

# Liberal vs. Conservative in Art?

## Art History part 3

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All images are cited from WikiMedia and WikiArt

Location: <https://maps.secondlife.com/secondlife/The%20Science%20Circle/61/127/32/>

Participants: アカーシャ (AkashaKokuu), Beragon Betts, Delia Lake, Fumon Crystal, くにか (Kunika Yoshikawa), @ (quaezar Agnomen), Tagline, Nat Ure (Nat Spirt)

Organizer : Chantal Jager (Nymf Hathaway), Jawesome (Jes Cobalt)

### Abstract

I and comet Morigi built The Modern Museum in as a collaboration platform for finding cross-disciplinary relation in modern history. And motoko Moonwall expanded my idea, introduced 2nd axis, “Left eye’s Art” vs. “Right eye’s Art” in her Art history museum but she died by lung cancer in 2015 before completion.

She introduced “Mannerism/ Baroque” vs “Classicism/ Renaissance”, combined two Art historians, Heinrich Wölfflin and Gustav Hocke, but both studies are based mainly on Western Art and not enough for finding relations between Eastern world and Western world. So I proposed new hypothesis, memory of “Hunting (migratory) life in glacial period” vs. “Agricultural (Sedentary) life in Holocene”.

It is interesting that several researchers in evolutionary psychology, cognitive neuroscience, etc. have similar idea for “Liberalism” vs “Conservatism” in politics.

Yan: Welcome everyone.

Today, I'll talk about Art and Human's property or difference between Eastern and Western culture.

For this purpose, First, I and comet Morigi built the Modern Museum in 2014.

Please see this slide

**Albert Einstein**  
born in **1879**  
**1905** Special relativity



## Synchronicity



**Pablo Picasso**  
born in **1881**  
**1907** The Young Ladies of Avignon



**Igor Stravinsky**  
born in **1882**  
**1913** The Rite of Spring

Yan: Einstein discovered strange physics, theory of relativity, Picasso painted strange Art, cubism, and Stravinsky composed strange music, the Rite of Spring, and their birth years are within only 3 years.

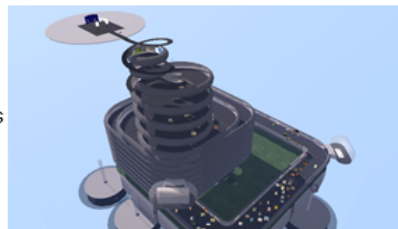
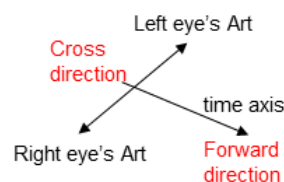
This is first inspiration of comet Morigi.

## Background

- The Modern Museum: a collaboration platform for finding cross-disciplinary relations in modern history.
- We arranged Art works and events vertically in corresponding with their published years (time axis).



- *motoko Moonwall* introduced second axis, Left eye's Art and Right eye's Art, in addition to time axis.



Yan: The Modern Museum uses only 1 dimension, published year vertically.

Motoko Moonwall thought one dimension is not enough so she added 2nd axis transversally, "Left eye's Art" vs. "Right eye's Art".

[07:06] Chantal: Magnificent building

Yan: But she died by lung cancer in 2015 before completion.

[07:08] Fumon: RIP motoko

[07:08] Chantal: :(

Yan: Please see this slide.

## Starting point

- **Temerity Eyes:** “Eyes to see invisible”
- **Eye of Providence:** “The all-seeing eye” of Christian religion
- **Eye of Wadjet:** “The eyes stare at details” of Egyptian religion



Yan: There is another Modern Museum in Japan Open Grid, one of OpenSim Grids. Motoko added so many information as a workbench of her new museum. At the start point of her workbench. There are three Eyes, “Temerity eyes”, “Eye of Providence” and “Eye of Wadjet”. Please forget “Temerity Eyes” for a while.

Motoko chose two of three eyes as 2nd axis, and associated them with theories of two Art historians, Heinrich Wölfflin and Gustav Hocke. This is “Mannerism/ Baroque” vs “Classicism/ Renaissance”.

[07:08] Chantal: The museum is a great legacy, though ☺

[07:08] Fumon: nods

[07:10] Chantal: zooms in

Baroque vs. Classicism? (3/5)

## Classicism/ Renaissance



Raffaello



Michelangelo



Yan: These are famous works of "Classicism/ Renaissance", and

[07:13] Beragon: I have a small reproduction of the pieta

Baroque vs. Classicism? (4/5)

## Mannerism/ Baroque



Parmigianino



Bernini



Artemisia



Bronzino



Yan: These are not so famous works of "Mannerism/ Baroque".

[07:13] Kunika: As there is copyright in music, are there copyrights in paintings and art as well?

An exhibition of counterfeit Japanese artists in China become a problem.

(Yan's comment: Of course artworks also have 50 to 70 years (depending on the country) from the death of the artist until the copyright expires, and artworks in which the images themselves can not be obtained, such as not allowing photographers to photograph even if they are more than

that. On the other hand, since it is impossible to discuss contemporary art only with images whose copyright has been lost, we apply WikiMedia principle in the museum here, which can be used under conditions of low resolution and representative works and educational use only.)

