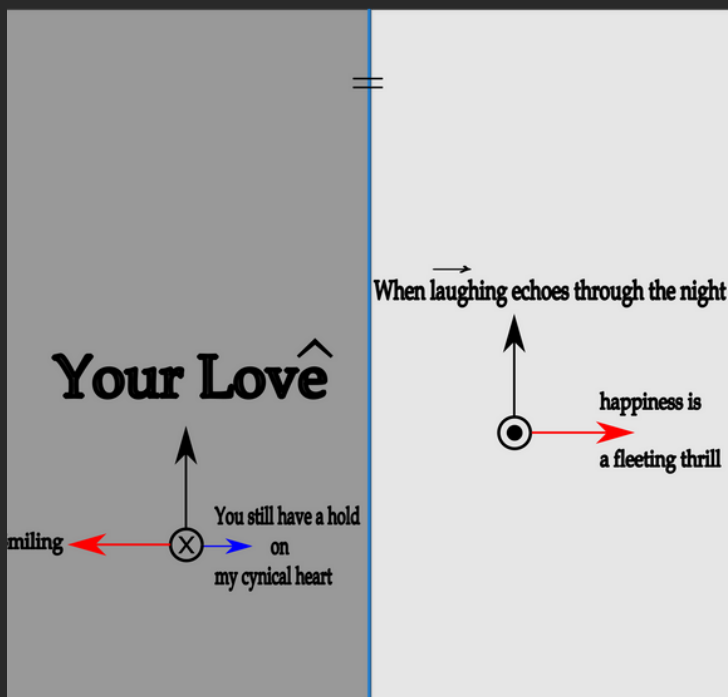
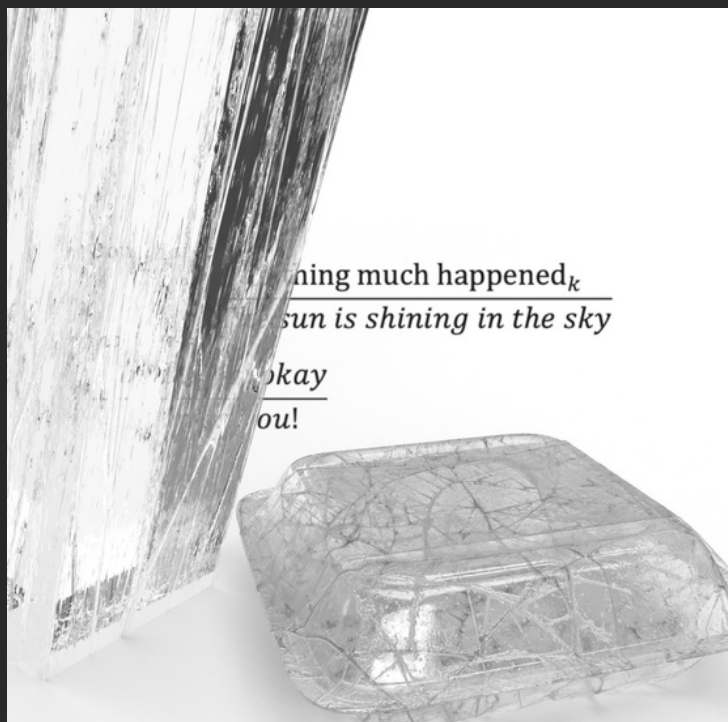
A series of paintings entitled The Fish



Series Description:

"My series of paintings, titled 'The Fish,' represents a deeply personal response to the refugee crisis in the Mediterranean. This series deviates from my usual work in that it relies less on mathematics and incorporates elements of figurative painting. The vivid and poignant imagery in 'The Fish' serves as a visual narrative of the human plight and suffering that unfolds in the perilous waters of the Mediterranean Sea.

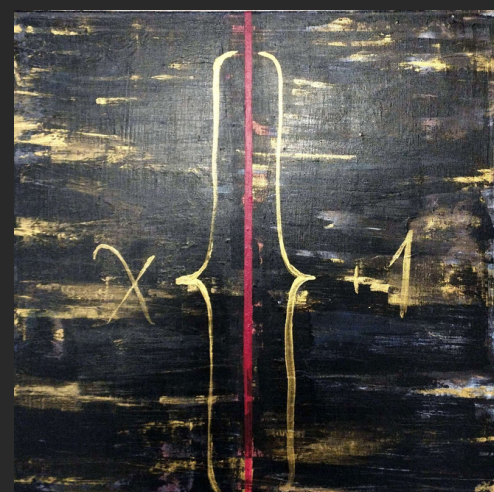
A series of images created by digital manipulation



Series Description:

This series explores the concept of transcendence as real-world subjects undergo a digital metamorphosis. Through meticulous pixel manipulations, the images transcend the constraints of the physical, offering a meditative exploration of the symbiotic relationship between the tangible and the virtual.

The 2023 series called: Sigma. All paintings are acrylic on canvas, size 50x50, framed.



Series Description:

A complex series that aims to combine a colorful and stylistic meanings with mathematical symbols from the financial world. Describing the series as a whole is difficult because each image represents a different equation or operator. This is the description of the last image in this portfolio: The Red Line. "The Red Line is a work that unfolds on a canvas adorned with a dramatic interplay of black and gold. At its core is a profound equation wrapped in layers of meaning and emotion. Against the black and gold backdrop, a bold red line stands out, symbolizing the visceral emotion of fear. The equation itself is a poignant representation of the human experience - a journey through fear and the transformative power of taking a single step forward. The equation, with its unknown variable represented by the red line, is a symbolic representation of the enigmatic nature of fear. The transformative element, however, lies in the addition of a singular constant: plus 1. This represents the bold step, the decisive action that transcends fear. It signifies the power of taking that one decisive step forward that transcends the boundaries of fear.

The 2024 series called: Lament of Light- Triptych. All paintings are acrylic on canvas, size 50x70, framed.



Series Description:

In this triptych series titled "Lament of Light," the central motif of an inverted lambda symbolizes the enigmatic nature of reality as perceived through the lens of quantum mechanics

Panel One: "Entangled Realities"

The first panel captures the inversion of the vectors against a backdrop of uncertainty, symbolizing the entanglement of societal norms and the elusive nature of truth within contemporary society.

Panel Two: "The Uncertainty Principle"

In the second panel, the inverted lambda emerges amidst a maelstrom of uncertainty, symbolizing the pervasive ambiguity and indeterminacy that characterizes the human experience.

Panel Three: "Quantum Liberation"

Through this panel, the series offers a vision of quantum liberation, celebrating the transformative power of individual action.

In "Lament of Light," the triptych serves as a profound critique of society, challenging viewers to reexamine their perceptions of reality through the lens of quantum mechanics while also highlighting the urgent need to confront systemic injustices and work towards a more equitable future.

The 2024 painting called: Post-peasant, acrylic on canvas, size 200x200, framed.



Description:

"Post-Peasant" is a large-scale painting that encapsulates symbolism and criticism of social dynamics in Slovakia. At the center of the painting is the icy motif of a peasant who boldly declares, "All are lesser than me". This statement is symbolically represented by the expression ≥ 0 , which signifies a sense of superiority and dominance. The motive of the farmer represents the rigid, unyielding nature of such attitudes, frozen in their convictions and unwilling to consider alternative perspectives. The use of the symbol of inequality (\geq) reinforces the hierarchical mindset in which some perceive themselves as inherently superior to others.

Through "Post-peasant," the artist highlights the dangers of arrogance and narrow-mindedness within society and urges viewers to challenge such attitudes and embrace empathy, humility, and openness to diverse perspectives.