

# What Were you Thinking - 1600s - part1

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## Framework

Humans, Groups

## Population

Humans, Groups, Individuals

## Questions

- Who cannot sustain a debate?
- What is the difference between shared beliefs of religion and shared beliefs of a Nation?
- How long do Nations last?
- When should constitutions be torn up and re-written?
- How long should civilization last?
- When is the best time to have revolts, revolution and societal collapse?
- What are you prepared to fight for? What are you prepared to ignore?

- Is **Constant Revolution** better than **Constant Evolution**?

## Initial Conditions

Individual, Group

## Self reference

Individual, Group

## Preamble

Historians have mused on the decline of civilizations and authors have written about their own times as they seem to be in decline. Much of the Wisdom literature of old men seems to be an attempt to warn or guide people around them about the dangers they see.

The rise of Mobs and group think around the entitled victim narrative has consequences. Women and blacks have corrupted the rule of law, society, politics and the media around the entitled victim narrative. Corrupt courts, universities, schools, politicians, companies, businesses, media (ABC, Guardian), public services - corrupt and lying politicians - calling out the mob demonizing people - especially white men and boys - a constant abusive narrative and a screaming and shouting down of debate by fucking pig-ignorant women, blacks, muslims and other binary extremists - including weak mined "heroic" men like the Magistrates in Canberra Magistrate court, Andrew Barr, Andrew Leigh, Chris Bowen, Tanya Plibersek ("Voldermort), Penny Wong, Katy Gallagher, Mark Drefuss, Mark Butler, Bill Shorten, ABC and all the fucking pig-ignorant Greens/Labour tyrannical narcissistic psychopaths who dominate the Greens/Labour political parties - the feminists, courts and tribal religious zealots and other binary war-mongering barbarians - the list is endless.

It might be time to revisit and discuss the history and context of "***The Tenure of Kings and Magistrates***" by **John Milton** <http://www.public-library.uk/ebooks/95/10.pdf> and the insights of **Henry Vane the Younger**/Henry Vane - Lifespan[1613 to 1662] Born\_Loc(Debden, Essex, England) Rank(30) Keyword(Politics, Reform, Freedom of Religion, Separation of Church and State, Parliamentarian, Victim), Wikidata(Q1424943) [https://en.wikipedia.org/wiki/Henry\\_Vane\\_the\\_Younger](https://en.wikipedia.org/wiki/Henry_Vane_the_Younger)

The Fucking Greens/Labour/Muslims burn Israeli flags, terrorize Jews and hang ISIS flags over Australian Parliament house.

The Fucking Greens/Labour/Muslims chant "From the River to the sea" in parliament house, universities, media and all over the streets of our cities aided and supported by Muslim/Black/Feminist university "professors", ABC and zealous smug self-righteous commentators - including the Prime Minister Anthony Albanese.

The Fucking Greens/Labour and Blacks burn down the front door of old Parliament house.

The Fucking Women, Greens/Labour march on parliament house chanting Kill all men and "All women are Victims", "Believe all Women", "I am woman hear me roar".

The Fucking Greens/Labour Blacks peddle the entitled victim narrative and groupthink - using their positions in courts, legislation, politics, libraries, childcare, kindergartens, schools, universities and

the media to corrupt everything they touch , constantly demonize and attack white men and boys and call out mob violence. Fucking Cunts.

See **Corruption – Extremists** <https://humanistman.com/wp-content/uploads/2020/01/Corruption-Extremists-Feedback.pdf> , **Women Lawyers – Corruption – Feminism – Debate** <https://humanistman.com/wp-content/uploads/2020/07/Women-Lawyers-Corruption-Feminism-Debate.pdf>

But the old men have been warning people for ages.

Let us imagine the sheer joy and relief **as War ended (again)** - men, women and children danced in the streets, strangers hugged and kissed each other, there was such hope for a better future, people let go their petty differences and antagonism, victimhood and abuse and **decided to embrace** a new shared peace and enjoyment of life. They started to re-build **again**.

Humans forget just as quickly as they can learn things. I think that this danger in society has much to do with the human condition - that is that we are born ignorant and **must learn most things in our own lifetimes** to survive. Inevitably mistakes will be made but we seem somehow driven to reduce the mistakes and increase survival rates. We need to remember things through history <https://en.wikipedia.org/wiki/Mnemosyne>

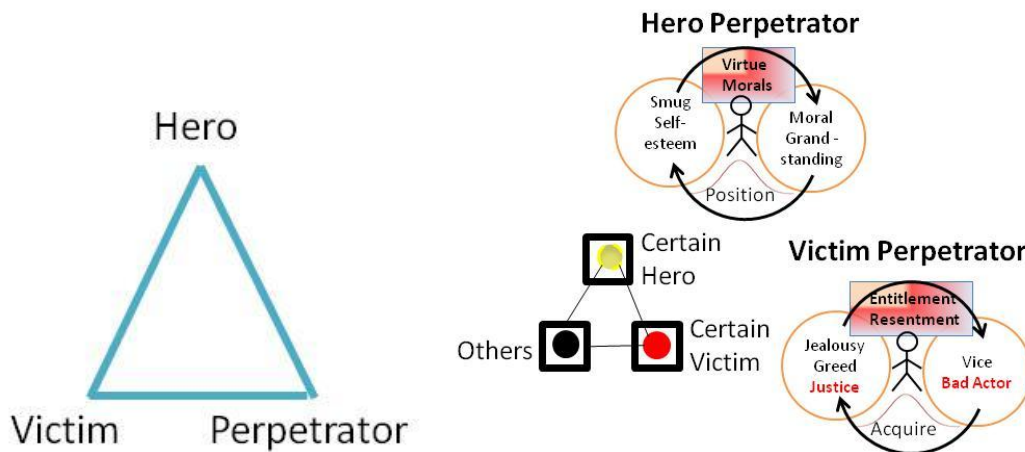
This is an extension to the idea of having many babies for each mother (like rats and mice plagues) to having fewer babies but investing more in their survival, education, learning and advancement - especially across changing conditions of weather, food resources, and challenges - taking some control of the human condition within the chaotic environment we inhabit.

Food, Storage, Housing, Water, Society, Education, Politics, Trade, Conflict Resolution all seem to develop along these lines.

DSM-5 <https://www.psychiatry.org/psychiatrists/practice/dsm> describes mental disorders - the ones I seem to notice lately are around **belief** - in particular the **vast disconnect** between **belief** and **reality**. **Delusions, obsessions, and overvalued ideas** are all explored and described and we can see that there is an inter connection of complex notions. (Also see Id, Ego, Super-ego)

**Obsessions** like compulsions and habits seem to be driven strongly and difficult to overcome. Many people seem obsessed with the **Drama Triangle** of **Hero, Victim** and **Perpetrator** - casting themselves as the **perpetual victim** (Tribal types/Groupthink - Women, Blacks and religious fanatics). Some of these people then adopt the **Entitled Victim Narrative** usually associated with revenge and violence - associated with a deluded belief that they are a “**Hero**” (A kind of “passive aggressive stance”)

See **Obvious Deluded Psychopaths – Extremists – Feminists** <https://humanistman.com/wp-content/uploads/2022/01/Obvious-Deluded-Psychopaths-Extremists-Feminists.pdf>



**Overvalued ideas** represent a lack of balance or perspective and a tendency to **binary certain** positions. Climate hysteria and the *Henny Penny*(*Chicken little*) syndrome could be called these. [https://en.wikipedia.org/wiki/Henny\\_Penny](https://en.wikipedia.org/wiki/Henny_Penny)

**Delusions** are associated with brain damage and many specific areas of the brain have been indentified from research with patients. Damage to the Temporal Lobe(declarative memory - “lived Experience”, Confirmation Bias, Sunk Cost Bias) will produce different delusions than damages to other areas of the brain. In General - areas of the **left side of the brain** seem connected to delusions. See Iain McGilchrist. <https://channelmcgilchrist.com/>

At the basis of these conditions the problem with **reconciling** what the Human brain perceives (Schemas, Jean Piaget <https://www.simplypsychology.org/piaget.html> ) about the world around them and the Reality and truth of the world. Many delusional people are also associated with extreme mental illnesses like paranoid schizophrenia - and can act in violent and extreme ways. Mass murderers have recently been an area of study and the psychiatric profession routinely debates what “mental illness” means.

The time we live in now I see many politicians, Media - especially Women and Black activists - but also people in courts, universities - display by action and writing what I see as **Obsession** and **Delusional ideas**. This is overlayed with the Entitled victim Narrative, Groupthink (tribal mobs) and openly displayed lies, corruption and deception of the societal systems to suit their delusions and corruptions.

Large numbers of people in society are mentally ill - in my view - probably from repeated victim narratives in schools, media, universities and politics on a **constant feedback loop** (George Orwells’ 1984 Big Brother propaganda and Jeremy Benthem’s Panopticon) with any interruption violently oppressed (passive aggressive, victim narratives “*So you are the victim here?*” (Penny Wong))as people desperately seek a kind of habitual zombie mind state - in a Fat, Dumb and Lazy way - probably motivated by wanting to “Feel Good” - very much like the drug addicts and gambling addicts and others who constantly self stimulate their feelings of “Goodness” like those who constantly signal their ‘Virtue’ - Virtue signallers who smile and nod their heads as they speak.

As a consequence of the Left Brain Dominance and the over stimulation of the Feelings (amygdala) - societal structures - Education, Law, Politics, Media (factual reporting) have become corrupted on a widespread scale - in my view signaling a collapsing civilization rather than a developing civilization.

It is very much the case now that hysterical women and those who have **overactive “feelings”** are systematically indulged and pandered to (Women, Blacks, Migrants, Religious fanatics - 18C , Coercive control, Payouts, Victim worship) - to the extent that those who question are not only attacked by the mobs but also systematically targeted by schools, universities, police, courts, legal systems, politicians, corporate businesses and the finance and banking sectors - including by world groups like the United Nations and Davos elites. **“Out of the Way - I am the Victim Here”** is juxtaposed with **“Out of the Way - I am The Hero here - I know how to save us all”**

Widespread delusion, Obsession and mental illness seems to be on a **constant feedback loop** and getting worse. I have told politicians this for many years but they will not and cannot, it seems - stop themselves. They double down and continue their delusions, **lies and corruption** - often supported by the media, elites and business “leaders”. Politicians promote their friends, donors and political allies to highly paid government positions to “Gaslight” the population publicly attack and denounce “heretics” and threaten people with legal action. [https://en.wikipedia.org/wiki/Gas\\_Light](https://en.wikipedia.org/wiki/Gas_Light)

There is a real shortage of intellectual leaders and in many ways the west exhibits the **intellectual desert** that we are used to seeing in China, North Korea, Iran and Russia.

We seem to be in a “Post Truth” world where **delusional beliefs** mean everything and reality does not matter but MUST BE repressed and violently denounced - and not even discussed explored or debated.

Even more concerning is the **Believers “We must act NOW!”** <https://www.sydney.edu.au/news-opinion/news/2017/10/04/living-in-a-post-truth-world.html> want to take over the definition of “Truth” and reality rather than openly debate and discuss what “Truth is”. People who want to **debate** the “Truth” all called deniers, liars, Far Right nut jobs (Bill Shorten) and Misinformation/Disinformation peddlers.

Or to put it another way - all the **“Believers” should tolerate** (i.e. not kill people) other beliefs while we debate what “truth” **might be**.

Even Parliamentarians were not allowed to debate under that narcissistic psychopath King James [https://en.wikipedia.org/wiki/Protestation\\_of\\_1621](https://en.wikipedia.org/wiki/Protestation_of_1621) *The **Protestation of 1621** was a declaration by the House of Commons of England reaffirming their right to freedom of speech in the face of King James I's belief that they had no right to debate foreign policy.*

**John Selden** - Lifespan[1584 to 1654] Born\_Loc(Salvington, Sussex) Rank(80) Keyword(Philosophy, Librarian, Polymath, Politics, Law, Religion), Wikidata(Q735697) <https://www.britannica.com/biography/John-Selden> [https://en.wikipedia.org/wiki/John\\_Selden](https://en.wikipedia.org/wiki/John_Selden)

[https://en.wikipedia.org/wiki/Petition\\_of\\_Right](https://en.wikipedia.org/wiki/Petition_of_Right) *The **Petition of Right**, passed on 7 June 1628, is an English constitutional document setting out specific individual protections against the state, reportedly of equal value to Magna Carta and the Bill of Rights 1689.[1] It was part of a wider conflict between Parliament and the Stuart monarchy that led to the 1639 to 1653 Wars of the Three Kingdoms, ultimately resolved in the 1688–89 Glorious Revolution.*

<https://www.poetryfoundation.org/poets/john-milton> **John Milton** (1608 to 1674) grew up in the middle of a puritanical turmoil. **Copyright, fair use, public interest, nor for profit, education, partial extract**

*“John Milton’s career as a writer of prose and poetry spans three distinct eras: Stuart England; the Civil War (1642-1648) and Interregnum, including the Commonwealth (1649-1653) and Protectorate (1654-1660); and the Restoration. Milton’s chief polemical prose was written in the decades of the 1640s and 1650s, during the strife between the Church of England and various reformist groups such as the Puritans and between the monarch and Parliament. Designated the antiepiscopal or antiprelatical tracts and the antimonarchical or political tracts, these works advocate a freedom of conscience and a high degree of civil liberty for humankind against the various forms of tyranny and oppression, both ecclesiastical and governmental. In line with his libertarian outlook, Milton wrote Areopagitica (1644), often cited as one of the most compelling arguments on the freedom of the press.”*

<https://en.wikipedia.org/wiki/Areopagitica> *Its basic principle was the right and also the duty of every intelligent man as a rational being, to know the grounds and take responsibility for his beliefs and actions. Its corollary was a society and a state in which decisions are reached by open discussion, in which the sources of information are not contaminated by authority in the interest of party, and in which political unity is secured not by force but by a consensus that respects variety of opinion.*

In the 1600s **John Milton** argued against the **Licensing** Legislation

[https://en.wikipedia.org/wiki/Licensing\\_Order\\_of\\_1643](https://en.wikipedia.org/wiki/Licensing_Order_of_1643) and for Free speech and Freedom of expression which have served as the foundation of Western Democracies for hundreds of years.

*“The Licensing Order reintroduced almost all of the stringent censorship machinery of the 1637 Star Chamber Decree, including:*

- *pre-publication licensing.*
- *registration of all printing materials with the names of author, printer and publisher in the Register at Stationers’ Hall.*
- *search, seizure, and destruction of any books offensive to the government.*
- *arrest and imprisonment of any offensive writers, printers and publishers.”*

But now we have Australian Governments implementing the same kind of draconian controls through legislation, public servants and The ABC (the “Star Chamber” equivalent). People (White Men and Boys) are demonized (ABC, Guardian and other media) and convicted without a trial or due process ( See Canberra Domestic Violence Laws and “Keeping women and their Children Safe”, Government policies, Legislation and courts -“Family Court” , Schools “Take the Knee, boy”, Universities, etc) all undermining the long held legal position of **Habeas Corpus**

[https://en.wikipedia.org/wiki/Habeas\\_Corpus\\_Act\\_1679](https://en.wikipedia.org/wiki/Habeas_Corpus_Act_1679) dating back to the Magna Carta and earlier times.

Our Draconian laws now are similar to the beginnings of the scientific revolution when **binary certain** people and dogmatists wanted to mandate - in **excruciating legislated draconian detail** exactly what “Truth” and “Reality” was rather than Hypothesis testing and continuing stepwise Hypocratically cautious development. “*The Ends Justifies the Means*” they declared as they

destroyed as much as they could as quickly as they could without debate or due process. This has been observed and explained by many people including - **George Orwell** and *Ministry of "Truth"*.  
[https://en.wikipedia.org/wiki/Ministries\\_in\\_Nineteen\\_Eighty-Four](https://en.wikipedia.org/wiki/Ministries_in_Nineteen_Eighty-Four)

Repression of speech and debate was both underground and in public in England during the 1600s. Men met in coffee shops and formed debating clubs [https://en.wikipedia.org/wiki/Rota\\_Club](https://en.wikipedia.org/wiki/Rota_Club) or [https://en.wikipedia.org/wiki/Mermaid\\_Tavern](https://en.wikipedia.org/wiki/Mermaid_Tavern) (Near John Milton's Childhood house in Bread Street) and published satirical and provocative pamphlets, masks, plays to encourage debate. Now in Australia, anyone who tries to discuss reality and difficult debates is shouted down and abused by the MOB, denounced by the Senate (e.g. Bettina Arndt), legislated against and pursued by fanatics like we have at the ABC and Guardian but back in the 1600s it was people like **Roger L'Estrange**.

[https://en.wikipedia.org/wiki/Roger\\_L%27Estrange](https://en.wikipedia.org/wiki/Roger_L%27Estrange) **Sir Roger L'Estrange** (17 December 1616 – 11 December 1704[1]) was an English pamphleteer, author, courtier and press censor. Throughout his life L'Estrange was frequently mired in controversy and acted as a staunch ideological defender of King Charles II's regime during the Restoration era. His works played a key role in the emergence of a distinct 'Tory' bloc during the Exclusion Crisis of 1679–81. Perhaps his best known polemical pamphlet was **An Account of the Growth of Knavery**, which ruthlessly attacked the parliamentary opposition to Charles II and his successor James, Duke of York (later King James II), placing them as fanatics who misused contemporary popular anti-Catholic sentiment to attack the Restoration court and the existing social order in order to pursue their own political ends.