Combined definition of Wölfflin and Hocke

Left Eye's Art (Baroque/ Mannerism)	Right Eye's Art (Renaissance/ Classicism)
Painterly/ Pictorial Nature, Figurative	Linear representation Idea, Structure
Profound depiction Concealment, Instability	Plane depiction Surfaced, Equilibrium
Open (a-tectonic) format Decomposition, Freedom	Closed (tectonic) format Overall, Dignity
Unified theme Artful, Rebellious	Many subject matter Natural, Order
Relative clarity Distortion, Secret, Dismantling, Occultism	Absolute clarity Form, Logos, Curing, Dogmatics

Yan: This is combined definition. But this definition is confusing. I don't understand red words clearly, and I think these blue words are opposite, I confirmed but these are correct.

(Reference): <http://arthistoryresources.net/baroque-art-theory-2013/wolfflin-renaissance-baroque.html>

I think These blue words are depend on Artist skill. "Profound" and "Artful" are also depend in Artist skill.

### Dramatic vs. Modest? ✖

- More attractive
  - More stimulative
  - More gorgeous
  - More twisted
- Dramatic expression will be escalated endlessly like Hollywood movies.

Paolo de Matteis



Yan: Humans, in the end, get tired even for favorite Art. Painters need to add new elements to keep their customers satisfied. Dramatic expression will be escalated spirally, but customers also get tired for dramatic expression in the end, then modest expression will revive.

So we need to neglect this criteria.

[07:17] Chantal: yes



[07:17] Chantal: they had to change their art to satisfy the public  
Yan; This slide,

Photorealistic vs. ??????



Photorealistic



Outlined  
Deformed  
Symbolize  
Simplified  
Caricaturing  
Abstracted  
.....

I defined above as **Idealize**

Yan: I asked several people what is opposite word of Photorealistic. .... In the end, I name "Idealize" after Plato's idea theory. I think this is human's basic function. Writing figure by a Stick on the ground is most principle behavior. But Artists usually develops more photorealistic. When an Artist choose Idealize, there should be some strong motivation. So we can't neglect this.

[07:20] Chantal: clear ☺

[07:20] Jes: yes :))

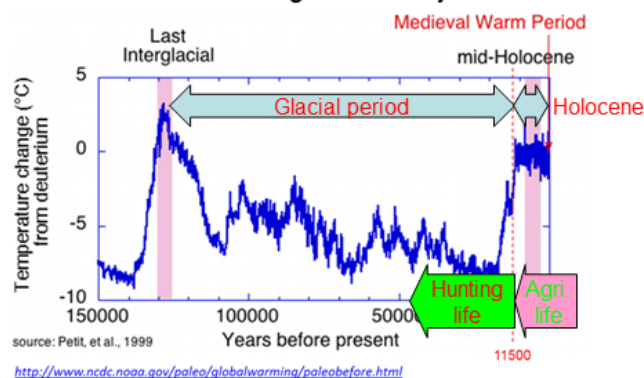
Yan: In any way, Wolflin and Hocke's studies are based on mainly Western Art and not enough for finding relations between Eastern world and Western world. So I proposed new idea,

## Hunting vs. Agricultural



René Huyghe, "*Dialogue Avec Le Visible*" 1955

- Nomadic/ Hunting culture accepts nature and diversity as it is, people are living dynamically.
- Agricultural culture uses geometry to manage fixed land area, and thinks human can control nature.
- In the glacial period, people could survive by hunting, and became able to start agriculture only after Holocene.



Yan: Memory of Hunting life and Agricultural Life.

This is 150,000 years temperature change in Glacial-Interglacial cycle.

In Glacial period, temperature is very unstable due to continental ice-sheet, so people had to keep moving to find better lands by migratory hunting life.

And 10,000 years ago, temperature became stable, and 6,000 years ago, sea level became stable too, then, people came to start Sedentary Agricultural life.

I don't remember clearly whether I talked with motoko about this idea, but after motoko's death, I visited her room and found this book on her desk. This book said same idea 63 years ago.

[07:26] Fumon: Climate stabilization...

[07:28] Jes: :)))

[07:29] Fumon: A book on motoko's desk.

Yan: So,

## New definitions and Hypothesis

### Left eye (Wadjet)

- Unstable/ Dynamic
- Diversity
- As it is  
(Hindu)

Derived from Hunting  
culture in unstable  
climate

### Right eye (Providence)

- Eternal/ Tranquil
- Universal/ Absolute
- Geometric, Logical  
(Catholic, Islamic, Ancient Greek)

Derived from Agricultural  
culture in stable climate

### Neglect follows;

- Emotional vs. Logical
- Dramatic vs. Modest
- Realistic vs. Idealized (Abstracted, Illustrated, Simplified, Symbolized)
- Stereoscopic vs. Planar
- Asymmetry vs. Symmetry

Above are relating with unconscious reaction of brain.

- Polytheistic vs. Monotheistic

Yan: This is conclusion of my last presentation, Art History part.2. Gray parts, I'll change this time.

## Liberalism vs. Conservatism

- Jonathan Haidt, "The Righteous Mind: Why Good People Are Divided by Politics and Religion", 2013

- Deep emotions on innovative change, pain and the unfairness of society.  
- Trend towards "Universalism" from "Nationalism".  
- Emphasize individual freedom. Recognize fairness as equality.

- Deep feelings to keeping orderly, respecting authority, dedication to the group and self purity.  
- Emphasis on social bonds, norms of mutual dependence and credit derived from such.  
- Payment should be allocated according to the contribution.

Hatemi, P. K. et al, "A Genome-Wide Analysis of Liberal and Conservative Political Attitudes", 2011

Dopamine: Motivation for new experiences and senses

Glutamate and serotonin: Susceptibility to threats and fears

(Genome Analysis for 13,000 Australian)

- Christopher Boehm, "Moral Origins: The Evolution of Virtue, Altruism and Shame", 2012

Modern Human's Equalitarianism has originated from Hunting Life since at least 45,000 years ago.

