

# Paint a 7-Dimensional Universe

by Ken Kozy

“There it is!”

Surprised, my wife Mary looked at me and quickly responded, “What is *it*?”

“The painting I’ve been searching for – it shows the 7-Dimensional Universe! The dimensions are all there!”

She smiled and shook her head from side-to-side. To me that was encouraging. She had edited my eBooks and articles about science and space. So, she was used to the unexpected. She displayed her “Now what?” smile.

At the time, we were walking thru the hallway of our Sun City Lodge when we passed the display case of the Pencil and Palette Club. There, a 2-foot by 2-foot framed painting was almost hidden at the top left corner of the glass case, maybe humbly waiting to be discovered.

I knew what it was – almost instantly. “There are the 3 dimensions of space plus time, and the ripples of gravitational waves – and the black holes. The painting’s vibrant colors depict physical energy and mass – hot plasma, solids and gasses. I sense the presence of the invisible dark energy and the dark matter implied in this abstract artwork.”

Mary was curious now, “Who’s the artist?”

I looked at the little sign next to it, “Well, what do you know! It’s your friend, Nancy Brandenburger.” Mary seemed pleased. Last year, we tried to buy a beautiful floral painting this artist had on display at her art club’s show, but someone had just bought it. So, we were confident this was quality art work.

However, Mary still had that look of disbelief at my ongoing descriptions. She always encourages me as long as I eventually stick to using the laws of science, common sense, and good writing.

She laughed, and so did I. What a find! It was Providence as far as I was concerned. But how did Nancy know how to paint a 7-dimensional universe?

Since this is an abstract painting, anyone could create and interpret its meaning or impression according to their own life-experiences and feelings of the moment. That’s the beauty of abstract painting

and other abstract works of art. To me, this painting reminded me of photographs taken by NASA’s Hubble and other space telescopes orbiting the Earth. They take pictures of the distant universe of stars and galaxies which we cannot see from Earth.

Later, when I purchased this fabulous painting, Nancy said she did not remember seeing any picture of space which looked like this scene. She just had an idea in her head as to what this abstract might turn out to be, and even that changed over time as she worked on the painting. Actually, she thought her painting looked more like a purple and yellow flower flowing into a dark background.

She had creatively experimented as she painted and layered more brush strokes and acrylics. Nancy was pleased with the result of using some cloth and modeling paste for dimensioning. A friend later saw her work and suggested to her the title, “Dark Matter.” She did not understand what that meant, except that the corners of the canvas were dark.

When I explained to Nancy what I thought this abstract painting represented in terms of space science and 7-Dimensional Concepts, she was surprised. Her smile was like Mary’s – patient and curious, but not total belief. Perhaps, her patience and the motto “the customer is always right” was more her style. Beauty is in the eye of the beholder.

We all laughed as some friends passed by just then and commented that they interpreted this painting as an abstract of a purple flower in the wind. They weren’t wrong and they were honest with their interpretation. I see why they responded that way. Abstract paintings stir many differing responses. Just as honestly, I interpreted this painting based upon my knowledge of science and space, my research and writings, and some imagination.

How does this painting represent a 7-dimensional universe? Let’s view it with open, imaginative minds.

Starting in the upper left of the painting, we see a ruffled yellow and black matrix which gives a 3-dimensional effect. Looking at this closely from the right side of the actual painting you see this area rising out of the canvas in waves – like an engineer’s graph paper, folded by hand, in origami fashion.

Similarly, at the right of center more graph lines pop out at you. To me, these areas represent 3-dimensional space (height, width/thickness, and long lines). The way these intersecting lines curve reminds me of depictions of the curvature of space-time continuum when surrounded by massive objects – which was predicted by Einstein. Therefore, the dimension of time enters in the hash lines as they bump into each other. Hence, 4 dimensions appear: length, width, height, and time.

The center of the painting seems to have 2 black holes with matter of all colors circling before entering them. The black hole masses appear to circle around each other to cause gravitational waves and tug at everything around it. This may explain why the space/time matrices seem to shear and crumple.

In the center, the purple “X” seems to dissolve as attracted to the central black hole. The purple “X” could be gasses and dark matter. Meanwhile, multi-color stardust seems to exude throughout the scene. On the peripheral of the painting are dark blue and black backgrounds of silent space. Other stars seem dimmed because of the brightness of the gasses and stardust in the center, so only a few points of white light appear. Perhaps “dark energy” is pushing the other stars away into the expanding universe.

To me, the yellow represents a near-by star, like our Sun, behind a black hole, emanating radiations and flares from its corona as if being eclipsed. However, because of the intense gravitational pull the yellow star’s radiating light waves are displayed on 3 sides of the purple masses. What appears to be three suns could be just one giant, powerful star, demonstrating the power of the force and dimension of the black hole’s gravity. Einstein had predicted that light rays would be bent by the powerful gravitational pull of huge masses.

Hence, we have 7 dimensions of the universe depicted: 3-D space and time, gravity, mass and energy. Some scientists predict even more dimensions to our universe, or even multiverses.

Meanwhile, at the bottom of the picture are some brush strokes which to me resemble the outline of a space colony spacecraft (perhaps a massive advanced design of an International Space Station). Yet another space station of similar design appears on the lower right area as well. As I study the painting further, I continue to find additional scientific

features regarding outer space which are being reported by modern science-fact writers.

Has the artist captured and painted the concepts of a 7-dimensional universe? Only God knows for sure.

The pictures taken by our Hubble space telescope of distant galaxies during their formation have many of the 7-dimensional features shown in this painting. They are so beautiful to view. (See them on the internet at NASA.gov, search for “Hubble photos.”) Of course, what you will see in those pictures are photos of stars and galaxies millions to billions of light years away from us, and their light and sights are just now reaching us!

It is wonderful that this abstract seems to have captured so much of our 7-dimensional universe in a painting. What artistry! There are complex, dynamic colors, and forms. Still, we can describe it based upon what science of outer space we currently understand.

Or, is this abstract painting showing us just a purple, pink and yellow flower? It’s your decision to make.

Next project: I hope to put a digital image of this painting into a memory chip and send it into space on a CubeSat Time Capsule along with the text of the Bible and other important eDocuments. These are for the benefit of future generations in space. I know this is possible because last year, thank God, my eBook was launched aboard NASA’s OSIRIS-REx spacecraft and has now travelled over 400 million miles! If you wish to keep yourself updated on the progress of this project, visit: [www.KenKozy.com](http://www.KenKozy.com).



**“7-Dimensional Universe”** (Space-Time, Gravity, Energy, and Mass)  
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Artist: Nancy Brandenburger.