<https://quod.lib.umich.edu/cgi/t/text/text-idx?c=eebo;idno=A47796.0001.001>

<https://ota.bodleian.ox.ac.uk/repository/xmlui/handle/20.500.12024/A47866> **The growth of knavery and popery under the mask of presbytery** and The Introduction to *Isle of Pines*

<https://gutenberg.org/cache/epub/21410/pg21410-images.html>

I have developed several ideas as discussions and models to try to assist people overcome their delusions, binary thinking to try to gain a **stronger view of reality** and learn how to develop. These include my frames, articles and Google maps of the world on my website

<https://humanistman.com/>

## Introduction

The Turmoil in Europe and England especially in the 1600s can be compared to times now in the West and especially here in Australia. There seem to be far many more intellectuals and creative thinkers in England in the 1600s than we have seen in Australia for the last 50 years. While Rene Descartes, Marin Mersenne and the network of thinkers was exploring the ideas of Maths and Philosophy, Astronomy, Medicine, World Laws, Chemistry, etc - England was experiencing a growth in Poetry, Drama, Plays, Masks, Pamphlets, Satire and Political discussion that helped form the western cannon as we see it now 400 years later. Leiden and the Dutch republic was a hub for a network of people exploring painting, philosophy, maths, law, languages (Hebrew, Latin, Greek), botany, medicine and London was a hub for exploration around drama, poetry, music, government reform, law, political theory, Utopian ideals, multiplicity of religions, debate and free thinking.

Political exploration, ideas and issues - were all being vigorously debated in drama, poetry, pamphlets and written works backwards and forwards . All of these ideas could be discussed by



individuals and debated in small groups as well as discussed on the wider stage. Not only was debate happening but **IT WAS SEEN to be happening** - the talk could not be ignored. Leaders could not pretend that the IDEA did not exist. The truth of the ideas being OUT IN THE OPEN could not be ignored.

But a **New Science** and scientific method can not only open up new ideas and debates it can also threaten the Dogma and Traditions and the **Orthodoxy** and the incumbent power structures. Using scientific methods to increase **totalitarian religious dogma** seems strange now but many people thought nothing of it in the 1600s. "Purity" of ideas developed to excessive levels - the balance of various parts of society were being pushed - binary extremists types were arguing not only on the blood stained religious battlefields but also in the universities and coffee shops. The idea of "Utopia" was being discussed at the same time that people were killing each other over their views of "Utopia".

The double edge sword of a "New Science" is that it threatens to destroy truth as it has evolved. Scientific methods were rapidly developing in 1600s Europe. **Thomas Browne** could point out things which were clearly insane beliefs unsupported by science - but at the same time he expressed his "wisdom" as I kind of "New Truth" which became the basis for Puritanism and Witch Trials. The Rule being - **BE VERY CAREFUL ABOUT CLAIMING TRUTH** - Because some idiots might believe you and do what you say. [https://en.wikipedia.org/wiki/Pseudodoxia\\_Epidemica](https://en.wikipedia.org/wiki/Pseudodoxia_Epidemica) the new **"Messiah" of ultimate certain truth.**

See [https://en.wikipedia.org/wiki/Witchcraft\\_Acts](https://en.wikipedia.org/wiki/Witchcraft_Acts) Mandating witches as "truth" lead to world wide insanity and still does. See United Nations, Davos, etc.

For Browne and many others - they had read the best books, been educated by the best people around and attended the best universities - In Browne's case he had hobnobbed with Leiden's finest thinkers and philosophers. Just because you think you know some things does not mean you know everything. See Seven Sages of Greece, Draco and Solon and Philo

[https://en.wikipedia.org/wiki/Seven\\_Sages\\_of\\_Greece](https://en.wikipedia.org/wiki/Seven_Sages_of_Greece)

[https://en.wikipedia.org/wiki/Draco\\_\(lawgiver\)](https://en.wikipedia.org/wiki/Draco_(lawgiver)) <https://en.wikipedia.org/wiki/Solon>

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

The Danger of the **"Final Truth"** is self explanatory. It is **certainly** Final.

## Revolutions and Wars - The Art of Societal Change

Revolutionary societal change takes place when there larger than normal type changes across large areas. Evolutionary changes are when there are small scale changes in many different places and many different times.

We see small scale changes in history and it is difficult to detect them and their impacts for some time. For historians this a difficult task - to track small changes and times in history which seem to have had major impacts on humanity. This was found in observations, mathematics and forecasting weather in 1963 and called the **"butterfly effect"**

**Edward Norton Lorenz** - Lifespan[1917 to 2008] Rank(30) Keyword(Math, Chaos), Wikidata(Q174808) [https://en.wikipedia.org/wiki/Edward\\_Norton\\_Lorenz](https://en.wikipedia.org/wiki/Edward_Norton_Lorenz)



<https://history.aip.org/climate/chaos.htm>

[https://journals.ametsoc.org/view/journals/atsc/20/2/1520-](https://journals.ametsoc.org/view/journals/atsc/20/2/1520-0469_1963_020_0130_dnf_2_0_co_2.xml)

[0469\\_1963\\_020\\_0130\\_dnf\\_2\\_0\\_co\\_2.xml](https://journals.ametsoc.org/view/journals/atsc/20/2/1520-0469_1963_020_0130_dnf_2_0_co_2.xml) Copyright AMS - Fair use public interest partial extract not for profit educational purposes

### **Abstract**

*Finite systems of deterministic ordinary nonlinear differential equations may be designed to represent forced dissipative hydrodynamic flow. Solutions of these equations can be identified with trajectories in phase space. For those systems with bounded solutions, it is found that nonperiodic solutions are ordinarily unstable with respect to small modifications, so that slightly differing initial states can evolve into considerably different states. Systems with bounded solutions are shown to possess bounded numerical solutions.*

*A simple system representing cellular convection is solved numerically. All of the solutions are found to be unstable, and almost all of them are nonperiodic.*

*The feasibility of very-long-range weather prediction is examined in the light of these results.*

[https://en.wikipedia.org/wiki/Butterfly\\_effect](https://en.wikipedia.org/wiki/Butterfly_effect) In 1961, Lorenz was running a numerical computer model to redo a weather prediction from the middle of the previous run as a shortcut. He entered the initial condition 0.506 from the printout instead of entering the full precision 0.506127 value. The result was a completely different weather scenario

In short, the **mathematical existence of Chaos** was found by changing the **Precision of the Numbers** being entered into the mathematical model. It is also to be noted that when Lorenz says “Full precision” this is not correct because “full precision” would be infinity. See **Fractals**

<https://fractal.foundation.org/resources/what-are-fractals/> . See my article **Equality – Diversity – Measurement – Notice** <https://humanistman.com/wp-content/uploads/2020/08/Equality-Diversity-Measurement-Notice.pdf>

To some extent, predictive modelers now are aware of Lorenz and his work and they repeat forecasts using multiple levels of precision with numbers to get some estimate of “Chaos” within their weather forecast. They do not understand infinity so they make this estimate a “Percentage” (Bounded and constrained) and make their forecasts “100%” chance of rain - when in fact many times no rain appears and the day is mostly sunny without a cloud in the sky (0% means it pours down) - these failed predictions are their “blind spot” .e.g. If I keep predicting the sky will fall I will eventually be “right”. They think that their models can be “improved” but they do not understand the limits to their improvements and think that even more precision (decimal places - and huge investment to do so) will make the predictions “Better” and more “Accurate”. To some extent this approach shows a major misunderstanding of what Chaos is and the problems with mathematical predictions.

To expand the idea that “one Butterfly” can make a difference then it goes without saying - **ALTHOUGH I MUST STATE THE OBVIOUS** BECAUSE PEOPLE TEND TO OVERLOOK IT - then every butterfly and everything else makes a difference. So No matter how “Precise” your **selected** “measurements” are **you cannot measure everything KNOWN thing**. More than that - “Everything”

in this sense does not include unknown or unmeasurable things outside your bounded and constrained universe.

One problem many people have is knowing where their infinities are. In this example some infinities are

- Precision of the Numbers
- Number of Things being measured
- Ways of Grouping of things being measured
- Infinite number of unknown things

These ideas are particularly pertinent to today because we had a deluded set of “scientists” who are predicting the future based on their models and raising world wide alarm called “Climate Change” or more appropriately “**Climate Change Hysteria**” - very much like the “Witch Trials Hysteria” and other world wide hysterias in history.

So I will repeat Lorenz - “*The **feasibility of very-long-range weather prediction** is examined in the light of these results.*”

Let me emphasize his conclusion: (page 12 of 12)

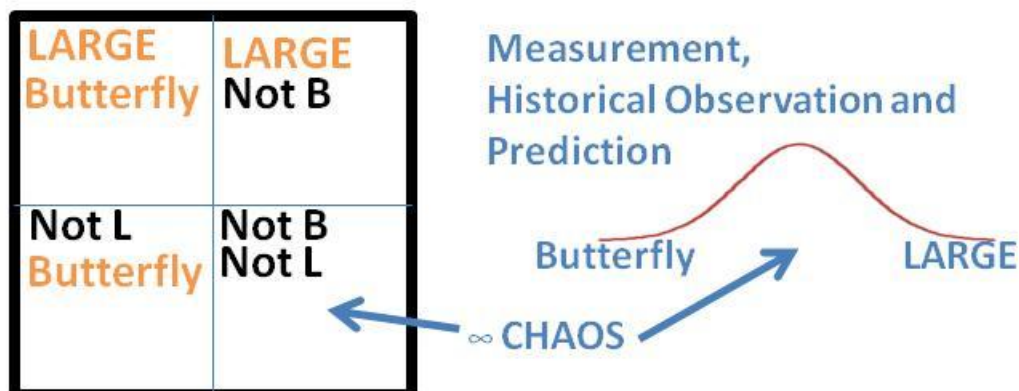
[https://journals.ametsoc.org/view/journals/atsc/20/2/1520-0469\\_1963\\_020\\_0130\\_dnf\\_2\\_0\\_co\\_2.xml?tab\\_body=pdf](https://journals.ametsoc.org/view/journals/atsc/20/2/1520-0469_1963_020_0130_dnf_2_0_co_2.xml?tab_body=pdf)

*..prediction of sufficiently distant future is **impossible by any method unless present conditions are known exactly.** In view of the **inevitable inaccuracy and completeness** of weather observations, precise long-range forecasting would **seem to be non-existent.***

**Most scientists do not understand what this means.**

So “Predictions” are a bit like “History” - I **cannot measure everything** in History to see the “Butterfly Effects” - nor can I reduce History to a simple Model . See **Peter Turchin**  
<https://peterturchin.com/>

So while all the *butterfly effects* are occurring we also have **non-butterfly effects** - i.e. **Large scale change** like major volcanic explosions, large wars, Plagues, comets across the sky, meteorites - which tend to be noticeable because of the size of the **space** and **time** of their **impacts**. Things grouped together in Large clumps. It could be argued they are interrelated - they exist together.



Evolution is a combination of these kinds of things and when changes occur on a larger scale that we **seem to be able to coalesce** ideas around a higher abstracted concept - we call that a "Revolutionary Change".

In a Political sense - which is where we use the term "Revolution" - often - it used to describe the actions of human beings in mobs, crowds and acting as coordinated individuals or individuals working with a similar purpose, place and time - actively making choices and changing things usually in Political regimes.

Marxists and other binary certain fanatics (blacks, women and weak minded men - on average) scream "*We need a revolution*" - whipping themselves up into a permanent self-righteous frenzy like the Muslim **Whirling Dervishes** who whipped themselves up to a frenzy before going to Battles in India (as described in historical texts e.g. **Jean-Baptiste Tavernier** )

<https://quod.lib.umich.edu/cgi/t/text/text-idx?c=eebo;idno=A63439.0001.001> )

[https://en.wikipedia.org/wiki/List\\_of\\_revolutions\\_and\\_rebellions](https://en.wikipedia.org/wiki/List_of_revolutions_and_rebellions)

[https://en.wikipedia.org/wiki/Revolution\\_\(Beatles\\_song\)](https://en.wikipedia.org/wiki/Revolution_(Beatles_song))

## The Power of Belief

People believe all kinds of things which are simply not true and many continue to believe things despite of **almost overwhelming direct personal evidence to contrary**.

See [https://en.wikipedia.org/wiki/Black\\_Knight\\_\(Monty\\_Python\)](https://en.wikipedia.org/wiki/Black_Knight_(Monty_Python)) *The **Black Knight** is a fictional character who first appeared as a minor antagonist in the 1975 comedy film *Monty Python and the Holy Grail* by the Monty Python comedy troupe. A knight dressed in black who wears a helmet completely concealing his face, he is based on the black knight of the Arthurian legend. Like most of the characters in *Holy Grail*, he is played by a member of Monty Python, namely John Cleese, who primarily portrays Lancelot in the film. The *Black Knight* appears in a single scene of *Holy Grail*, in which he guards a tiny bridge over a small stream and fights King Arthur, who wants to pass it; although a brave and skilled swordfighter, he is defeated by Arthur, who is soon bewildered by the knight's staunch refusal to admit his obvious defeat.*

*According to the DVD audio commentary by Cleese, Michael Palin, and Eric Idle, the sequence originated in a story told to Cleese when he was attending an English class during his school days. Two Roman wrestlers were engaged in a particularly intense match and had been fighting for so long that the two combatants were doing little more than leaning into one another. It was only when one wrestler finally tapped out and pulled away from his opponent that he and the **crowd realised the other man was, in fact, dead** and had effectively won the match posthumously. The moral of the tale, according to Cleese's teacher, was "if you never give up, you can't possibly lose" – a statement that, Cleese reflected, always struck him as being "philosophically unsound".[1] The story would have been a deformed (or misremembered) description of the death of the Greek wrestler Arrhichion of Phigalia.[citation needed]*

*Cleese said that the scene would seem heartless and sadistic except for the fact that the *Black Knight* shows no pain and just keeps on fighting, or trying to, however badly he is wounded. Also, as the scene progresses and Arthur becomes increasingly annoyed, his dialogue lapses from medieval ("You*

are indeed brave, Sir Knight, but the fight is mine.") to modern ("Look, you stupid bastard, you've got no arms left!"), and finally to just plain sarcastic ("What are you gonna do, bleed on me?"), while the Black Knight remains just as defiant ("I'm invincible!" he yells with only one leg left, to which Arthur simply replies "You're a loony.").

Flat earth - overweight, Anorexia, Drugs, drug Addiction, Witches, Ghosts, Fear, Haunting - Fight or Flight - the Man who failed to recognize his wife - all signs of unbalanced belief systems. The Human brain stores and processes beliefs in many ways

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2802367/> "Commenting on the seminal neuroimaging study on beliefs by Harris et al., 2007, Sachs and Hirsch, 2008 suggested that human beings tend to accept appearances as reality until they prove otherwise. Following this argument, four important implications can be put forward: 1. humans tend to believe their perceptions to be true, 2. humans develop a positive stance towards such a belief, 3. beliefs can be updated by confirming or disproving new evidence, 4. the processes underlying believing result from brain function."

and the **Placebo Effect** is very strong <https://www.ncbi.nlm.nih.gov/books/NBK513296/>

Humans are **strongly motivated** by their belief systems - which are built up over time and bedded down with repetition - **Sunk Cost** and **Confirmation Bias** - [https://en.wikipedia.org/wiki/Extreme\\_Overvalued\\_Beliefs](https://en.wikipedia.org/wiki/Extreme_Overvalued_Beliefs) - which leads to **violence** and protection of their sunk cost investment in their highly embedded schemas of the world (lived experience - Edmund Husserl)

See **Arguments in Extremes – Arguments of the Uncommon Man** <https://humanistman.com/wp-content/uploads/2024/06/Arguments-in-Extremes-Arguments-of-the-Uncommon-Man.pdf>



Humans are also **inclined to Habits** rather than thinking and checking things. This is part of the **Fat, Dumb and Lazy** tendency to conserve energy which seems to occur more strongly when humans are extremely well fed and well off. (Smug Caligulas). See **Time Reaction Pattern Habit Plan** <https://humanistman.com/wp-content/uploads/2021/05/Time-Reaction-Pattern-Habit-Plan.pdf>

Accepting reality means the brain needs to update it's beliefs.

Temporal Lobe [https://en.wikipedia.org/wiki/Temporal\\_lobe](https://en.wikipedia.org/wiki/Temporal_lobe) Agnosia <https://en.wikipedia.org/wiki/Agnosia> Cognitive Therapy <https://www.apa.org/ptsd->

[guideline/patients-and-families/cognitive-behavioral](#) “CBT treatment also usually involves efforts to change behavioral patterns. These strategies might include: **Facing one’s fears** instead of avoiding them. **Using role playing to prepare** for potentially problematic interactions with others. **Learning to calm one’s mind and relax one’s body.**”

Also see **Universe 25**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1644264/pdf/procrsmed00338-0007.pdf>

<https://en.wikipedia.org/wiki/Jonestown> The Peoples Temple Agricultural Project, better known by its informal name "Jonestown", was a remote settlement in Guyana established by the Peoples Temple, an **American cult** under the leadership of Jim Jones. Jonestown became internationally infamous when, on November 18, 1978, a total of **918[1][2] people died at the settlement**, at the nearby airstrip in Port Kaituma, and at a Temple-run building in Georgetown, Guyana's capital city. The name of the settlement became synonymous with the incidents at those locations

[https://psychologicalsciences.unimelb.edu.au/\\_data/assets/pdf\\_file/0016/3522013/OConnell-2017.pdf](https://psychologicalsciences.unimelb.edu.au/_data/assets/pdf_file/0016/3522013/OConnell-2017.pdf) **Delusion-like beliefs in anorexia nervosa: An interpretative phenomenological analysis**

Jessica E O’CONNELL, 1 Sarah BENDALL, 2,3 Elisabeth MORLEY, 1 Chia HUANG 4 and Isabel KRUG1

1 Melbourne School of Psychological Sciences and 2 The Centre for Youth Mental Health, The University of Melbourne, 3 Orygen The National Centre for Excellence in Youth Mental Health and 4 The Melbourne Clinic, Melbourne, Australia .