Yan: I found recently several researchers in evolutionary psychology, cognitive neuroscience, etc. have similar idea for “Liberalism” vs “Conservatism” in politics.

Jonathan Haidt said in this book about difference between Liberalism and Conservatism, I summarize his book. Please click this panel and see local-chat. Number 1. There is pdf of English and Japanese. You can read more detail later.

(en): [http://chikyu-to-umi.com/abyss/Art/Left-or-Right\\_\(eng\).pdf](http://chikyu-to-umi.com/abyss/Art/Left-or-Right_(eng).pdf)

(jp): [http://chikyu-to-umi.com/abyss/Art/Left-or-Right\\_\(jp\).pdf](http://chikyu-to-umi.com/abyss/Art/Left-or-Right_(jp).pdf)

Yan: Then, interesting thing is that these differences are derived from DNA. These are output of DNA Analysis for 13,000 Australian. Australia is known one of countries of two party system.

About two party system, I summarized please touch this panel. Number 2. Upper/Lower Chamber of G20 country: <http://chikyu-to-umi.com/abyss/Art/upper-lower-chambers.pdf>

USA's two party system is very unique even in comparison with other Anglo Saxons countries (UK, Canada and Australia).

There are very few 3rd party, but I skip today.

And if you doubt relation between DNA and politics, touch this panel and see number 3. Wikipedia later;

[https://en.wikipedia.org/wiki/Biology\\_and\\_political\\_orientation](https://en.wikipedia.org/wiki/Biology_and_political_orientation)

[https://en.wikipedia.org/wiki/Biology\\_and\\_political\\_science](https://en.wikipedia.org/wiki/Biology_and_political_science)

<https://en.wikipedia.org/wiki/Neuropolitics>

<https://en.wikipedia.org/wiki/Genopolitics>

In any way, we can use these criteria, **“motivation for new experiment or sense”** or **“Susceptibility to threats and fears”**

And Christopher Boehn said in his book about hunting people in Glacial period. He said at least, 45,000 years ago, people came to collaborate for fighting with big and strong animals. They formed a group leaded by a leader and share meets equally among the group members. When the leader become unfair and violent, the other members could collaborate to fight against the leader because they are professional for collaboration fight.

He said this is the roots of “equality principle” of human moral or Democratic policy

[07:34] Tagline: This makes me think of cultural clashes in Northwestern Europe. Nordic culture was more 'in touch' with Ice Age conditions & unstable weather and Dane Law was more "Liberal" in that it allowed for greater individual rights & liberty.

[07:34] Chantal: yes, Tagline

[07:35] Fumon: I can image it , Tag

[07:35] Chantal: Interesting list, Yan

[07:36] Tagline: After the Normal invasion of England by the bastard William of Normandy, in effect the 'conservative' feudal system of governance of Medieval Continental Europe was imposed on England and free men became like serfs with the "finite mathematics"



of property owned by a few in the feudal system

[07:36] Chantal: ♥

[07:37] Tagline: That was 1066 of course, starting with the [Battle of Hastings](#)

[07:37] Delia: And yet, Tagline, at that same time in Brittany, there was a different sense of social organization and women were allowed to own land

[07:39] Tagline: That is an interesting point. I was not aware women were allowed ownership of property there. Property ownership became paternalistic. I think so that it could be handed down to the oldest son to maintain power

[07:40] Delia: Yes. And here and there exceptions occurred

[07:40] Kunika: 政治の右派左派中道とも関連があるんですね

[07:40] Tagline: Could advanced, [abstract mathematics](#) have ever arisen from hunter-gatherer-type societies?

[07:42] Delia: good question to ponder.

(Yan's comment: I don't think abstract mathematics have arisen from hunting culture. I think Finite Mathematics and Geometry was developed under Agricultural society. Human brain has capability of abstraction. I'm very interesting in roots or common ancestor of "Abstract mathematics", Einstein's strange physics, Jung/Freud's strange psychology, Picasso's strange paintings and Stravinsky's strange Music. I think the background is development of astronomy and physics at that time.)

[07:42] Tagline: I would think epinephrine and nor-epinephrine would also have been associated more with the hunter gatherers

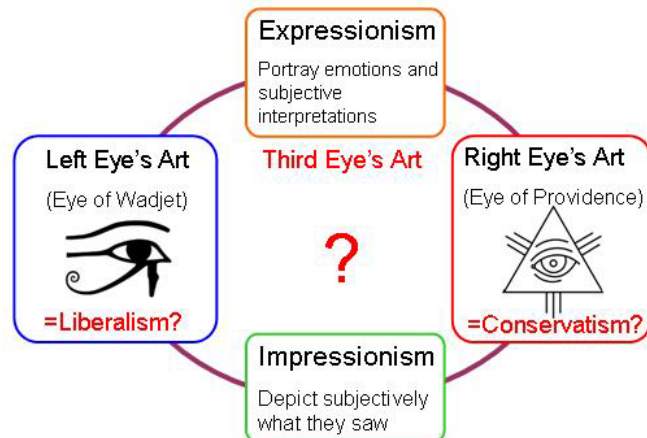
It has been shown for instance that if you walk down a hall and "accidentally" bump shoulders with a regular guy, then no problem. If you bump shoulders with a Scotsman or a Scots Irish guy, the epinephrine, testosterone and other hormones & physiological processes associated with aggression go UP right quickly! LOL

Measurable parameters show a demographic distinction in other worlds

(Yan's comment: Boehn said "Hunting people = roots of equality principle" under context of self-domestication, hunting people domesticated even themselves. So epinephrine is more past/ principle property of human.)