“Objective: **Quantitative evidence suggests that a subset of individuals with anorexia nervosa (AN) may hold beliefs pertaining to food, body image, and appearance that are delusional in nature.** The present study extended this research through qualitatively exploring beliefs held by AN patients and the consequences of holding such beliefs.”

Crişan C, Androne B, Barbulescu LD, Suciú BD. **Nexus of Delusions and Overvalued Ideas: A Case of Comorbid Schizophrenia and Anorexia in the View of the New ICD-11 Classification System.** *Am J Case Rep.* 2022 Jan 1;23:e933759. doi: 10.12659/AJCR.933759. PMID: 34972814; PMCID: PMC8729308. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8729308/> In cases where the cognitive-affective drivers eliciting abnormal eating behaviors strongly influence diagnostic accuracy and treatment planning, it is important to be extremely thorough in differentiating between the phenomenology of **delusions, obsessions, and overvalued ideas.**

[https://en.wikipedia.org/wiki/Extreme\\_Overvalued\\_Beliefs](https://en.wikipedia.org/wiki/Extreme_Overvalued_Beliefs) An extreme **overvalued belief** is shared by others in a person's cultural, religious, or subcultural group (including online). The belief is often relished, amplified, and defended by the possessor of the belief and should be differentiated from a delusion or obsession. **Over time, the belief grows more dominant, more refined, and more resistant to challenge.** The individual has an intense emotional commitment to the belief and **may carry out violent behavior in its service.** Over time, **belief becomes increasingly binary, simplistic, and absolute**

[https://en.wikipedia.org/wiki/Carl\\_Wernicke](https://en.wikipedia.org/wiki/Carl_Wernicke) **Carl (or Karl)[a] Wernicke** 15 May 1848 – 15 June 1905 was a German physician, anatomist, psychiatrist and neuropathologist. He is known for his influential research into the pathological effects of specific forms of **encephalopathy** and also the study of

**receptive aphasia**, both of which are commonly associated with Wernicke's name and referred to as Wernicke encephalopathy and Wernicke's aphasia, respectively. His research, along with that of Paul Broca, led to groundbreaking realizations of the localization of brain function, specifically in speech. As such, Wernicke's area (a.k.a. Wernicke's Speech Area) has been named after the scientist.

Wernicke additionally discussed the dangers of mistaking sensory aphasia with a confused or psychotic state, and **he emphasized the importance of distinguishing between aphasia and agnosia, the failure to recognize objects**, which was described by Sigmund Freud in 1891.

So when you combine heightened anxiety, belief problems (**Delusion, Obsession and Overvalued Ideas**), cognition problems, lack of education, tribal resentment and entitled victim narratives (women, blacks, religious groups), Drama Triangle (Hero, Victim Perpetrator), binary extremism, certainty of belief, Groupthink and **Obedience to Authority** [https://en.wikipedia.org/wiki/Obedience\\_to\\_Authority:\\_An\\_Experimental\\_View](https://en.wikipedia.org/wiki/Obedience_to_Authority:_An_Experimental_View) - you could say "Houston, we have a problem" - That is if you "believe" men went to the moon.

**How big does the disaster have to be before objective reality is appreciated?**

## **Presumption of Victimhood - the homeostasis of the Entitled Victim Narrative**

Australia's Legislation has formally mandated the idea of victimhood in much of the legislation. The Discrimination Act (List of victim identity group types **excluding** White Men), Family Law (Children are the victims of their parents, Wives are the victims of their husbands), Violence Legislation in Canberra and other places (ANROWS - "Women are the biggest victims of violence"), NDIS Disability (Disabled people are victims), Immigration (Victims of oppression), Human Rights (for victims not for perpetrators "Human Rights are Selective"), Police asking people to come forward to accuse Cardinal George Pell, People being induced to claim "victimhood" for monetary rewards (charities, grants and foundations) and fame (Media and "Gofundme"), etc.

But also the constant victim statement is on display in courts and parliaments as the "Black Victim flag" (as promoted by Amanda Stoker), classrooms, media, universities, politics (Penny Wong - "So You are the victim here?" - secret taxpayer funded ex-gratia "victim" payouts authorized by Katy Gallagher and Mark Dreyfuss) and idiot elites like Hillary Clinton and Malcolm Turnbull "Women are the Biggest Victims of War". Much of society is driven by the binary Drama triangle and binary certain thinking. Less than 20% of people can escape binary thinking - even less as it becomes embedded in the culture in Law, Media, Education, Books, Films, Libraries, etc.

- **Racism and other Groupthink** <https://humanistman.com/wp-content/uploads/2019/08/Racism-and-other-Groupthink.pdf>
- **Binary Groupthink** <https://humanistman.com/wp-content/uploads/2020/06/Binary-Groupthink.pdf>
- **Corruption – Binary Thinking – Prove You are Not A Criminal** <https://humanistman.com/wp-content/uploads/2020/07/Corruption-Binary-Thinking-Prove-You-are-Not-A-Criminal.pdf>



- **Optimizing Between Extreme Distributions – Social Justice** <https://humanistman.com/wp-content/uploads/2020/07/Optimizing-Between-Extreme-Distributions-Social-Justice.pdf>
- **Binary Groupthink – Overcoming** <https://humanistman.com/wp-content/uploads/2021/02/Binary-Groupthink-Overcoming-1.pdf>
- **Stepping Over The Bodies With Binary Certainty** <https://humanistman.com/wp-content/uploads/2021/02/Stepping-Over-The-Bodies-With-Binary-Certainty.pdf>
- **Obvious Deluded Psychopaths – Extremists – Feminists** <https://humanistman.com/wp-content/uploads/2022/01/Obvious-Deluded-Psychopaths-Extremists-Feminists.pdf>
- **Virtue Signaling the Drama Triangle** <https://humanistman.com/wp-content/uploads/2022/04/Virtue-Signaling-the-Drama-Triangle.pdf>
- **Habitual Delusion** <https://humanistman.com/wp-content/uploads/2022/08/Habitual-Delusion.pdf>
- **Women Lawyers – Corruption – Feminism – Debate** <https://humanistman.com/wp-content/uploads/2020/07/Women-Lawyers-Corruption-Feminism-Debate.pdf>

What we see in Australia is the habitual **PRESUMPTION OF VICTIMHOOD** based on group identity.

This has become a deeply entrenched habit in a homeostasis kind of way and involves the Fat, Dumb and Lazy technique of classifying everything to small binary lists of certainty - certain **victim** groups, certain **hero** groups and certain **perpetrator** groups. White Men are currently classified as the certain perpetrator groups and Women, Blacks, Migrants and Muslims are classified as the certain victim groups.

The self declared Hero groups are many - ABC, Greens/Labour Politicians, Australia's Legal system (Women Lawyers and judges) and Weak-minded men (Judges in Canberra, and many other places). Heroes live in a **deluded smug virtue signaling mind state** which I discovered that was also noticed by **Henry Vane the Younger** [https://en.wikipedia.org/wiki/Henry\\_Vane\\_the\\_Younger](https://en.wikipedia.org/wiki/Henry_Vane_the_Younger) as the Puritans came to Boston in the New World. I rate **Henry Vane the Younger's work highly** and he seems to be a huge influence on the current debates of a Western style democracy.

*"According to historian **Michael Winship**, Vane's experiences in Massachusetts significantly radicalized his religious views, in which he came to believe that **clergy of all types**, including Puritan ministers, "were the second beast of Revelations 13:11", "**pretending to visible Saintship**".[45] This conviction drove his political activities in England, where he **sought to minimise the power and influence of all types of clergy**.[45] Biographer Violet Rowe writes that "Vane's guiding principles in religious policy seem to have been two: a rooted distrust of clerical power, whether of bishops or presbyters, and a belief that the State should abstain from interference in church matters altogether."*

[https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1540-6563.2007.00175\\_35.x](https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1540-6563.2007.00175_35.x) *The Times and Trials of Anne Hutchinson – By Michael P. Winship Elaine G. Breslaw First published: 28 February 2007*  
[https://doi.org/10.1111/j.1540-6563.2007.00175\\_35.x](https://doi.org/10.1111/j.1540-6563.2007.00175_35.x)  
<https://history.uga.edu/directory/people/michael-p-winship>

*"Vane formed an alliance with a group of republican military officers known as the Wallingford House party, who met secretly in violation of laws enacted to **limit military participation in political matters**.[166] The Cromwellian factions in the parliament overreached in their attempts to control*



republican sentiment in the military, and Cromwell was forced to dissolve the parliament in April 1659.[167] Cromwell, with little support in the military, abdicated several days later.[168] Following a purge of pro-Cromwell supporters from the military and a widespread pamphleteering campaign, Cromwell's council recalled the Rump Parliament in May.[169]

In the reconstituted Rump Parliament, **Vane was appointed to the new council of state**. He also served as commissioner for the appointment of army officers, managed foreign affairs, and examined the state of the government's finances, which were found to be in dismal condition”

“During the tumultuous year of the late 1650s proposals for how the government should be structured and **how powers should be balanced were widely debated, in private, in public debates in Parliament, and through the publication of pamphlets**. Vane used all of these methods to promote his ideas. In 1660 he published **A Needful Corrective or Balance in Popular Government**. This open letter was essentially a response to James Harrington's *The Commonwealth of Oceana*, a 1656 treatise describing Harrington's view of a utopian government, which included limitations on property ownership and a legislature with an elected upper chamber.”

University of Michigan - <https://quod.lib.umich.edu/e/eebo/A65173.0001.001?view=toc> **A needful corrective or ballance in popular government expressed in a letter to James Harrington, Esquire, upon occasion of a late treatise of his, and published as seasonable in the present juncture of affaires**

.. By Government or Rule in general is to be understood that power which, de facto, comes to be set up as supreme, and is exercised over Nations or People by way of oversight and command for the good of the whole Body, in either of the three conditions of men you mention, whether of Servants, Subjects, or Citizens.

The rise and being which is given to ruling Power amongst Nations and Kingdomes, is not by chance, nor meerly through the will of Man, but hath its place found in Gods Ordinance and Institution; for there is no Power but is of God, and the Powers that are sprung either from his Authority and Commission, or from his Tolleration and Permission. So as upon one account or the other, we may truly say, they are so limited and ordered by him, whether it respect the form of their constitution, the force of their operation, or the time of their continuance, as well as the use and end which they serve un/to, that when all is done, Power only belongs to God, who kils and makes alive, and puls down one and sets up another, that it may be kuown, that the pillars of the Earth are his, and he hath set the World upon them, upholding all things by the Word of his Power; so as neither promotion nor abasement does come from the East or from the West, but from him alone, in order to bring to passe the work which he hath to do in the World, for the good of his Church and People.

So while Vane still placed “God” at the top of everything - he still **debated** and argued for balance and separation. These debates were raging in England at the time and many political philosophies and ideas were being widely discussed. Vane was executed - like many others were in Europe - for expressing dangerous ideas - especially in politics and religion but even Astronomy and Science was under attack.

## Presumption of Innocence - Rule of Law - Fear

Belief and fears **ought not be** the basis of rational thought or **drastic violent action**.

**Are “Feelings of Fear” justification for criminalization, incarceration and murder?**

**Justifiable Homicide** - [https://en.wikipedia.org/wiki/Justifiable\\_homicide](https://en.wikipedia.org/wiki/Justifiable_homicide)

Were Isis brides “coercively controlled” by men or radicalized by Muslim extremists? Did they have choice and were they responsible and accountable for their own decisions? Australia and UK have different legal opinions.

<https://www.politico.eu/article/uk-isis-bride-shamima-begum-loses-appeal-over-loss-of-british-citizenship/> <https://www.abc.net.au/news/2024-05-08/isis-bride-mariam-raad-pleads-guilty/103816332>

**Coercive Control** <https://www.nsw.gov.au/family-and-relationships/coercive-control/the-law>

“**makes a person fear** for their own safety or the safety of others. “

“for **Aboriginal or Torres Strait Islander** people, extended family or kin according to the Indigenous kinship system of the person’s culture.”

<https://www.respect.gov.au> “ **Violence against women** and all gender-based violence has long-term and far-reaching impacts. It affects children, families, friends, work colleagues, communities and society as a whole. It will take all of us to play an active role to prevent and end it. **Violence**

**against women starts with disrespect** (unsupported assertion to reinforce tribal victim narrative)

or to put it another what has “disrespect” got to do with drugs, alcohol, anger, fear, disagreement, misunderstandings, accidents, fighting and hysteria?

*‘Tolerance is respect, acceptance and appreciation of the rich diversity of our world’s cultures, our forms of expression and ways of being human. It is fostered by knowledge, openness, communication, and freedom of thought, conscience and belief. Tolerance is harmony in difference. It is not only a moral duty, it is also a political and legal requirement. Tolerance, the virtue that makes peace possible, contributes to the replacement of the culture of war by a culture of peace.’ -*

Author(UNESCO) Year[1995] Age(50) Source\_Document(declaration of principles on tolerance)  
Keyword(Humanism Freedom Group) <https://www.refworld.org/docid/453395954.html>

I do not care what your personal thoughts, beliefs and conscience are - it is how you behave in society and what you do to others which matters. (**Martin Luther King** and many others)

See **Responsibility Accountability Learning Populism Justice** <https://humanistman.com/wp-content/uploads/2021/04/Responsibility-Accountability-Learning-Populism-Justice.pdf>

*'Personal freedom is a magnificent thing; by it and by it alone can a nation achieve its true freedom. Man must respect and honor his freedom in himself no less than in his neighbor or in the people at large.'* - Author(**Aleksandr Ivanovich Herzen**) Year[1849] Source\_Document(Letter from Paris to His Friend in Moscow (March 1st, 1849) Imperial Russia, A Sourcebook 1700-1917) Keyword(Humanism Freedom Group) [https://en.wikiquote.org/wiki/Alexander\\_Herzen](https://en.wikiquote.org/wiki/Alexander_Herzen)

*'I respect you too much not to have this argument'* - Author(Jonathan Pearson) Year[2019] Age(61) Keyword(Development Agree Individual)

<https://www.aic.gov.au/publications/sr/sr46> Homicide in Australia 2022–23

Table B3: Homicide victims by sex, 1989–90 to 2022–23

	Male		Female	
	n	Rate per 100,000	n	Rate per 100,000
1989–90	215	2.53	115	1.34
1990–91	204	2.37	148	1.71
1991–92	202	2.32	129	1.47
1992–93	219	2.49	141	1.60
1993–94	218	2.46	124	1.38
1994–95	218	2.43	122	1.35
1995–96	232	2.56	126	1.38
1996–97	209	2.28	110	1.19
1997–98	201	2.17	113	1.21
1998–99	222	2.38	120	1.27
1999–2000	206	2.18	138	1.44
2000–01	192	2.01	127	1.31
2001–02	240	2.48	136	1.40
2002–03	217	2.22	109	1.10
2003–04	196	1.98	109	1.09
2004–05	175	1.76	87	0.86
2005–06	188	1.85	113	1.10
2006–07	185	1.79	81	0.77
2007–08	161	1.52	112	1.05
2008–09	181	1.68	81	0.75
2009–10	186	1.70	96	0.87
2010–11	158	1.41	88	0.80
2011–12	175	1.54	93	0.81
2012–13	179	1.56	86	0.73
2013–14	148	1.28	98	0.84
2014–15	170	1.44	83	0.70
2015–16	152	1.27	83	0.67
2016–17	168	1.38	77	0.61
2017–18	139	1.12	62	0.49
2018–19	165	1.30	76	0.60
2019–20	182	1.45	98	0.75
2020–21	155	1.22	73	0.56
2021–22	175	1.36	59	0.45
2022–23	171	1.29	75	0.56
Total	6,404		3,488	

**More men die from violence than women on average. It is delusion to think otherwise.**

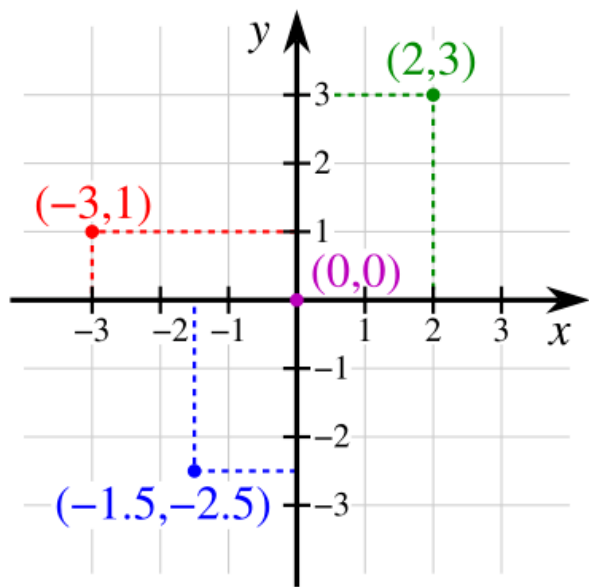
See **Stepping Over The Bodies With Binary Certainty** <https://humanistman.com/wp-content/uploads/2021/02/Stepping-Over-The-Bodies-With-Binary-Certainty.pdf>

## Archimedes Again and Calculus

Euclid, Archimedes and Pythagoras were being revived in the 1600s and interest in maths and calculations increased for cartography, sailing, astronomy and astrology (“predicting” the future based on the positions of stars and planets). The Cartesian coordinate system was expanding rapidly in mathematics.

**Rene Descartes** - Lifespan[1596 to 1650] Born\_Loc(La Haye en Touraine, Touraine, Kingdom of France (now Descartes, Indre-et-Loire)) Rank(1) Keyword(Philosophy, Math, Exponents, Science, Geometry , Algebra), Wikidata(Q9191) [https://en.wikipedia.org/wiki/Ren%C3%A9\\_Descartes](https://en.wikipedia.org/wiki/Ren%C3%A9_Descartes)  
<http://www.gutenberg.org/ebooks/search/?query=rene+descartes>  
<https://plato.stanford.edu/entries/descartes/>

[https://en.wikipedia.org/wiki/Cartesian\\_coordinate\\_system](https://en.wikipedia.org/wiki/Cartesian_coordinate_system)



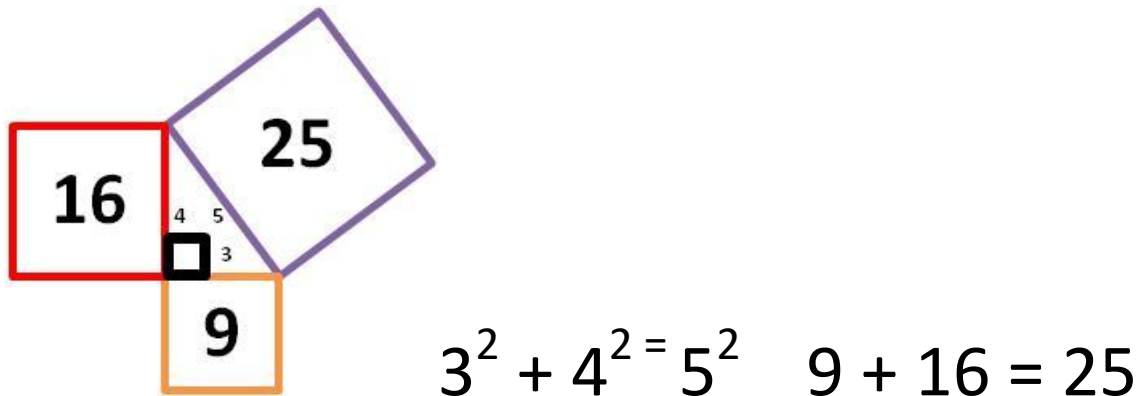
Eventually around the 1600s we developed integration and differentiation - **Calculus** - to be able to evaluate “area under the curve” and **rates of change** - straight lines tangents to the curve as described by the Pythagorean formula. The re-invention of the **Zero point** in Phase Space [https://en.wikipedia.org/wiki/Phase\\_space](https://en.wikipedia.org/wiki/Phase_space) was useful for maps and sailing around the world but also delved into more and more Spatial “Dimensions” - i.e. extra terms in the formula - all driven by the Pythagorean Power Law.

**Pythagoras** - Lifespan[-570 to -495] Born\_Loc(Samos) Rank(1) Keyword(Math, Prophet, Travel, Education, Philosophy), Wikidata(Q10261) <https://en.wikipedia.org/wiki/Pythagoras>  
<https://plato.stanford.edu/entries/pythagoras/> <https://www.ancient.eu/Pythagoras/>

A Reminder <https://en.wikipedia.org/wiki/Pythagoras> Pythagoras and others noted the number 12 as represented by 3, 4 and 5 produces a triangle which has two features.

1 - the right angled triangle points to the Sun overhead at Noon giving a “Right Angle”

2 - The Sum of the squares on two sides of the triangle equals the sum of the square of the Diagonal to the Right Angle.



It was then asserted that 4 right angles make a **square** AND **cover all of the angles in space** to make a **circle**. You can see how the specific expression above becomes generalized to become the formula for a circle as  $X^2 + Y^2 = r^2$  where the x and the y variables are the base and the perpendicular forming the right angle and the **Hypotenuse then becomes the radius** of the circle.

Hence we go from 3 to 4 to Infinity in Space - represented by the circle. i.e. All of dimensional space is asserted by the right angled triangle.

**Euclid** - Lifespan[-323 to -283] Born\_Loc(Unknown maybe Alexandria) Rank(1) Keyword(Math), Wikidata(Q8747) <https://en.wikipedia.org/wiki/Euclid> <https://www.ancient.eu/Euclid/> [https://www.worldhistory.org/Chandragupta\\_Maurya/](https://www.worldhistory.org/Chandragupta_Maurya/) [https://en.wikipedia.org/wiki/Euclid%27s\\_Elements](https://en.wikipedia.org/wiki/Euclid%27s_Elements) [https://classicalliberalarts.com/resources/EUCLID\\_ENGLISH\\_1.pdf](https://classicalliberalarts.com/resources/EUCLID_ENGLISH_1.pdf)

Euclid expanded on this idea - collecting many ideas from others in a book describing many types of triangles and relationships between the ratio of measurements of sides of triangles to each other and the angles. This is called **Euclidian Geometry** - which is essentially what most mathematics is based on now. In other words mathematical foundations are basically “Spatial” in that they assume at least three dimensions.

As a consequence we get a mathematical system where the **Cartesian Coordinates** in space have their sign converted to represent a “Positive” number as a distance relative to a ZERO point. E.g. the Square Root of 4 is BOTH minus 2 and 2. This is a Cartesian/Euclidian concept - NOT a number line concept. Number line has 2 directions whereas the Cartesian system turns two directions into distance (a path - e.g. like “Graph Theory” - nodes and networks) instead of direction. Cartesian Direction is described by angle based on Triangles in Cartesian space.

i.e. the concept of multiplication of minus values has a **different meaning** on the number line as “Repeat the process again” as an example take 2 away from 4 gives 2 take 2 way again gives zero and again gives minus 2.  $4 + (3 * -2) = - 2$  I struggle to find any meaning for the expression  $0 + (-2 * -2) = ?$  on the **number line**. i.e How can you do the negative (NOT) of repeating a process? If you **do something** then you are repeating a process which is a positive **Declared** idea i.e. The opposite of Repeat is **NOT Repeat** (an infinity) on the continuum. This is one of the places we see binary thinking, the **binary switch routine** and a failure to understand the plurality curve - or more explicitly - **bounding** one of our infinities by a rule. We can do ratios or divide but again the negative numbers seem strange.

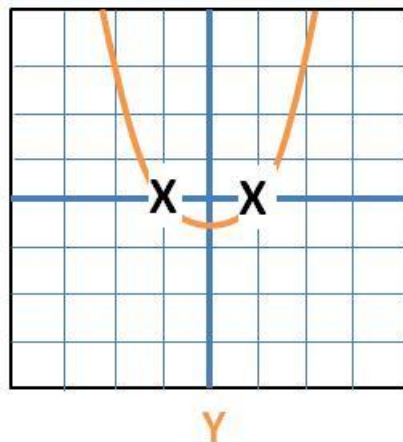
**Algebra and Quadratic equations** multiple terms together. **Linear equations** do not multiply the same variable by itself (power law) while **Quadratic Equations** do **multiply the same variable by itself** (recursion - essentially, the power law is infinitely recursive)

[https://amsi.org.au/teacher\\_modules/Quadratic\\_Equations.html](https://amsi.org.au/teacher_modules/Quadratic_Equations.html) “A quadratic is an expression of the form  $ax^2 + bx + c$ , where  $a$ ,  $b$  and  $c$  are given numbers and  $a \neq 0$ . “

Adding more variables in the terms and equations gives us curves (e.g. a parabola) in ever increasing dimensions.

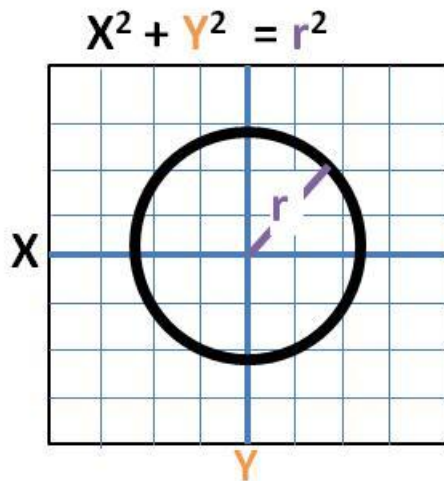
### Algebra and Quadratic Equations using Power Law

$$\begin{aligned} (X-1)(X+1) &= 0 \\ X^2 + X - X - 1 &= 0 \\ X^2 - 1 &= 0 \\ X^2 &= 1 \\ X &= 1, X = -1 \end{aligned}$$



$$\begin{aligned} (X-1)(X+1) &= Y \\ X^2 + X - X - 1 &= Y \\ X^2 - 1 &= Y \\ Y &= X^2 - 1 \end{aligned}$$

<https://www.mathsisfun.com/algebra/circle-equations.html> a two dimensional circle - but what about more “right angle” dimensions?

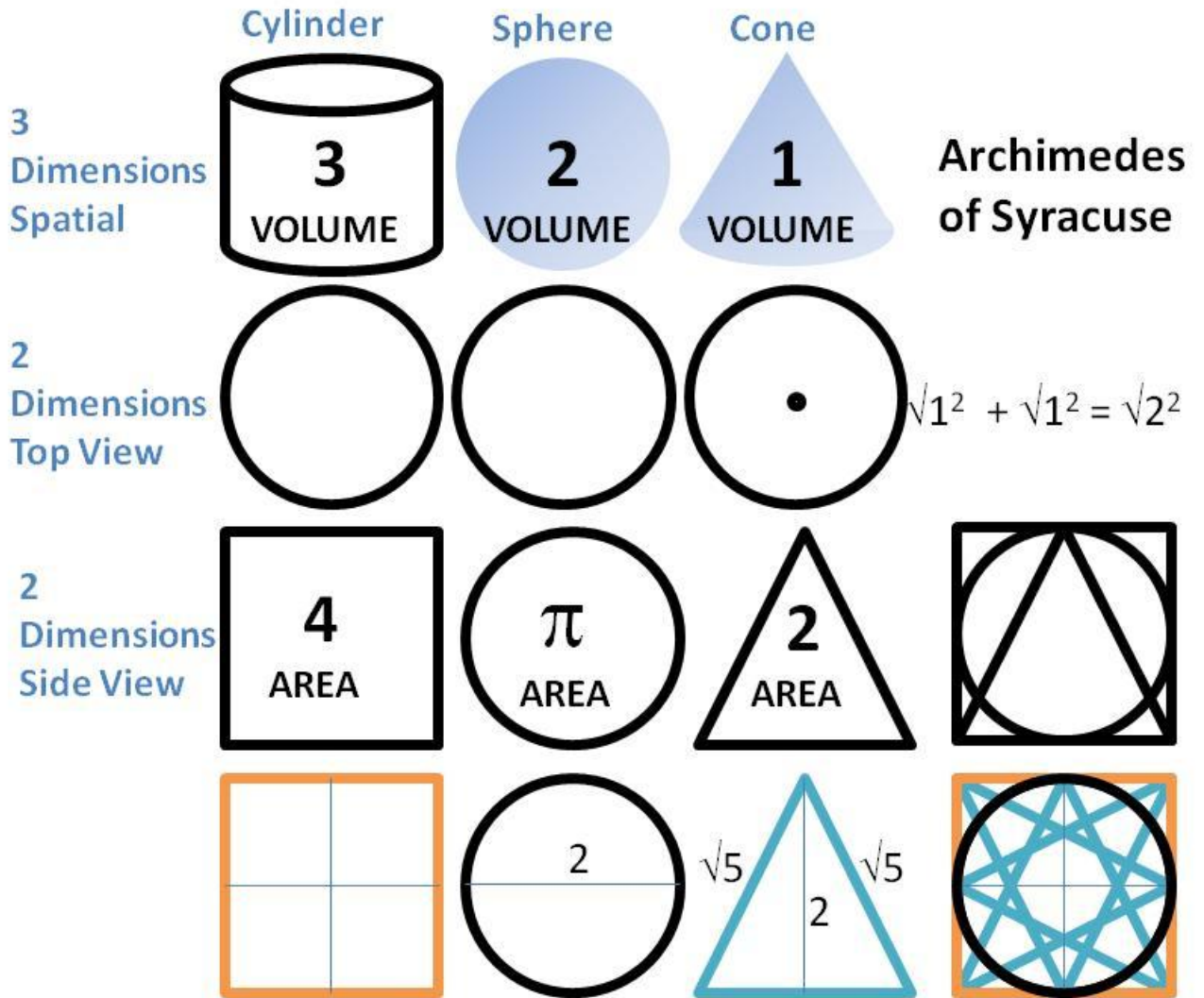


$$A^2 + B^2 + C^2 + D^2 + E^2 \dots = r^2$$

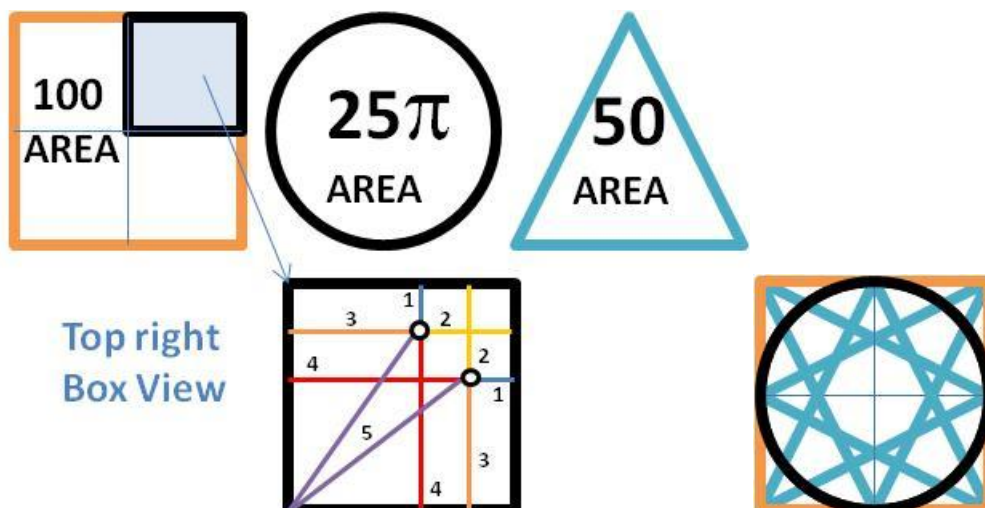
**Archimedes** - Lifespan[-287 to -211] Born\_Loc(Siracuse, Sicily) Rank(1) Keyword(Science), Wikidata(Q8739) <https://www.famousscientists.org/archimedes/>  
<https://www.ancient.eu/Archimedes/>  
<https://www.maa.org/press/periodicals/convergence/mathematical-treasure-the-archimedes-palimpsest>

Archimedes extends the work of his time to examine objects in 3 dimensions - the **Sphere**, the **Cone** and the **Cylinder**. [https://en.wikipedia.org/wiki/On\\_the\\_Sphere\\_and\\_Cylinder](https://en.wikipedia.org/wiki/On_the_Sphere_and_Cylinder)  
[https://math.mit.edu/~mqt/math/resources/archimedes\\_on-the-sphere-and-the-cylinder\\_bk-1.pdf](https://math.mit.edu/~mqt/math/resources/archimedes_on-the-sphere-and-the-cylinder_bk-1.pdf)  
<http://www.ams.org/publicoutreach/feature-column/fcarc-archimedes3> and found many relationships. <https://homework.study.com/explanation/why-cone-volume-is-1-3-of-a-cylinder.html>  
<https://study.com/academy/lesson/volume-of-cylinders-cones-and-spheres.html> especially the **integer relationship** of volumes of three objects.

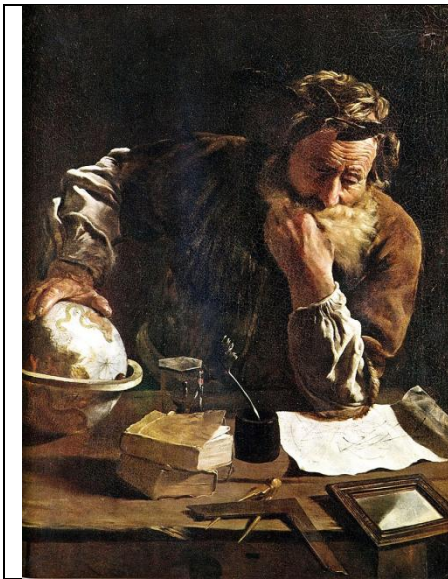




And we can multiply the Area ratios by **25** (Giving the diameter of the circle a value of 10, the width of the square = 10 and the base of the triangle = 10) to see how the Pythagoras triangle fits in many ways within the area. Also see how the **Archimedes Triangle** (Blue) fits. See **Integer – Ratio – Power Law – Chaos** <https://humanistman.com/wp-content/uploads/2020/12/Integer-Ratio-Power-Law-Chaos.pdf>



Calculus then explored the transitions backwards and forwards between dimensions in multi term Pythagorean (Power law - Square Law) expressions in Euclidean space.