Yan: Then

## Between Left Eye and Right Eye?



Yan: I start to categorize by Liberal and conservative, but soon I realized there are some Art movements which don't fit both of Liberal and Conservative. One is Expressionism. I think human emotion like delight, sad, angry, fear, are common among people.  
 2nd is Impressionism. Impressionists depict subjectively what they saw. There is no religious story or legend story and I don't feel strong "motivation for new experiment or sense".  
 So we need 3rd Eye including both. Do you remember motoko's Idea, 3 type of eye at first?

[07:47] Fumon: The great nature itself was the enemy for the ancient community:)

[07:47] Tagline: and the Walhall or home of the Gods, realm, I should say

[07:50] Tagline: it is remarkable that blotches of paint properly arranged to record the impression of an artist (which must be based on neural encoding of vision as an approximation of reality) still can impart an impression to other viewers that relates to the original subject of a painting. (see the end of this chat-log)

(Yan: As to why the painter produces some kind of impression to viewers, we need to understand psychological effects such as grammar, derived from brain function. I think at first, color, straight line and curve of image object / asymmetry or facial expressions are influenced. And next, the metaphor and metonymy of the picture derived from the culture are influenced.)

[07:49] Delia: regarding abstract and concrete capabilities and development of thinking, not sure but suspect that music may provide a pathway into that.

[08:07] Beragon: Stephen Sondheim wrote an entire musical based on the Seurat painting

(Yan's comment: Thank you Beragon, YouTube: <https://www.youtube.com/watch?v=fUdfHcfjsPM>)

[08:14] Chantal: yes ☺

[08:14] Tagline: I think it is remarkable that a meaningful parallel to impressionist art was achieved in music composition

[08:22] Delia: The Spirit Light Dance Company in SL did a performance of Impressions of

paintings in dance. You might find the videos Pia Klaar made of those interesting. Here is a link to one of them.



(Yan's comment: Thank you Delia. YouTube: <https://www.youtube.com/watch?v=KO2c1FTtPfM>)

Yan: Then,



Yan: I named the 3rd Eye as Eye of Ajna of Hindu tradition because see, hidden eye between two eyes. Don't think Hindu religion is common for Left and Right. I'm simply after the hidden eyes in the Alan Levin's Art work (He's Mansplaining the Third Eye Thing Again?).

[07:50] Tagline: Mansplaining the Third Eye, lol

[07:51] Jes: ☺

[07:51] Chantal: ☺

Yan: From now, I'll show 36 slides including 101 Art works. Please see PDF for more detail images; <http://chikyu-to-umi.com/abyss/Art/Left-Middle-Right-eye.pdf>

[07:53] Chantal: All Yan's PDF's available at <https://www.sciencecircle.org/event/art-history-part-3/>

[07:54] Delia: thanks, Chantal

[07:54] Chantal: You're welcome ☺

[07:53] Kunika: In the art in contemporary society, there are classifications of "hands" of arts and crafts and sculptures, "eyes of the heart" of painting art, "brains" of design Architecture.

(Yan's comment: Among the "eyes of the heart", it seems that Transformation-oriented and equality principle is Left, the subjective drawing of as it is seeing is Middle, idealism is Right.)

Yan: Then, let's start,



Yan:

(Left) Hindu Art. Sexy and dancing. I like very much

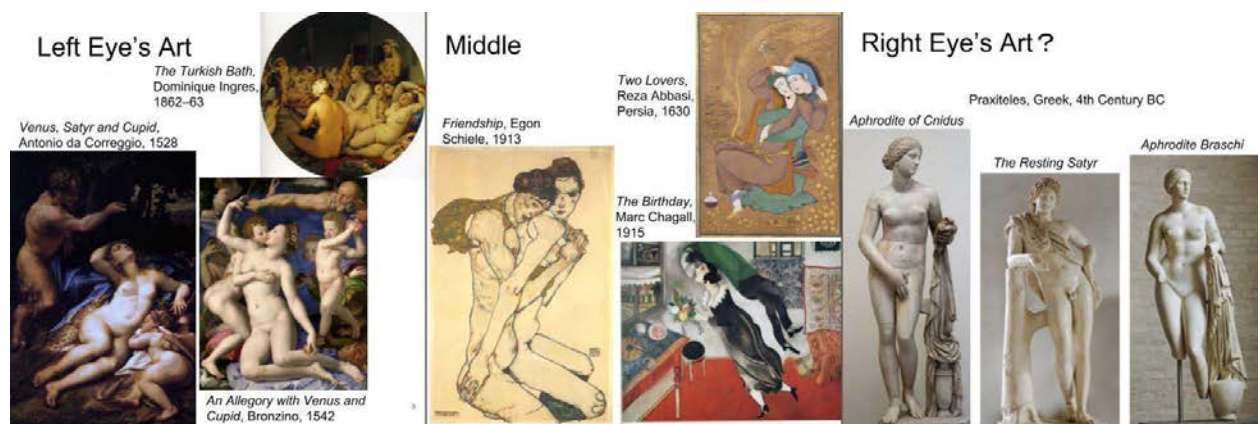
(Middle) Portrait of a woman give men special effect and common for Left and Right

[07:55] Tagline: She looks like Scarlett Johansson (<https://www.imdb.com/title/tt0335119/>)

[07:55] Delia: lol

Yan:

(Right) Nike and Venus of Milo. Nike is dynamic so Left is possible.



Yan

(Left) Mannerism. I think these are not only dramatic expression but also affection from Hindu Art.

(Middle) Lovers is also common for Left and Right.

(Right) These 3 statues can be middle but they are goddess and god of Greek mythology. So I put them on the Right.

[07:57] Tagline: Those were instant classics in Ancient Greece

[07:58] Chantal: I appreciate them white, but originally they were colored

[07:58] Beragon: In ancient times the Greek and Roman statues were painted. There is a movement to restore some to look like they did painted

[07:59] Chantal: Interesting, Beragon, will search for it

(Yan: Painted statues gives us different impression. I can't fix position of Ancient Greek Art yet. In ancient Greece it is said that the nudity was admired as perfect, but these nude statues may have been some kind of gravure idol for some Greek citizen. In any way, it is surprising that



ancient Greek citizens displayed such a nude image in the middle of the public square. Was not it related to the fact that the status of women was very low at that time?)

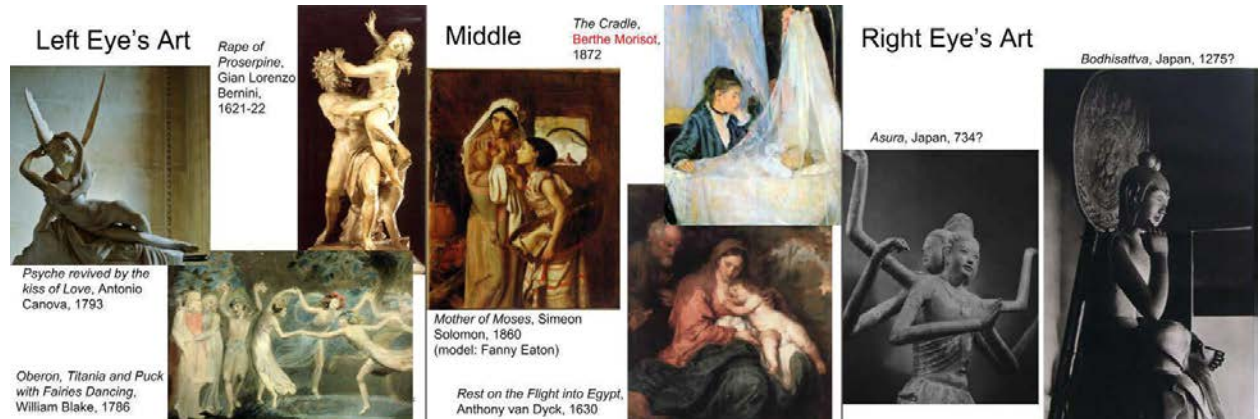
[08:00] Delia: It would look so strange and "wrong" to have them colored even though that was how they were originally. Funny how right and wrong get inculcated for us

[08:00] Chantal: yes ☺

[08:02] Beragon: We only know many Greek works from Roman copies. I wonder if the Romans painted them

[08:02] Jes: Agreed with Delia ☺

[08:03] Tagline: It is like taking a cat for a ride in the car, Delia



Yan

(Left) More dramatic. These two statues are Christian theme, so Right is possible but I put them on the Left at this moment.

(Middle) I think Mother and child give women special effect and common for Left and Right. Please check Fanny Eaton. She is UK model came from Africa and she has lot of story. And Dyck's painting is Christianity theme and Right is possible, but I think they are not God/Goddess but physical human. So I put it on the Middle.

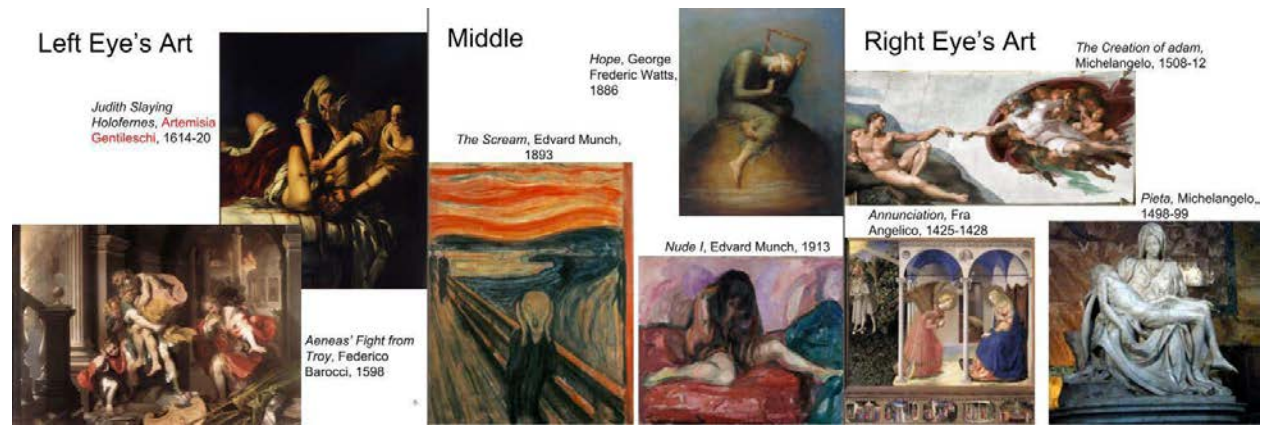
(Right) Buddhism statues. God of Buddhism is different from Christianity but Buddhism think "never ending cycle of reincarnation" and I feel tranquil and eternity from these statue, so I put them on the Right.