[https://en.wikipedia.org/wiki/Archimedes#/media/File:Domenico-Fetti\\_Archimedes\\_1620.jpg](https://en.wikipedia.org/wiki/Archimedes#/media/File:Domenico-Fetti_Archimedes_1620.jpg)

**Archimedes 1620** By **Domenico Fetti** - [http://archimedes2.mpiwg-berlin.mpg.de/archimedes\\_templates/popup.htm](http://archimedes2.mpiwg-berlin.mpg.de/archimedes_templates/popup.htm) , Public Domain, <https://commons.wikimedia.org/w/index.php?curid=146592>

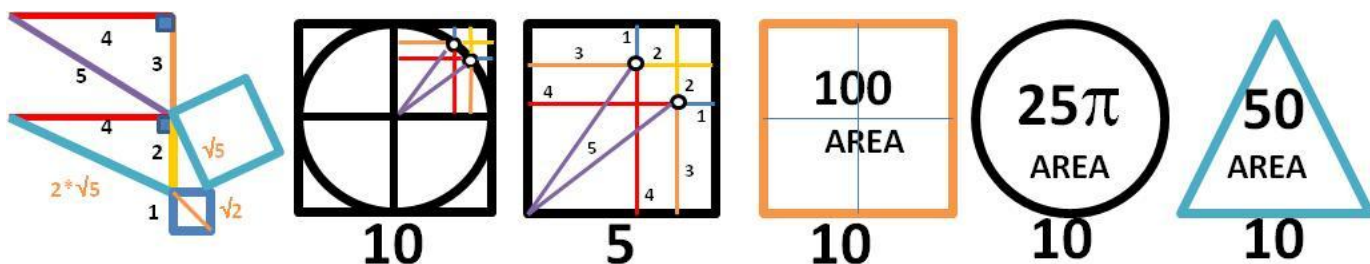
[https://en.wikipedia.org/wiki/Domenico\\_Fetti](https://en.wikipedia.org/wiki/Domenico_Fetti) **Domenico Fetti** (also spelled Feti) (c. 1589 – 16 April 1623) was an Italian Baroque painter who was active mainly in Rome, Mantua and Venice.

The Ratios of shapes and solids seem interesting to me. It also seems interesting that the CONE when sliced and diced into a two dimension view gives us **conic sections**

[https://en.wikipedia.org/wiki/Conic\\_section](https://en.wikipedia.org/wiki/Conic_section) **Circle, Ellipse, Parabola and Hyperbola**  
<https://www.brainfuse.com/jsp/alc/resource.jsp?s=gre&c=36983&cc=108825>

I have already turned the Pythagoras equation 3,4,5 into a Square. When I turn it into 4 Squares I am essentially creating 4 right angles allowing the triangles, circles and squares to be compared. The big square is 10 by 10 giving 4 smaller squares and 100 boxes or gridlines. See **Squares, Circles and 5 Integers**

<https://humanistman.com/wp-content/uploads/2021/02/Squares-Circles-and-5-Integers.pdf> The smallest diagonal in all the boxes is Root 2. The Diagonal triangle lines in Blue represent the CONE in two dimensional cross section and within the 4 Boxes has **Root 5** and **Root 5** times 2 as the main values although there are other possible triangles as well. The **Golden Ratio**  
[https://en.wikipedia.org/wiki/Square\\_root\\_of\\_5](https://en.wikipedia.org/wiki/Square_root_of_5)



Let us consider the Archimedes Triangle (Blue) where the height is exactly the same as the width of the base. It fits exactly in the Square.

Let us also consider that the Cone in 3 dimensions has a Cross section which is exactly this triangle in 2 dimensions.

There is a line which goes through the centre of the cone and hence the center of the triangle. The length of the line is exactly the same as the diameter of the base of the cone and the base of the triangle.

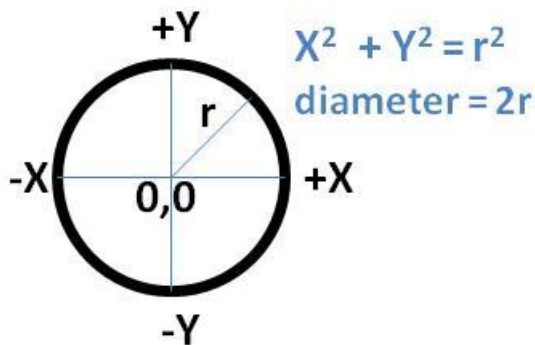
A Parabola is a canonical section - that is it can be considered a "slice" through the Cone. This means that all the points on the parabola touch some point on the Cone.

So Imagine I want to draw a Parabola - which fits the Archimedes cone - looking "square on" i.e. in 2 dimensional view which touches the triangle view of the cone.

I created an excel spread sheet to try to find where the Parabola **slices through the cone** when the Cone has a base of 10 and a height of 10. The problem is that I want all the integer points of the parabola that slice through the cone to touch the cone (and hence the triangle in two dimensions).

So the general technique is to Draw all the integer circles and then look at the integer circles in cross section as a two dimensional line.

The general Formula for a circle is  $X^2 + Y^2 = R^2$  where x is the position of the x Axis and y is the position on the y axis.



So all of the circles exactly fit the cone from the top view (the circle) and from the side view (the

triangle) all we see is the **-X** and **+X** co-ordinates on the X line. **The Y dimension is removed.**

Side on i.e. (-1,+1), (-2,+2) so in the case of (-2,0) (+2,0) we have  $2^2 + 0^2 = R^2$  where formally the Value of X being -2 and +2 can be considered in an **initial self reference** and **recursion** kind of way as the Square Root of 4.

$$(\sqrt{4})^2 + 0^2 = R^2 \quad 2^2 + 0^2 = 2^2$$

Hence R - the radius of the circle is exactly the same as the X value as a distance from the centre point of 0,0. But I have to generate the circles using the formula one at a time. I can choose the next circle having a radius of 3

$$3^2 + 0^2 = R^2 \quad (\sqrt{9})^2 + 0^2 = R^2 \quad 3^2 + 0^2 = 3^2$$

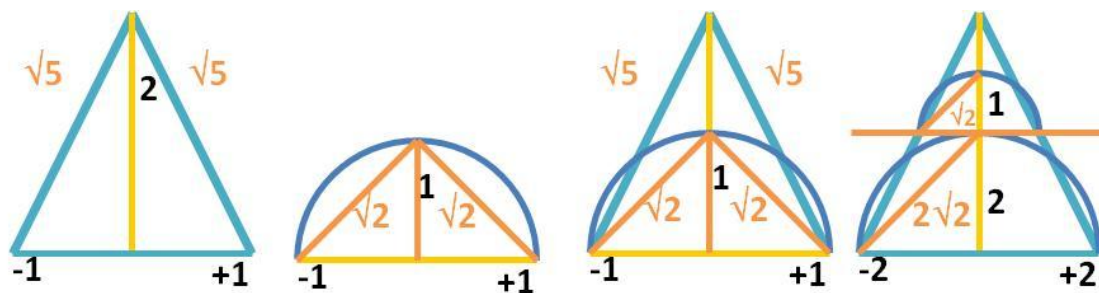
$$4^2 + 0^2 = R^2 \quad (\sqrt{16})^2 + 0^2 = R^2 \quad 4^2 + 0^2 = 4^2$$

$$5^2 + 0^2 = R^2 \quad (\sqrt{25})^2 + 0^2 = R^2 \quad 5^2 + 0^2 = 5^2$$

$$1^2 + 0^2 = R^2 \quad (\sqrt{1})^2 + 0^2 = R^2 \quad 1^2 + 0^2 = 1^2$$

$$2^2 + 0^2 = R^2 \quad (\sqrt{4})^2 + 0^2 = R^2 \quad 2^2 + 0^2 = 2^2$$

This approach highlights the difference between the Archimedes triangle and the Circle in one dimension. The Circle in one dimension create a triangle which is different to the Archimedes triangle so the transformation between 3 dimensions and 2 dimensions is highlighted



So we can see that the process repeats and we are always left with Archimedes triangle compared to the circle as described above.

But what if I do something silly like bring the Y coordinate into play into the formula.

$$X^2 + Y^2 = R^2 \text{ e.g. } 2^2 + 2^2 = R^2$$

$$(\sqrt{4})^2 + (\sqrt{4})^2 = R^2 \quad (\sqrt{4})^2 + (\sqrt{4})^2 = (\sqrt{8})^2$$

The x coordinate limits are still (-2,+2) and the y coordinate limits are still (-2,+2) but the radius - instead of being 2 is now the square root of 8 squared which is completely different to looking at it in the X plane or the y plane. i.e. **2 does not equal the square root of 8.**

I am playing and exploring to see what I can discover. So I now I have brought the Y dimension into play but the **Radius value has changed** because I have to take in the value of both x and Y. But what if I **do a trick** and say that the Radius (the r value) still crosses the cone (and hence the triangle) at one side and the opposite side from the central point - which is true. So I can say that in 3 dimensions that the circle still fits on the cone but I want to see the R value only on the X axis as Plus or minus r. So for example I fix all the r values to integer and then work out what the vales for x and y are and then plot the x value as plus or minus x?

$X^2 + Y^2 = R^2$  for all integer values of R what are the values of x?

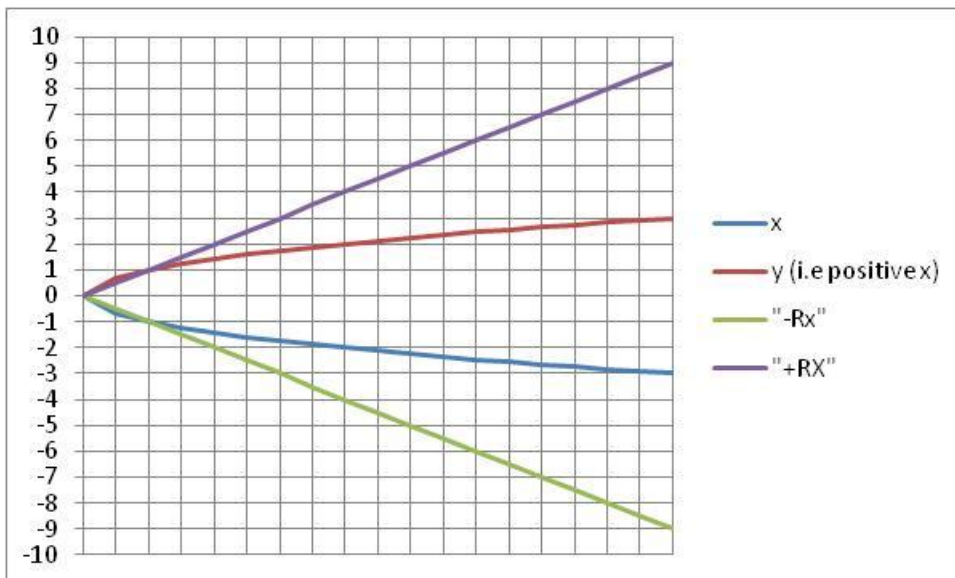
x	y (i.e positive x)	R Value	R Distance	"-Rx"	"+RX"
0	0	0	0	0	0
-0.70711	0.707107	1	0.5	-0.5	0.5
-1	1	2	1	-1	1

-1.22474	1.224745	3	1.5	-1.5	1.5
-1.41421	1.414214	4	2	-2	2
-1.58114	1.581139	5	2.5	-2.5	2.5
-1.73205	1.732051	6	3	-3	3
-1.87083	1.870829	7	3.5	-3.5	3.5
-2	2	8	4	-4	4
-2.12132	2.12132	9	4.5	-4.5	4.5
-2.23607	2.236068	10	5	-5	5
-2.34521	2.345208	11	5.5	-5.5	5.5
-2.44949	2.44949	12	6	-6	6
-2.54951	2.54951	13	6.5	-6.5	6.5
-2.64575	2.645751	14	7	-7	7
-2.73861	2.738613	15	7.5	-7.5	7.5
-2.82843	2.828427	16	8	-8	8
-2.91548	2.915476	17	8.5	-8.5	8.5
-3	3	18	9	-9	9

So I am looking at the Radius IN ONE DIMENSION ONLY e.g. the X values only (which are exactly the same as the y values) as if it is a circle in one dimension.

In other words - I can plot the numbers above and the x and y values look like **parabola** - and hence **must fit some kind cone** in some way but I do not understand how. These are only numbers but I have a parabola and therefore a Cone and a Triangle side view. So what I have done is transferred the R value (the radius) to the height dimension - that is to say the straight vertical line that is in the middle of the Cone and in the Middle of the Archimedes triangle.

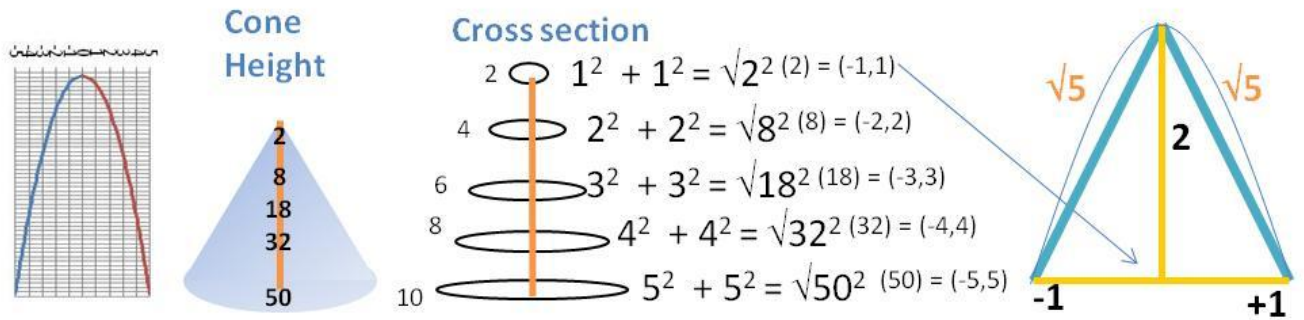
So the R value as a distance from the centre looks exactly like an **Archimedes triangle** but the x values look like a parabola which fits a cone of some kind.



In the case of integer values up to 5 - the height of the triangle cone needs to be 50. Let x be the distance from the **vertical zero line** (which goes through the centre of the Cone and hence the Triangle) in Euclidian space. e.g. 1 to 5 - (-1,1), (-2,2) (-3,3) (-4,4) (-5,5) . In other words the initial self reference and recursion is that distance from zero is Pythagorean Squares then the relationship of height of triangle/cone to **base/diagonal** of triangle/cone turns out to be exactly  $2 \cdot x^2$ . The height

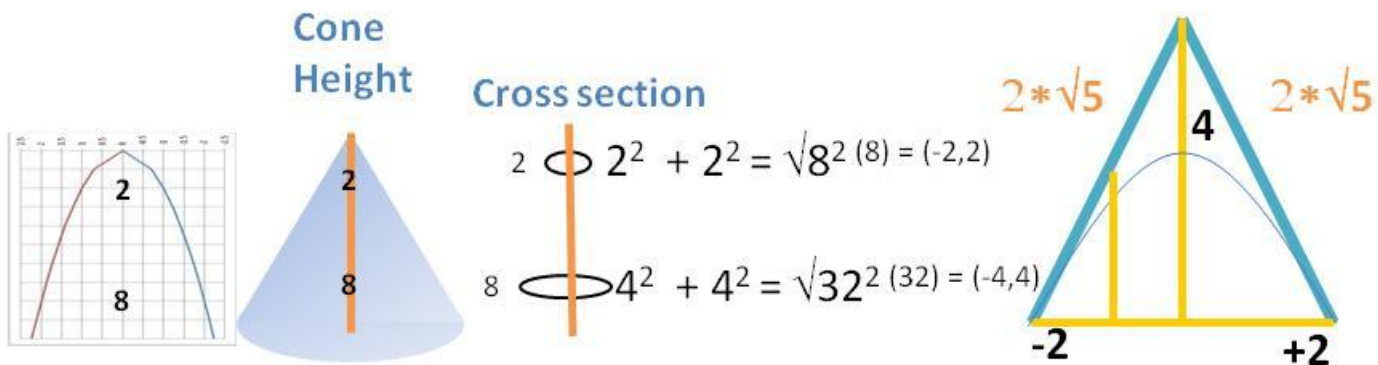


is exactly two times the base integer squared. E.g. 5 Squared is 25,  $25 * 2 = 50$ .

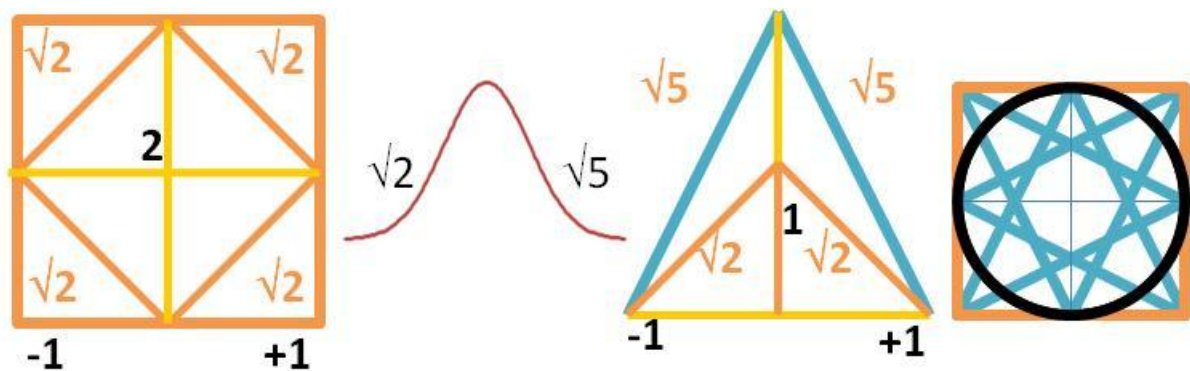


At the smaller integers you tend to end up with the above triangle of base 2, height 2 and hence Root 5 - the Golden number. Two right angle triangles of 1,2 Root 5. Hence I have found the "Cononical" Cone section for the parabola which contains all integers. i.e. Using the above spreadsheet I could generate an infinite set of numbers which would contain all the integers on the radius of the circles touching a cone of some kind. This is interesting to me.

But using a height of 10 (the first 10 integer values) and a base of 10 (the Archimedes Cone) only two integer points touch the Cone at 2 and 8 (counting from top to bottom)



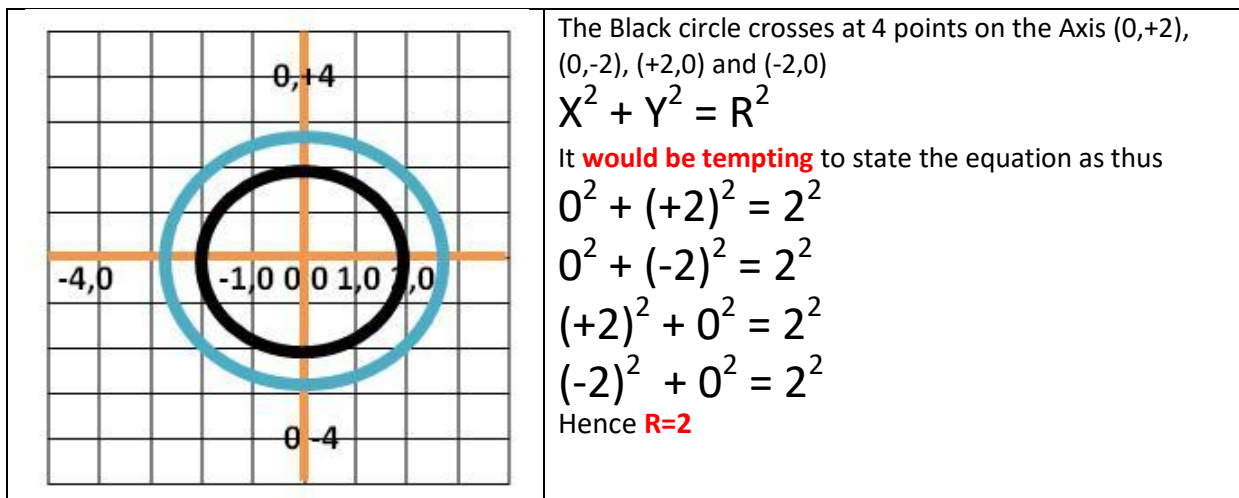
Does this mean the area is always approximating 1/2 of the rectangle? And that the next dimension (volume) is approximating 1/3 of the cylinder? I don't know. I think what we see with the extremes and boundaries of a continuum is things tending between Root 2 (smallest first steps in the 4 boxes model) and Root 5 (2<sup>nd</sup> level steps in the **Archimedes Triangle and all the conical sections**).



This all seems strange to me and I do not know if I understand what it means. How can a parabola fit and cone and hence the profile triangle this way? <https://www.cut-the-knot.org/Curriculum/Geometry/ArchimedesTriangle.shtml>  
<https://www.math.mcgill.ca/rags/JAC/NYB/exhaustion2.pdf>

**But many others struggle with this as well.**

It is very important to understand the Equation  $X^2 + Y^2 = R^2$  and that there is an important idea of solving both sides equally. I.e. You can assert a value for R **or** you can assert values for X and Y together. If you assert a ZERO value for either X or Y then the equation is a line in two dimensional space.



**ONLY** Those 4 points satisfy the equation but **they do not satisfy every point of the circle.**

i.e. you are either looking at the circle in 2 dimensions from the X axis only or looking at it from the Y axis only but you are not looking at it altogether in 2 dimensions - **considering all the values of X and Y.** i.e. A right angled triangle for X and a right angled triangle for Y

**The issue is to Think that R=2** WHICH is **completely understandable** because those 4 points satisfy the Pythagoras equation and hence why isn't the radius 2? So what happens is that Pythagoras tells you 2 doesn't equal 2 - (2,2) equals Root 2 multiplied 3 times in multiple dimensions as a kind of initial self reference recursion kind of thing. i.e. a right angled triangle.

Once we express the equation giving X and Y the same value of 2 = then we get:

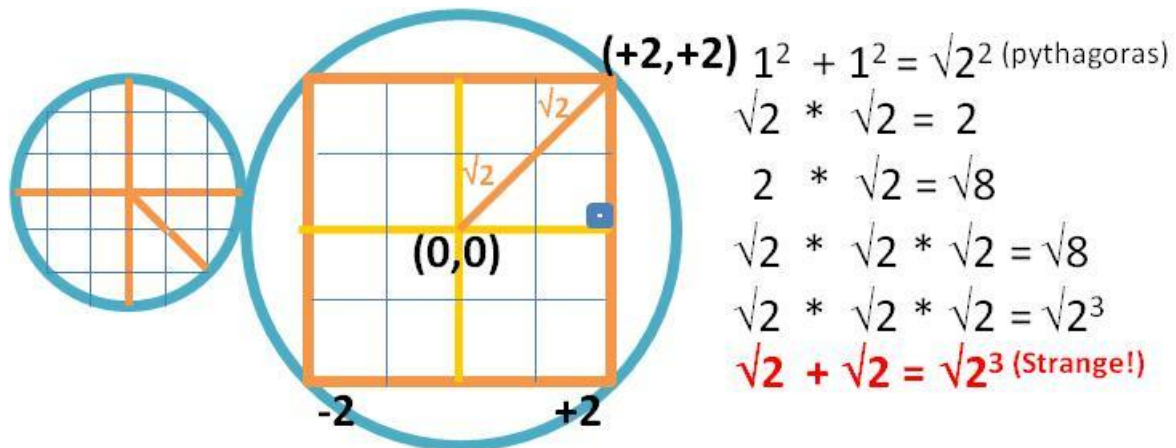
$$2^2 + 2^2 = R^2 \text{ which sets the value of the radius.}$$

$$(\sqrt{4})^2 + (\sqrt{4})^2 = R^2 \quad (\sqrt{4})^2 + (\sqrt{4})^2 = (\sqrt{8})^2$$

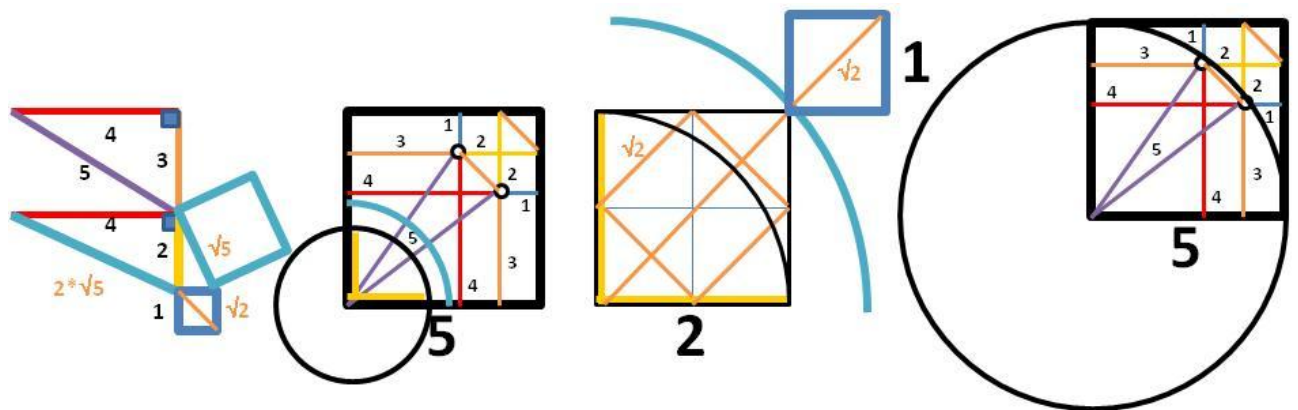
R is equal to the square root of 8 - which happens to be root2 times root 2 times root 2.

$$(\sqrt{2}) * (\sqrt{2}) * (\sqrt{2}) = (\sqrt{8})$$





You see the right angle triangle (Pythagoras) base 2 and height 2 above which asserts the radius of the circle from the center - in this example the square root of 8,  $\sqrt{8}$ . Hence the radius of all circles with **equal integer vales** for X and Y are multiples of Root 2. Notice how **each point** on the circle is a Pythagoras **asserted right angle triangle** and that the circle of radius 5 has a neat fit. (see below)



## Drawing a Circle is a Procedure - Not an Equation

As demonstrated in the previous chapter:

It is very important to understand the Equation  $X^2 + Y^2 = \text{Radius}^2$  and that there is an important idea of solving both sides equally. Ie. You can assert a value for R **or** you can assert values for X and Y together. If you assert a ZERO value for either X or Y then the equation is a line in two dimensional space.

$$X^2 + 0^2 = \text{Line}^2 \quad 0^2 + Y^2 = \text{Line}^2$$

1. Start with non zero values for the right hand side and calculate the values.

$$X^2 + Y^2 = 7^2$$

**OR**

2. Start with non zero values of the left hand side and calculate the values

$$2^2 + 2^2 = \text{Radius}^2$$

This has important implications for any equation which contains any terms which have the **power law** in them e.g.

$$X^3 + 1/3(Y)^2 + 5A^{1/6} + B^2 - (VC * 6) = D^5 + 67$$

If any of the Variables with Power Laws (and hence terms) become Zero then you cannot understand any solution for either side - you end up missing a dimension. Some more examples

$$A^2 + B^2 + 8 = 0, A^2 + B^2 = -8 \text{ **unsolvable** - because of the power law rules.}$$

$A^2 + B^2 - 8 = 0, A^2 + B^2 = 8$  has many solutions if both A and B are non-zero but only 2 (or 4) solutions if either term is zero

$$A^2 + B^2 = 8, A = +2, B = +2$$

$$A^2 + B^2 = 8, A = -2, B = -2, A = -2, B = +2, A = +2, B = -2$$

$$A^2 + B^2 = 8, A = (\sqrt{4}), B = (\sqrt{4})$$

$$A^2 + B^2 = 8, A = (\sqrt{2}), B = (\sqrt{6})$$

$$A^2 + B^2 = 8, A = (\sqrt{1}), B = (\sqrt{7})$$

$$A^2 + B^2 = 8, A = (\sqrt{3}), B = (\sqrt{5}), \text{ etc (A,B) all the points of a circle}$$

$$A^2 + B^2 = 8, A = (\sqrt{8}), B = 0, (-\sqrt{8}, 0) (+\sqrt{8}, 0)$$

$$A^2 + B^2 = 8, A = 0, B = (\sqrt{8}), (0, -\sqrt{8}) (0, +\sqrt{8})$$

## Recent Investigations

Early 1600s. John Milton, Leiden University.

## Recent People

**John Aubrey** - Lifespan[1626 to 1697] Born\_Loc(Easton Piers or Percy, near Kington St Michael, Wiltshire) Rank(80) Keyword(History, Biographer, Philosophy, Archeology, Antiquity, Folklore), Wikidata(Q356317) [https://en.wikipedia.org/wiki/John\\_Aubrey](https://en.wikipedia.org/wiki/John_Aubrey)  
<https://www.gutenberg.org/files/47787/47787-h/47787-h.htm>  
<https://www.gutenberg.org/ebooks/author/1419>

**Henry Neville** - Lifespan[1620 to 1694] Born\_Loc(Billingbear House at Waltham St Lawrence in Berkshire) Rank(80) Keyword(Utopia, Governance, Politics, Satire), Wikidata(Q1238565)  
[https://en.wikipedia.org/wiki/Henry\\_Neville\\_\(writer\)](https://en.wikipedia.org/wiki/Henry_Neville_(writer))  
[https://en.wikipedia.org/wiki/The\\_Isle\\_of\\_Pines](https://en.wikipedia.org/wiki/The_Isle_of_Pines) <https://gutenberg.org/ebooks/21410>

**Henry Vane the Younger/Henry Vane** - Lifespan[1613 to 1662] Born\_Loc(Debden, Essex, England) Rank(30) Keyword(Politics, Reform, Freedom of Religion, Separation of Church and State, Parliamentarian, Victim), Wikidata(Q1424943)

[https://en.wikipedia.org/wiki/Henry\\_Vane\\_the\\_Younger](https://en.wikipedia.org/wiki/Henry_Vane_the_Younger)

<https://www.britannica.com/biography/Henry-Vane-the-Younger>

<https://archive.org/details/lifeofsirhenryva00willuoft>

## Recent Books

**Pseudodoxia Epidemica, Browne's Vulgar Errors** - Document[1646] Rank(10) Author(**Thomas Browne**) Age(41) Keyword(Group Development Myths, Truth, Science, Thinking, Errors, Belief)

[https://en.wikipedia.org/wiki/Pseudodoxia\\_Epidemica](https://en.wikipedia.org/wiki/Pseudodoxia_Epidemica)

<http://penelope.uchicago.edu/pseudodoxia/pseudodoxia.shtml>

<https://www.gutenberg.org/files/39960/39960-h/39960-h.htm>

... Lastly, *Man was not only deceivable in his Integrity, but the Angels of light in all their Clarity. He that said, He would be like the highest did Erre, if in some way he conceived himself so already: but in attempting so high an effect from himself, he misunderstood the nature of God, and held a false apprehension of his own; whereby vainly attempting not only insolencies, but impossibilities, he deceived himself as low as Hell. In brief, there is nothing infallible but GOD, who cannot possibly Erre. For things are really true as they correspond unto His conception; and have so much verity as they hold of conformity unto that Intellect, in whose Idea they had their first determinations. And therefore being the Rule, he cannot be Irregular; nor, being Truth it self, conceavably admit the impossible society of Error.*

CHAP. III.

*Of the second cause of Popular Errors; the erroneous disposition of the People.*

*HAVING thus declared the fallible nature of Man even from his first production, we have beheld the general cause of Error. But as for popular Errors, they are more neerly founded upon an erroneous inclination of the people; as being the most deceptable part of Mankind and ready with open armes to receive the encroachments of Error. Which condition of theirs although deducible from many Grounds, yet shall we evidence it but from a few, and such as most neerly and undeniably declare their natures.*

*How unequal discerners of truth they are, and openly exposed unto Error, will first appear from their unqualified intellectuals, unable to umpire the difficulty of its dissensions. For Error, to speak largely, is a false judgment of things, or an essent unto falsity. Now whether the object whereunto they deliver up their assent be true or false, they are incompetent judges.*

**The six voyages of John Baptista Tavernier** - Document[1677] Rank(40) Author(**Jean-Baptiste Tavernier**) Age(72) Keyword(Group Development Travel, Trade, Customs, Geography, Culture)

<https://quod.lib.umich.edu/e/eebo/A63439.0001.001/1:18.1.5?rqn=div3;view=toc>

<https://archive.org/details/sixvoyagesJohnB00Tave/page/n13/mode/2up>

<https://www.biodiversitylibrary.org/item/123215#page/7/mode/1up>

**Defensio Secunda** - Document[1654] Rank(30) Author(**John Milton**) Age(46) Keyword(Group Development Politics, Tyranny, Democracy, Law, Government, Execution)

[https://en.wikipedia.org/wiki/Defensio\\_Secunda](https://en.wikipedia.org/wiki/Defensio_Secunda)

<https://quod.lib.umich.edu/e/eebo/A50893.0001.001/1:3?rgn=div1;view=fulltext>

<http://michaelbryson.net/miltonweb/defense1.html>

[https://en.wikipedia.org/wiki/Claudius\\_Salmasius](https://en.wikipedia.org/wiki/Claudius_Salmasius)

*“Let me therefore enter upon this Noble Cause with a chearfulness, grounded upon this Assurance, That my Adversary's Cause is maintain'd by nothing but Fraud, Fallacy, Ignorance and Barbarity; whereas mine has Light, Truth, Reason, the Practice and the Learning of the best Ages of the World, of its side.”*

## References

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1. **Wikipedia** [https://en.wikipedia.org/wiki/Main\\_Page](https://en.wikipedia.org/wiki/Main_Page) Larry Sanger and Jimmy Wales [https://en.wikipedia.org/wiki/Founder\\_of\\_Wikipedia](https://en.wikipedia.org/wiki/Founder_of_Wikipedia) **Creative Commons Attribution-ShareAlike 3.0**
2. **Many Universities, government, museum, library and public websites**
3. **Internet Archive** - Internet Archive Founder, Brewster Kahle - <https://archive.org/>
4. **Project Gutenberg** - Michael Hart, founder of Project Gutenberg, invented eBooks in 1971 and his memory continues to inspire the creation of eBooks and related content today. <https://www.gutenberg.org/> **public domain**
5. **Michael Stern Hart** (March 8, 1947 – September 6, 2011)



[https://en.wikipedia.org/wiki/Michael\\_S.\\_Hart](https://en.wikipedia.org/wiki/Michael_S._Hart) by Marcello GDFL 1.2

6. <https://pantheon.world/> people wiki data extract
7. <https://www.nature.com/articles/s41597-022-01369-4> A cross-verified database of notable people, 3500BC-2018AD
8. [https://en.wikipedia.org/wiki/Ammonius\\_Saccas](https://en.wikipedia.org/wiki/Ammonius_Saccas)
9. <https://en.wikipedia.org/wiki/Plotinus>
10. [https://en.wikipedia.org/wiki/Process\\_philosophy](https://en.wikipedia.org/wiki/Process_philosophy)
11. [https://en.wikipedia.org/wiki/Melchis%C3%A9dech\\_Th%C3%A9venot](https://en.wikipedia.org/wiki/Melchis%C3%A9dech_Th%C3%A9venot)
12. [https://en.wikipedia.org/wiki/Niccolao\\_Manucci](https://en.wikipedia.org/wiki/Niccolao_Manucci)  
<https://archive.org/details/pepysofmongulind00manurich/page/n7/mode/2up>  
[https://www.rarebooksocietyofindia.org/book\\_archive/196174216674\\_10150599749516675.pdf](https://www.rarebooksocietyofindia.org/book_archive/196174216674_10150599749516675.pdf) **NICCOLAO MANUCCI**, the hero of our narrative, ran away from Venice in 1653, being then fourteen. He hid on board a vessel bound for Smyrna, and was fortunate enough to find a protector in a certain Viscount Bellomont, an English nobleman, then on his way to Persia and India. He followed Bellomont through Asia Minor to Persia, and from Persia to India, meeting with many adventures by sea and land. The sudden death of his master near Hodal, in 1656, left Manucci friendless in a strange land. He seems to have been a youth of considerable resource, however, and fortune favoured him, for he soon found employment as an artilleryman in the service of Prince Dara Shukoh, eldest son of the Emperor Shahjahan.