[08:00] Chantal: Beautiful

[08:00] Tagline: These are wonderful images

[08:01] Fumon: 弥勒菩薩半跏思惟像

[08:01] Fumon: <https://en.wikipedia.org/wiki/Maitreya>



Yan

(Left) More and more dynamic. I like Artemisia very much. She has also lot of story. Please check later,

(Middle) Famous "The Scream". I like "Hope" very mush, Fear, Sadness, Pleasure are common emotion so I put them Middle.

(Right) All are Christianity theme.



Yan

(Left) Ocean. Very dynamic.

(Middle) Death. These paintings are better to put on the Right because these painting are Christian or legend theme and they don't show human's emotion to death so much.

(Right) Above two paintings are Christian theme and we feel tranquility. Babel tower is Myth of the Old Testament.

[08:03] Kunika: 第三の目は心の目いわゆる心眼を指すものだと思います

[08:04] Tagline: We hope that Great Wave off Kanagawa in the lower left will happen in the United States on Tuesday

[08:04] Beragon: lol





Yan

(Left) These paintings are just Liberal. Picasso's "La Vie" (Life) has lot of story. Please check.

[08:06] Tagline: The more commercially successful artists did paintings of passengers in the 1st class carriage.

[08:06] Akasha: ^ ^

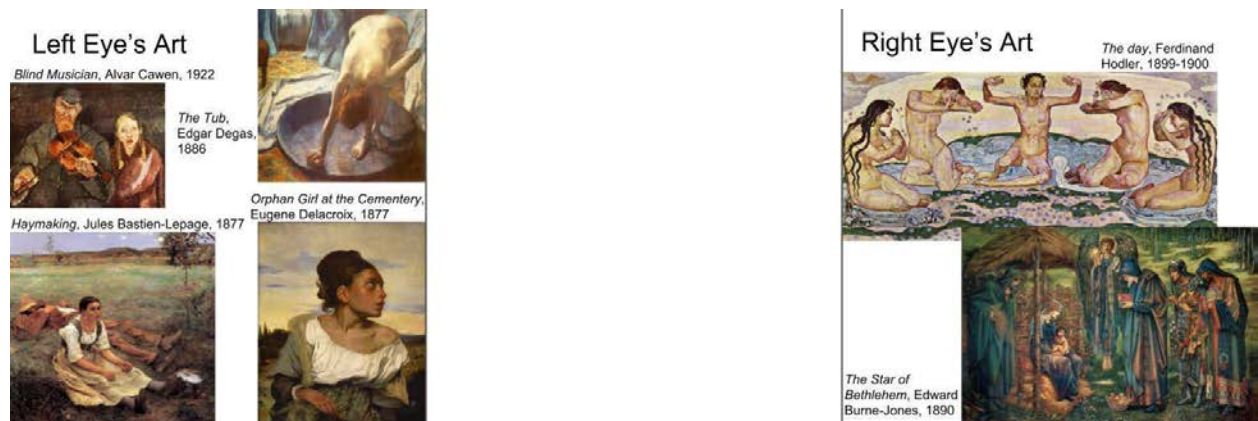
(Yan's comment: At that time, I heard rich people need to demonstrate he/she has sympathy with poor people because Christian taught them to raise virtue to get ticket for heaven. )

Yan:

(Middle) Impressionism portray citizen.

Yan:

(Right) These paintings are based on Legend.



Yan

(Left) These are also Liberal. I like "Orphan Girl at the Cemetery" very much.

(Middle) Skip

(Right) I feel harmony from them.

[08:07] Chantal: what a great collection, Yan!

[08:08] Chantal: we have "The day" as a sculpture series in a fountain near the city hall, gorgeous

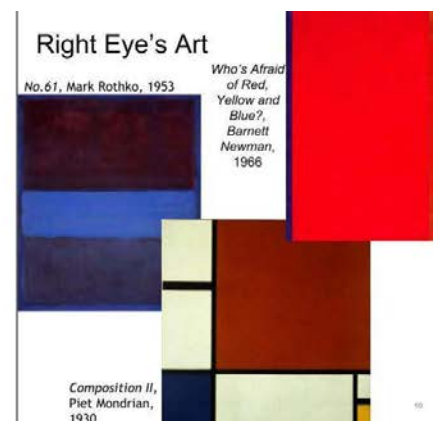


Yan

(Left) Above two paintings are derived from War. I wonder whether Gauguin's painting is Left or Right. (To judge from the title, he painted not "Eternity" or "Reincarnation" but "Change".)

(Middle) Skip

(Right) If you see real size of "The Birth of Venus", you can see breath blow of Zephyros clearly and you will feel more dynamic. Above Morgan's painting shows flying couple. At first, I wonder whether they are Left or Right, but I put both paintings on the Right at this moment.