Till Dara's death, in 1659, Manucci followed his varying fortunes in peace and war, and, refusing to transfer his services to Aurangzeb, he gradually adopted the profession of medicine .... For if a hand is raised by chance against a Turk, such person is forthwith either forced to become a Mahomedan, or he is decapitated. The greatest favour accorded to him would be to let him go free after cutting off his hand.



13. [https://en.wikipedia.org/wiki/IJsbrand\\_van\\_Diemerbroeck](https://en.wikipedia.org/wiki/IJsbrand_van_Diemerbroeck)  
**CC BY-SA 4.0**view terms File:Personen- Dr. IJsbrand van Diemerbroeck (Pestdokter) GN15594.jpeg Uploaded: 15 January 2018 **IJsbrand van Diemerbroeck** as plague doctor
14. [https://en.wikipedia.org/wiki/Oedipus\\_Aegyptiacus](https://en.wikipedia.org/wiki/Oedipus_Aegyptiacus)
15. <https://mathshistory.st-andrews.ac.uk/Biographies/Beaugrand/>
16. <https://gutenberg.net.au/ebooks06/0600571h.html> Title: **Abel Janszoon Tasman's Journal** Author: J E Heeres (Editor) \* A Project Gutenberg of Australia eBook \* eBook No.: 0600571h.html Edition: 1 Language: English Character set encoding: HTML--Latin-1(ISO-8859-1)--8 bit Date first posted: April 2006 Date most recently updated: April 2006 This eBook was produced by: Colin Choat and Bob Forsyth
17. [https://en.wikipedia.org/wiki/Order\\_of\\_operations](https://en.wikipedia.org/wiki/Order_of_operations) **Unary minus sign** There are differing conventions concerning the unary operation '-' (usually pronounced "minus"). In written or printed mathematics, the expression  $-32$  is interpreted to mean  $-(32) = -9$ .<sup>[2][8]</sup> In some applications and programming languages, notably Microsoft Excel, PlanMaker (and other spreadsheet applications) and the programming language bc, unary operations have a higher priority than binary operations, that is, the unary minus has higher precedence than exponentiation, so in those languages  $-32$  will be interpreted as  $(-3)^2 = 9$ .<sup>[9]</sup> This does not apply to the binary minus operation '-'; for example in Microsoft Excel while the formulas  $=-2^2$ ,  $=(2)^2$  and  $=0+-2^2$  return 4, the formulas  $=0-2^2$  and  $=(2^2)$  return -4.
18. [https://en.wikipedia.org/wiki/Cross\\_product](https://en.wikipedia.org/wiki/Cross_product)  
[https://en.wikipedia.org/wiki/Lagrange%27s\\_identity](https://en.wikipedia.org/wiki/Lagrange%27s_identity)
19. [https://en.wikipedia.org/wiki/William\\_Rowan\\_Hamilton](https://en.wikipedia.org/wiki/William_Rowan_Hamilton)  
[https://en.wikipedia.org/wiki/Dot\\_product](https://en.wikipedia.org/wiki/Dot_product)
20. <https://en.wikipedia.org/wiki/Philo> **Philo** bases his doctrines on the Hebrew Bible, which he considers the source and standard not only of religious truth but of all truth.[c] Its pronouncements are the ἱερός λόγος, θεῖος λόγος, and ὁρθός λόγος (holy word, godly word, righteous word),<sup>[25]</sup> uttered sometimes directly and sometimes through the mouth of a prophet, and especially through Moses, whom Philo considers the real medium of revelation.



Although he distinguishes between the words uttered by God himself, such as the Ten Commandments, and the edicts of Moses, as the special laws.[26] Philo regards the Bible as the source not only of religious revelation but also of philosophic truth.

21. *The six voyages of John Baptista Tavernier by Tavernier, Jean-Baptiste, 1605-1689; Phillips, John, 1631-1706, tr; Astracan, pseud*  
<https://archive.org/details/sixvoyagesJohnB00Tave/page/n13/mode/2up>
22. [https://en.wikipedia.org/wiki/Late\\_Ottoman\\_genocides](https://en.wikipedia.org/wiki/Late_Ottoman_genocides) The **late Ottoman genocides** is a controversial historiographical theory which sees the concurrent Armenian, Greek, and Assyrian genocides[1][2][3] that occurred during the 1910s–1920s as parts of a single event rather than separate events, which were initiated by the Young Turks
23. [https://en.wikipedia.org/wiki/Young\\_Turks](https://en.wikipedia.org/wiki/Young_Turks) By the 1890s, the **Young Turks** were mainly a loose and contentious network of intelligentsia exiled in Western Europe and Egypt that made a living by selling their newspapers to secret subscribers. Included in **the opposition movement was a mosaic of ideologies**, from democrats, liberals, decentralists, secularists, social Darwinists, technocrats, constitutional monarchists, and nationalists, to name a few. Despite being called the Young Turks, the group was of an ethnically diverse background; in addition to Turks, Albanian, Aromenian, Arab, Armenian, Azeri, Circassian, Greek, Kurdish, and Jewish members were plentiful
24. [https://en.wikipedia.org/wiki/Hamidian\\_massacres](https://en.wikipedia.org/wiki/Hamidian_massacres) The **Hamidian massacres**[2] also called the Armenian massacres, were massacres of Armenians in the Ottoman Empire in the mid-1890s. Estimated casualties ranged from 100,000[3] to 300,000,[4] resulting in 50,000 orphaned children.[5] The massacres are named after Sultan Abdul Hamid II, who, in his efforts to maintain the imperial domain of the declining Ottoman Empire, reasserted pan-Islamism as a state ideology.[6] Although the massacres were aimed mainly at the Armenians, in some cases they turned into indiscriminate anti-Christian pogroms, including the Diyarbekir massacres, where, at least according to one contemporary source, up to 25,000 Assyrians were also killed
25. [https://en.wikipedia.org/wiki/Muhammad\\_Ali\\_of\\_Egypt](https://en.wikipedia.org/wiki/Muhammad_Ali_of_Egypt)
26. [https://en.wikipedia.org/wiki/Mustafa\\_Kemal\\_Ataturk](https://en.wikipedia.org/wiki/Mustafa_Kemal_Ataturk)
27. [https://en.wikipedia.org/wiki/John\\_Chrysostom](https://en.wikipedia.org/wiki/John_Chrysostom)
28. <https://quod.lib.umich.edu/e/eebo/A63439.0001.001/1:9.3?rgn=div2;view=fulltext>  
**(Armenia)** The Patriarch has under him forty seven Archbishops, and every Archbishop has under him four or five Suffragans, with whom he lives in a Convent, where there are several Monks under their Jurisdiction. So soon as they have said their Mass, which is generally done an Hour after Day, they all go to work, and to dig and delve for their living. The Revenue of the Patriarch is 600000 Crowns or thereabouts: for all the Armenian Christians that are above fifteen Years of age, ought to pay him yearly five Sous. However there are many that do not pay him, by reason of their poverty. Yet their defect is suppli'd by the rich, who sometimes pay him two or three Crowns a Head. But this Money does not stay in the Patriarch's Pocket: nay he is sometimes behind-hand; for he is engag'd to relieve the poor Armenians, who have not wherewithal to pay the Carage, which is an Annual Tribute that they owe to the Mahometan Princes, to whom they are subject: Otherwise necessity would force them to become Mahometans; and they, their Wives and Children would be liable to be sold, which the Grand Patriarch labours all he can to prevent. Every Archbishop sends him out of his Diocess what is necessary to be rais'd for that intent. So that the Patriarch does but



only receive it with one Hand, and pay it with the other; making no Profit to himself of a Revenue which he has out of 400000 Villages, which the Archbishop of St. Stephen's affirm'd to me to be under his Jurisdiction. As I return'd from Persia in the Year 1655, I came to the Three Churches about the end of February; the Caravan stay'd there eleven Days, as well by reason of the great Snows that stop'd up the Ways, as for that the Armenians resolv'd to keep their Carnival there, and after that to perform their Devotions. The next day I went to visit the Patriarch, who was sitting cross-leg'd upon a Mat. There were four Arch/bishops, and nine Bishops sitting about him in the same posture, among whom there was one that spake very good Italian. I stay'd with him three Hours; and while we were discoursing together, in came one of the Monks of the Convent, who had not spoken to any person whatsoever in Two and twenty Years, by reason of a Penance that was impos'd upon him. Never did Man appear so meager and deformed; but the Patriarch sent for him, and by his Authority commanded him to break Silence, which he did, by speaking at the same Instant.....

29. <https://www.mediastorehouse.com.au/heritage-images/release-father-ephraim-nevers-prisons-14848076.html>
30. [https://www.oldmapsonline.org/en/Puducherry\\_\(union\\_territory\)?qid=355e9716-58d9-5f82-a464-d1217591128f#position=5.5256/12.33/74.34&year=1721](https://www.oldmapsonline.org/en/Puducherry_(union_territory)?qid=355e9716-58d9-5f82-a464-d1217591128f#position=5.5256/12.33/74.34&year=1721)
31. [https://www.oldmapsonline.org/en/Andhra\\_Pradesh?qid=70a3f800-e51d-55c8-83ae-c33447f519fc#position=6.5775/16.411/80.22&year=1742](https://www.oldmapsonline.org/en/Andhra_Pradesh?qid=70a3f800-e51d-55c8-83ae-c33447f519fc#position=6.5775/16.411/80.22&year=1742)
32. <https://warwickmarsh.com/2024/03/04/barry-williams-australias-historic-lone-voice-for-men-children-and-families/>
33. <https://dads4kids.org.au/wp-content/uploads/2021/05/FathersinFamiliesLR.pdf>
34. <https://www.dailymail.co.uk/news/article-13602047/Another-flub-Biden-81-appears-mix-gender-race-interview-black-radio-station.html>
35. [https://en.wikipedia.org/wiki/Shah\\_Jahan](https://en.wikipedia.org/wiki/Shah_Jahan)  
<https://quod.lib.umich.edu/e/eebo/A63439.0001.001/1:18.2.2?rqn=div3;view=fulltext>  
 During the false report of the death of Cha-jehan, his three other Sons immediately rebell'd, every one laying claim to their Fathers Crown. Morat-Bakche the youngest, who had the Government of Guzerat, sent away Forces immediately to besiege Surat, the most considerable Port, and most frequented of any other all over India. The City made no resistance, for the Walls are very weak, and broken down in several places. But they defended the Citta/del, where the Treasure was, very stoutly; though the young Ambitious Prince did all he could to make himself Master of it. Chabas-Kan, one of his Eunuchs, who was General of his Army, an industrious and active person, and who carri'd on the Siege with all the experience of an old Captain; when he saw he could not carry the Castle by main force, caus'd it to be undermin'd in two places, by the assistance of an European Engineer, which took effect; so that upon the twenty-ninth of December, 1659, he threw down a good part of the Walls, and fill'd up the Moat; which very much terrifi'd the besieg'd. But they presently recover'd their courage, and though they were but a small number, they defended themselves for above forty days, to the great damage and slaughter of Morat-Bakche's Army.
36. [https://en.wikipedia.org/wiki/Dara\\_Shikoh](https://en.wikipedia.org/wiki/Dara_Shikoh)
37. Pluralism <https://en.wikipedia.org/wiki/Pluralism> <https://en.wikipedia.org/wiki/Anaxagoras>

38. <https://en.wikipedia.org/wiki/Isma%27ilism> Isma'ilism rose at one point to become the largest branch of Shia Islam, climaxing as a political power with the Fatimid Caliphate in the 10th through 12th centuries. Ismailis believe in the oneness of God, as well as the closing of divine revelation with Muhammad, whom they see as "**the final Prophet and Messenger of God to all humanity**". The Isma'ili and the Twelvers both accept the same six initial Imams; the Isma'ili accept Isma'il ibn Jafar as the seventh Imam. Isma'ili thought is heavily influenced by Neoplatonism
39. Indian Diamond Mines [https://cahc.jainuniversity.ac.in/assets/ijhs/Vol29\\_3\\_4\\_AKBiswas.pdf](https://cahc.jainuniversity.ac.in/assets/ijhs/Vol29_3_4_AKBiswas.pdf)  
[https://www.researchgate.net/publication/335291555\\_Restoring\\_the\\_past\\_glory\\_of\\_diamond\\_mining\\_in\\_south\\_India-](https://www.researchgate.net/publication/335291555_Restoring_the_past_glory_of_diamond_mining_in_south_India-)  
[A plausible case of diamondiferous Wajrakarur kimberlite pipe clusters with geochemical evidences](https://www.researchgate.net/publication/363022796_Forts_in_Kurnool_Regional_of_Andhra_radesa_With_Particular_Reference_to_Vijayanaqar_Empire_History_in_Southern_Asia) <https://oldhistoricity.lbp.world/Administrator/UploadedArticle/379.pdf>  
<https://royalsocietypublishing.org/doi/10.1098/rstl.1677.0028> A description of the Diamond mines, as it was presented by the Right Honourable, the Earl Marshal of England, to the R. Society **Henry Howard** Published:25 June 1677<https://doi.org/10.1098/rstl.1677.0028>  
<https://www.jstor.org/stable/101783>  
[https://www.researchgate.net/publication/363022796\\_Forts\\_in\\_Kurnool\\_Regional\\_of\\_Andhra\\_radesa\\_With\\_Particular\\_Reference\\_to\\_Vijayanaqar\\_Empire\\_History\\_in\\_Southern\\_Asia](https://www.researchgate.net/publication/363022796_Forts_in_Kurnool_Regional_of_Andhra_radesa_With_Particular_Reference_to_Vijayanaqar_Empire_History_in_Southern_Asia)
40. A Description of the Coasts of East Africa and Malabar in the Beginning of the Sixteenth Century Barbosa, Duarte, 1480?-1521  
<https://www.gutenberg.org/cache/epub/38253/pg38253-images.html>  
<https://archive.org/details/dli.ministry.00951>
41. The travels of Ludovico di Varthema in Egypt, Syria, Arabia Deserta and Arabia Felix, in Persia, India, and Ethiopia, A.D. 1503 to 1508  
<https://archive.org/details/travelsofludovic00vartrich>  
[https://rarebooksocietyofindia.org/book\\_archive/196174216674\\_10151279442086675.pdf](https://rarebooksocietyofindia.org/book_archive/196174216674_10151279442086675.pdf)
42. [https://en.wikipedia.org/wiki/Garcia\\_de\\_Orta](https://en.wikipedia.org/wiki/Garcia_de_Orta) Garcia de Orta (or Garcia d'Orta; 1501–1568) was a Portuguese physician, herbalist, and naturalist, who worked primarily in Goa and Bombay in Portuguese India. A pioneer of tropical medicine, pharmacognosy, and ethnobotany, Garcia used an experimental approach to the identification and the use of herbal medicines, rather than the older approach of received knowledge.  
[https://en.wikipedia.org/wiki/Colloquies\\_on\\_the\\_Simples\\_and\\_Drugs\\_of\\_India](https://en.wikipedia.org/wiki/Colloquies_on_the_Simples_and_Drugs_of_India)  
<https://ia601307.us.archive.org/5/items/colloquiesonsimp00orta/colloquiesonsimp00orta.pdf>
43. <https://archive.org/details/cathaywaythither03yule/page/146/mode/2up> Cathay and the way thither: being a collection of medieval notices of China
44. <https://www.smh.com.au/politics/federal/will-fatima-payman-become-the-pauline-hanson-of-the-left-that-s-up-to-her-20240705-p5jrhd.html>
45. [https://en.wikipedia.org/wiki/Paeonia\\_\(kingdom\)](https://en.wikipedia.org/wiki/Paeonia_(kingdom))
46. [https://en.wikipedia.org/wiki/Aegean\\_civilization](https://en.wikipedia.org/wiki/Aegean_civilization)
47. [https://en.wikipedia.org/wiki/Linear\\_B](https://en.wikipedia.org/wiki/Linear_B) **Linear B** also uses a large number of ideograms. They express: the **type of object** concerned (e.g. a cow, wool, a spear), a **unit of measure**.
48. [https://en.wikipedia.org/wiki/Constantijn\\_Huygens](https://en.wikipedia.org/wiki/Constantijn_Huygens)
49. <https://gentlepower.co.uk/2016/03/to-thrive-you-must-respect-overstimulation/>
50. <https://www.harleytherapy.co.uk/counselling/causes-eating-disorders.htm>

51. <https://www.psychiatry.org/patients-families/eating-disorders/what-are-eating-disorders>
52. [https://psychologicalsciences.unimelb.edu.au/data/assets/pdf\\_file/0016/3522013/OConnell-2017.pdf](https://psychologicalsciences.unimelb.edu.au/data/assets/pdf_file/0016/3522013/OConnell-2017.pdf)
53. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8729308/> *The belief of a patient with anorexia that they are overweight is held with an **extraordinary degree of conviction**, and it **does not yield when faced with evidence to the contrary**. Although the belief is preoccupying, and the patient acts on it unquestioningly, leading to sustained patterns of abnormal eating behavior, it is never considered to be delusional [9,10]. In cases where the cognitive-affective drivers eliciting abnormal eating behaviors strongly influence diagnostic accuracy and treatment planning, it is important to be extremely thorough in differentiating between the phenomenology of **delusions**, **obsessions**, and **overvalued ideas**.*
54. [https://www.researchgate.net/publication/345687956\\_Extreme\\_Overvalued\\_Beliefs\\_How\\_Violent\\_Extremist\\_Beliefs\\_Become\\_Normalized](https://www.researchgate.net/publication/345687956_Extreme_Overvalued_Beliefs_How_Violent_Extremist_Beliefs_Become_Normalized) *Extreme Overvalued Beliefs*
55. <https://www.ncbi.nlm.nih.gov/books/NBK493156/>
56. <https://www.apa.org/ptsd-guideline/patients-and-families/cognitive-behavioral>
57. [https://en.wikipedia.org/wiki/Cortical\\_homunculus](https://en.wikipedia.org/wiki/Cortical_homunculus)
58. <https://jaapl.org/content/early/2020/05/14/JAAPL.200001-20>
59. <https://www.goodtherapy.org/blog/psychpedia/overvalued-idea>
60. <https://thegreatestbooks.org/global-canon>
61. <https://www.sciencedirect.com/science/article/pii/S0278262619303860> *Belief formation – A driving force for brain evolution Author links open overlay panel Rüdiger J. Seitz a b , Hans-Ferdinand Angel c*
62. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2802367/>
63. [https://en.wikipedia.org/wiki/Licensing\\_Order\\_of\\_1643](https://en.wikipedia.org/wiki/Licensing_Order_of_1643)
64. [https://en.wikipedia.org/wiki/William\\_III\\_of\\_England](https://en.wikipedia.org/wiki/William_III_of_England)
65. [https://en.wikipedia.org/wiki/Roger\\_Williams](https://en.wikipedia.org/wiki/Roger_Williams)
66. [https://en.wikipedia.org/wiki/The\\_Bloody\\_Tenent\\_of\\_Persecution\\_for\\_Cause\\_of\\_Conscience](https://en.wikipedia.org/wiki/The_Bloody_Tenent_of_Persecution_for_Cause_of_Conscience) *The Bloody Tenent of Persecution, for Cause of Conscience, Discussed in a Conference between Truth and Peace is a 1644 book about government force written by **Roger Williams**, the founder of Providence Plantations in New England and the co-founder of the First Baptist Church in America. Tenent is an obsolete variant of tenet, and the book argues for a "**wall of separation**" between church and state and for state toleration of various Christian denominations, including Catholicism, and also "paganish, Jewish, Turkish or anti-Christian consciences and worships." [1] The book takes the form of a dialogue between Truth and Peace and is a response to correspondence by Boston minister John Cotton regarding Cotton's support for state enforcement of religious uniformity in Massachusetts Bay Colony. Williams argues that Christianity requires the existence of a separate civil authority which may not generally infringe upon liberty of conscience, which Williams interpreted to be a God-given right.*
67. [https://en.wikipedia.org/wiki/Antinomian\\_Controversy](https://en.wikipedia.org/wiki/Antinomian_Controversy)
68. *Life of John Milton* by Richard Garnett 1890  
[https://upload.wikimedia.org/wikipedia/commons/b/b2/Life\\_of\\_John\\_Milton\\_%28IA\\_cu31924013192178%29.pdf](https://upload.wikimedia.org/wikipedia/commons/b/b2/Life_of_John_Milton_%28IA_cu31924013192178%29.pdf) <https://www.gutenberg.org/files/16757/16757-h/16757-h.htm>  
<https://archive.org/details/lifeofjohnmilton0000rich/page/n5/mode/2up>  
<https://archive.org/details/lifeofjohnmilton00qarnuoft/page/n7/mode/2up>

69. *Life of John Milton* by David Masson <https://www.gutenberg.org/ebooks/author/2064>  
<https://archive.org/details/in.ernet.dli.2015.32410/page/n9/mode/2up> (volume1)
70. *John Milton* by Mark Pattison <https://www.fulltextarchive.com/book/Milton/>
71. Books by *John Milton* <https://www.gutenberg.org/ebooks/author/17>
72. Open Syllabus *John Milton*  
<https://analytics.opensyllabus.org/singleton/authors?id=John%20Milton>
73. Think Python <https://greenteapress.com/thinkpython2/thinkpython2.pdf>
74. *John Milton* <https://www.poetryfoundation.org/poets/john-milton>
75. *John Milton: The Self and the World* **John T. Shawcross** University of Kentucky  
[https://web.archive.org/web/20200506223411id\\_/https://uknowledge.uky.edu/cgi/viewcontent.cgi?article=1071&context=upk\\_english\\_language\\_and\\_literature\\_british\\_isles](https://web.archive.org/web/20200506223411id_/https://uknowledge.uky.edu/cgi/viewcontent.cgi?article=1071&context=upk_english_language_and_literature_british_isles) **quote of a quote** "In the latter part of his life, **John Toland** tells us, Milton 'was not a professed member of any particular sect among Christians, he frequented none of their assemblies, nor made use of their peculiar rites in his family.' He had developed his own Christian Doctrine, which he hoped some day to publish to the world, and in it he had expressed his conviction that neither a pious man nor a profane should be forced into any given church or be compelled to attend public worship. Since the individual believer enjoys divine guidance, the illumination of the Holy Spirit, he possesses the right to interpret the Scriptures for himself, and civil power should not force religious conformity upon him. These had come to be Milton's profound beliefs, and he lived them. [579]
76. **John Toland on John Milton**  
<https://archive.org/details/lifejohnmiltonc00tolagoog/page/n6/mode/2up?ref=ol&view=theater>
77. <https://www.theguardian.com/books/booksblog/2015/oct/23/john-milton-berkyn-manor-paradise-abandoned-photographs-former-home>
78. <https://archive.org/details/in.ernet.dli.2015.32410/page/n87/mode/2up>
79. <https://www.gutenberg.org/files/16757/16757-h/16757-h.htm>
80. [https://en.wikipedia.org/wiki/John\\_Milton%27s\\_relationships](https://en.wikipedia.org/wiki/John_Milton%27s_relationships)
81. <https://www.gutenberg.org/cache/epub/6483/pg6483-images.html>
82. Milton's **Comus** by John Milton <https://www.gutenberg.org/ebooks/19819>
83. [https://en.wikipedia.org/wiki/Mermaid\\_Tavern](https://en.wikipedia.org/wiki/Mermaid_Tavern)
84. [https://en.wikipedia.org/wiki/John\\_Aubrey](https://en.wikipedia.org/wiki/John_Aubrey) [https://en.wikipedia.org/wiki/Brief\\_Lives](https://en.wikipedia.org/wiki/Brief_Lives)  
<https://www.gutenberg.org/files/47787/47787-h/47787-h.htm>
85. [https://en.wikipedia.org/wiki/Rota\\_Club](https://en.wikipedia.org/wiki/Rota_Club)
86. [https://en.wikipedia.org/wiki/The\\_Commonwealth\\_of\\_Oceana](https://en.wikipedia.org/wiki/The_Commonwealth_of_Oceana)
87. [https://en.wikipedia.org/wiki/William\\_Strachey](https://en.wikipedia.org/wiki/William_Strachey)
88. [https://en.wikipedia.org/wiki/Habeas\\_Corpus\\_Act\\_1679](https://en.wikipedia.org/wiki/Habeas_Corpus_Act_1679)
89. [https://en.wikipedia.org/wiki/Mare\\_clausum](https://en.wikipedia.org/wiki/Mare_clausum)
90. [https://en.wikipedia.org/wiki/Thomas\\_Coryat](https://en.wikipedia.org/wiki/Thomas_Coryat)  
[https://en.wikipedia.org/wiki/Coryat%27s\\_Crudities](https://en.wikipedia.org/wiki/Coryat%27s_Crudities)  
<https://archive.org/details/coryatcrudities01coryuoft> Yea I was plunged in an **Ocean of doubts**, whether it were best that my Observations gathered in forraine countries should be continually confined within the bounds of my poore studie, and so at length squalere situ, & cum tineis ac blattis rixari ; or be presented to the view of my country, being (I confesse) by so much the more doubtfull to evulge the same, by how much the more I am no schollar, but

only a **superficial smatterer in learning**, and therefore most **unwilling to incur the censure** of such severe Aristarches as are wont to use and with their censorious rods do use to chastise the lucubrations of most kinde of writers.

91. [https://en.wikipedia.org/wiki/The\\_Old\\_Wives%27\\_Tale\\_\(play\)](https://en.wikipedia.org/wiki/The_Old_Wives%27_Tale_(play))  
[https://en.wikipedia.org/wiki/George\\_Peele](https://en.wikipedia.org/wiki/George_Peele)
92. [https://en.wikipedia.org/wiki/Defensio\\_Secunda](https://en.wikipedia.org/wiki/Defensio_Secunda)
93. <https://en.wikipedia.org/wiki/Apollo>
94. John Milton <https://poets.org/poem/lycidas> **Fame is the spur that the clear spirit doth raise** (That last infirmity of noble mind) To scorn delights and live laborious days; But, the fair guerdon when we hope to find, And think to burst out into sudden blaze, Comes the blind Fury with the abhorred shears, And slits the thin-spun life. "But not the praise," Phoebus replied, and touched my trembling ears: "Fame is no plant that grows on mortal soil, Nor in the glistening foil Set off to the world, nor in broad rumour lies, But lives and spreads aloft by those pure eyes And perfect witness of all-judging Jove; As he pronounces lastly on each deed, Of so much fame in heaven expect thy meed."
95. <https://www.hrp.org.uk/banqueting-house/history-and-stories/the-execution-of-charles-i/>
96. [https://en.wikipedia.org/wiki/Henry\\_Vane\\_the\\_Younger](https://en.wikipedia.org/wiki/Henry_Vane_the_Younger) Vane then enrolled at [Magdalen Hall, Oxford](#), where he studied in spite of his refusal to take the necessary matriculation oaths. He then travelled to Europe, where he was reported to be **studying at Leiden** and possibly in France and at [Geneva](#) Vane's stance can be seen in the way the first Rhode Island patent was drafted in 1643, when he sat on the Parliamentary committee charged with colonial affairs.<sup>[47]</sup> Unique among all of the early English colonial charters, **it contains provisions guaranteeing freedom of religion.**<sup>[48]</sup> (Vane assisted Roger Williams again in 1652, when the latter sought a confirmation of the Rhode Island charter and the revocation of a conflicting charter that had been issued to [William Coddington](#).)  
[https://en.wikipedia.org/wiki/Root\\_and\\_Branch\\_petition](https://en.wikipedia.org/wiki/Root_and_Branch_petition)  
[https://en.wikipedia.org/wiki/Clergy\\_Act\\_1640](https://en.wikipedia.org/wiki/Clergy_Act_1640)  
<https://www.gutenberg.org/cache/epub/40590/pg40590-images.html> With the single exception of Cromwell, the greatest statesman of the heroic age of Puritanism was unquestionably the younger **Henry Vane**. He did as much as any one to compass the downfall of Strafford; he brought the military strength of Scotland to the aid of the hard-pressed Parliament; he administered the navy with which Blake won his astonishing victories; he dared even withstand Cromwell at the height of his power, when his measures savoured too much of violence. After the death of Pym in 1643, Sir Henry Vane, then thirty-one years of age, was the foremost man in the Long Parliament, and so remained as long as that Parliament controlled the march of events. As Baxter said, "he was that within the House that Cromwell was without." Yet before the beginning of his brilliant career in England, this [Pg 155] young man had written his name indelibly upon one of the earliest pages in the history of the American people. It is pleasant to remember that this admirable man was once the chief magistrate of an American commonwealth. Thorough republican and enthusiastic lover of liberty, he was spiritually akin to Jefferson and to Samuel Adams. His career furnishes an excellent illustration of Mr. Doyle's remark, that "by looking at the colony of Massachusetts, we can see what sort of a commonwealth was constructed by the best men of the Puritan party, and to some extent what they would have made of the government of England if they could have had their way unchecked."



- <https://archive.org/details/lifeofsrhenryva00ireliala/page/viii/mode/2up>  
<https://archive.org/details/lifeofsrhenryva00willuoft/page/n11/mode/2up>
97. <https://quadrant.org.au/magazine/2024/07/lawyerly-caste-turns-left/>
98. Bob Doyle <https://philpeople.org/profiles/bob-doyle>
99. **John Milton - Defensio Secunda** [https://en.wikipedia.org/wiki/Defensio\\_Secunda](https://en.wikipedia.org/wiki/Defensio_Secunda) "I did not avoid the toils and dangers of military service without rendering to my fellow citizens another kind of service that was much more useful and no less perilous".[6] After defending why he writes, Milton explains his purpose in writing:[5] It is the renewed cultivation of freedom and civic life that I disseminate throughout cities, kingdoms, and nations. But not entirely unknown, nor perhaps unwelcome, shall I return if I am he who disposed of the contentious satellite of tyrants, hitherto deemed unconquerable, both in the view of most men and in his own opinion. When he with insults was attacking us and our battle array, and our leaders looked first of all to me, I met him in single combat and plunged into his reviling throat this pen, the weapon of his choice.[8] After Milton was accused of being a worse person than Cromwell, he wrote in the work[1] that it was "the highest praise you could bestow on me".[9] Later in the tract, Milton discusses his Areopagitica and argues that in the work, he warns against the idea of truth being determined by a limited few.[3] Milton also discusses his early divorce tracts, claiming that they were a discussion of religious freedom, domestic freedom, and civil freedom,[10] the "three varieties of liberty without which civilized life is scarcely possible" **A defence of the people of England by John Milton ; in answer to Salmasius's Defence of the king.** <https://quod.lib.umich.edu/cgi/t/text/text-idx?c=ebo;idno=A50893.0001.001> (University of Michigan)
100. [https://en.wikipedia.org/wiki/Claudius\\_Salmasius](https://en.wikipedia.org/wiki/Claudius_Salmasius)
101. <https://academic.oup.com/book/26185/chapter-abstract/194306383?redirectedFrom=fulltext> Claude Saumaise and the 'Hairy War' (1640–1650)
102. [https://en.wikipedia.org/wiki/The\\_Tenure\\_of\\_Kings\\_and\\_Magistrates](https://en.wikipedia.org/wiki/The_Tenure_of_Kings_and_Magistrates) The work is unique compared to other works during its time because Milton emphasises the deeds of individuals as the only way for there to be justice. The work also emphasises the freedom of the individual, and only through such freedom is an individual able to develop properly. Citing classical and biblical references, this emphasis refutes the divine right of kings, as well as Hobbes's idea of absolute power held by a monarch. Milton argues that no man is better than another, having all been created in God's image, free and equal, and that all have a right to dispose of themselves. Further, he argues that their freedom and equality entitles them to inflict the same treatment upon the king they would receive at the hands of the law, that magistrates are empowered by the people: <https://oll.libertyfund.org/titles/allison-the-tenure-of-kings-and-magistrates> <http://www.public-library.uk/ebooks/95/10.pdf> [https://milton.host.dartmouth.edu/reading\\_room/tenure/text.shtml](https://milton.host.dartmouth.edu/reading_room/tenure/text.shtml) <https://www.britannica.com/topic/The-Tenure-of-Kings-and-Magistrates> PROVING THAT IF IS LAWFUL, AND HATH BEEN HELD SO THROUGH ALL AGES, FOR ANY, WHO HAVE THE POWER, TO CALL TO ACCOUNT A TYRANT, OR WICKED KING; AND, AFTER DUE CONVICTION, TO DEPOSE, AND PUT HIM TO DEATH; IF THE ORDINARY MAGISTRATE HAVE NEGLECTED, OR DENIED TO DO IT. AND THAT THEY, WHO OF LATE SO MUCH BLAME DEPOSING, ARE THE MEN THAT DID IT THEMSELVES.
103. <https://quadrant.org.au/magazine/2024/05/the-artist-and-the-muse/>