Yan

(Left) Monster or unusual creatures. (motivation for new experiment or sense)

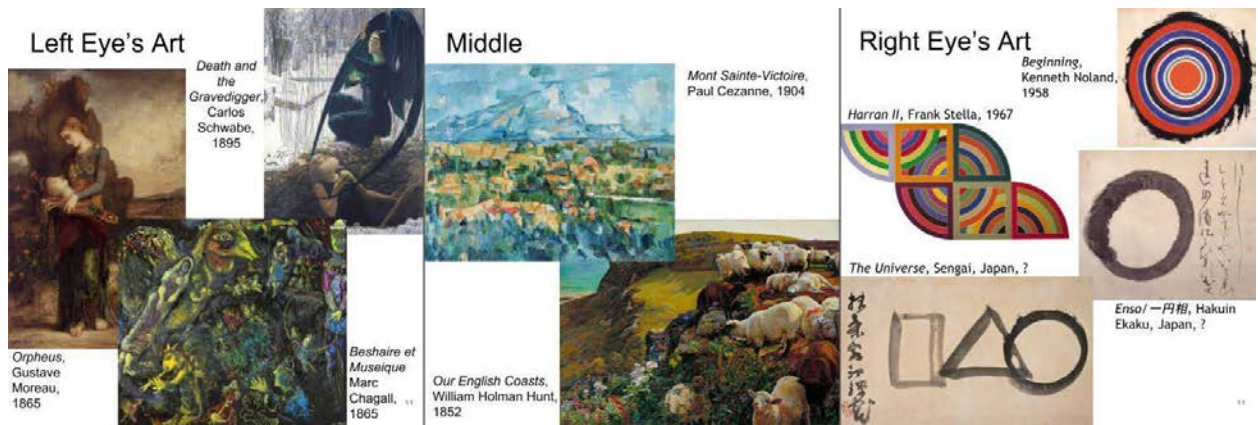
(Middle) Skip

(Right) They utilize human brain is stimulated by vertical and horizontal lines, squares and colors. Very simple and idealized. I think painters has special inspiration for idealization.

[08:11] Chantal: Goya :(

[08:11] Kunika: I wonder if the right brain and left brain of a human becomes the right eye and the left eye.)

(Yan: Since the optic nerves connecting the right-left brain and the right-left eye are intersected, the correspondence between the brain and the eyes is reversed. For example, the language center is concentrated in the left brain, so it is consistent with the fact that the right eye (left brain) are logical. However, since the intersecting optic nerves are actually connected (half intersection instead of all intersections), I do not know if this is true.)



Yan

(Left) Unusual world (motivation for new experiment or sense)

(Middle) Above is landscape of Impressionism. Lower is landscape of Pre-Raphaelite Brotherhood. I think emotion to usual landscape is common for Left and Right.

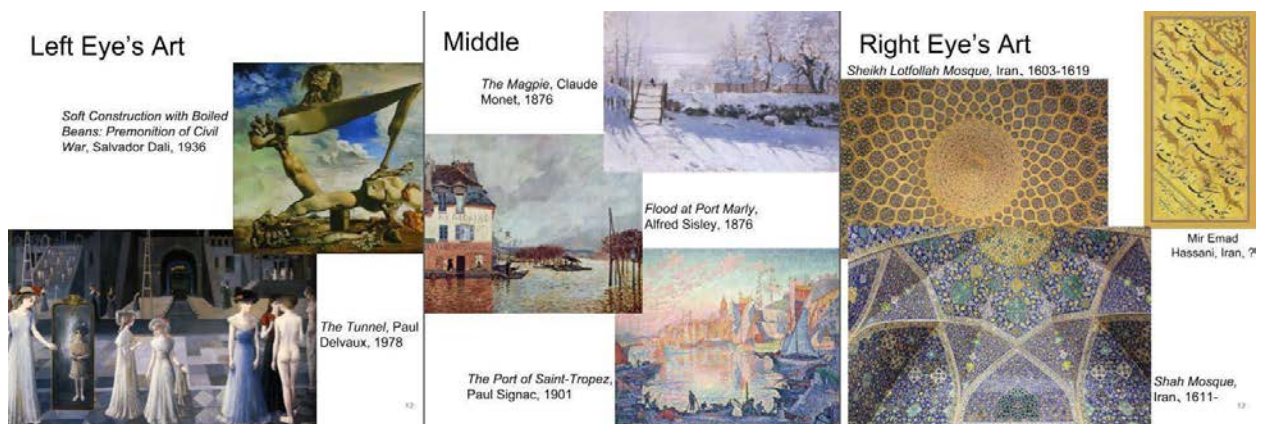
[08:13] Kunika: セザンヌはほとんどデジタルの世界ですね

[08:14] Kunika: 数学的 です

Yan;

(Right) Lower image of square, triangle and circle is titled as "The Universe". It is interesting in comparing with Second Life is consisted by cube, cylinder, sphere and torus.

[08:14] Beragon: I like that. The universe reduced to a few elemental forms



Yan

(Left) Surrealism (motivation for new experiment or sense). Jung and Freud discover new world in mind, unconsciousness.

(Middle) Impressionism

(Right) Islamic Art looks complex, but geometric.

[08:16] Chantal: Complex but organized

[08:16] Fumon: Close to the Fractal

[08:16] Chantal: Yes, indeed ☺

[08:17] Beragon: Arab art is highly abstract because they are prohibited from depicting the prophet. In response artists create very intricate abstract designs.

(Yan's comment: I agree.)



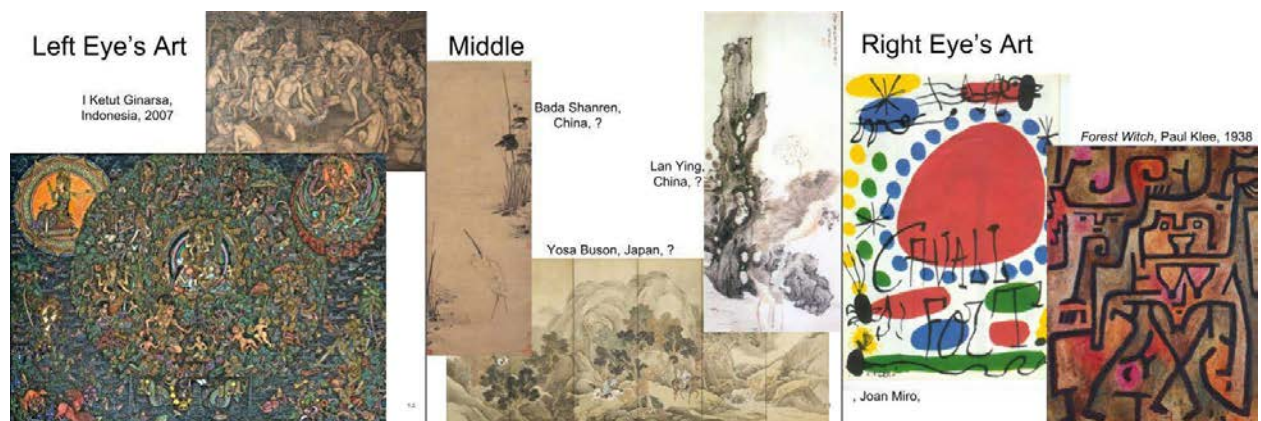


Yan

(Left) Unusual world (motivation for new experiment or sense)

(Middle) I wonder whether 花鳥風月 (Flower, Bird, Wind and Moon, Beauties of nature) is Left or Right.

(Right) Modernism architectures. Lower right image is portrait of mademoiselle, so Middle is possible, but highly idealized, so I put this on the Right.



Yan:

(Left) Balinese Art of Indonesia. Rich diversity

[08:18] Jes: wow :))

[08:18] Chantal: Left eye art speaks to Jes ☺ volumes

[08:18] Jes: hahaha

[08:18] Beragon: °\_°

Yan:

(Middle) Sansui (mountain and water)

(Right) Miro and Klee's paintings (I wonder a little whether Left or Right)

Yan: Time has passed. There is no time for guided tour of Motoko Museum, so I'll give guided tour on next Saturday, 10 Nov at 7 am PST (24:00 JST).

[08:18] Chantal: Wonderful presentation, Yan ☺

[08:18] Tagline: This is a pleasure to view

[08:19] Delia: Very interesting, Yan. Thank you for this presentation

[08:20] Chantal: Next week? Excellent ☺

[08:20] Chantal: Was hoping you would offer.

[08:20] Beragon: Museum tour next week?

[08:20] Chantal: yes, Beragon ☺

[08:20] Beragon: cool

[08:20] Kunika: 授業で集中できるのは2時間が限度ですね^^

[08:21] Tagline: Thank you, Yan! This was very stimulating!

[08:21] Beragon: A\*P\*P\*L\*A\*U\*S\*E!!!

[08:21] Chantal: Wonderful, subject!!!!

[08:21] Fumon: .•\*♥〃•Applause•〃♥\*•. yay

[08:21] Tagline: APPLAUSE

[08:21] Jes: Thank You yan :))) Loved the subject Yan

[08:21] Chantal: ♥

[08:21] Kunika: ありがとうございます

[08:21] Nat: claps

[08:21] Jes: ♥

[08:21] Tagline: Very exploratory! Loved it!

[08:21] Jes: ◆◆%□⑤◆◆

[08:22] Fumon: HiGH 5!

[08:22] Jes: one of my favorite presentations this year

[08:22] Akasha: Thank you so much Yan :)

[08:22] Kunika: ^^

[08:22] Yan: I'm sorry for long presentation

[08:22] Chantal: Looking forward to the tour, both previous ones were memorable

[08:22] Tagline: It was perfect, Yan

[08:22] Jes: Long, but I enjoyed every second of it ☺

[08:22] Chantal: Same ☺

[08:23] Chantal: It was worth every minute, Yan ☺

[08:23] Jes: ♥, Thank YOU for the presentation

[08:23] Tagline: Thank you for sharing your ideas!

[08:23] Delia: It was long, Yan, but didn't feel long because it was interesting

[08:23] Yan: I'm looking forward to read your comment.

[08:23] Fumon: 気候変動がおさまったあとに農耕文化が始まったという話は目からウロコでした  
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Taglin's additional comments

In terms of FINITE MATHEMATICS, I was thinking of most anything one can do with finite sets including sets with algebraic or arithmetic structure. This includes combinatorics and

probability theory of finite sets.

"Finite Mathematics" is a general term in maths curriculum to include most everything short of calculus. One way to think of FINITE MATHEMATICS is that it often relates to PARTITIONS of SETS. It strikes me that thinking exclusively in terms of "DIVIDING FINITE SETS OR RESOURCES UP" - in effect, partitioning finite sets - fits right in with "CONSERVATIVE" mindsets.

On the other hand, Maths evolves into Calculus, abstract and non-Euclidean geometries, topology and infinities of cardinality beyond that of the Natural Numbers (counting numbers, 1, 2, 3, 4, ...,  $n$ , ...)

To live in Nature, to survive in the wilderness, you might realize your own finiteness and that you can only acquire finite quantities of anything that is to be found, but I think there is a sense of the in between, the continuous trajectory between two points as a bird can fly, There is also more attention to the mysteries of life than those things one can subdue, control or hold in your power (even if that is just an illusion).

I think too that artistic expression of primitive man likely had a pragmatic aspect, a goal based on magical thinking and belief or hope that their focused thoughts and songs, drawings, carvings could elicit a hoped-for outcome.

Anyway, it is really a fascinating topic and I really enjoyed your concepts as to the origins of certain types of thinking and art as reflected in different periods of human history. Thanks!