



# Free Will

An Emergent Property of Life

FreeThought Hour Discussion on Free Will

[Watch on YouTube](#)

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FreeThought City Productions





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# Define the Terms

## IS NOT

- not go down philosophy rabbit hole
  - not solipsism
  - not objectivism ( rand )
- not proving the existence of a soul
- not about purpose, meaning, or why
- not about morality, right or wrong

## ARE

- define determinism, predeterminism
- define free will, choice
- define random, uncertainty
- define numbers, layers, scale
- define logic operators

**Entropy** is a measure of disorder or randomness in a system. In thermodynamics, systems tend to evolve towards a state of maximum entropy, or equilibrium, where disorder is maximized.

**Extropy** is a concept used to describe systems that tend towards increasing complexity, intelligence, and order, often associated with life and technological progress.





Media: Incredible Machine



# Intro Summary

Free will can be understood as an **emergent property** that arises from the complexity of the universe, particularly within life forms and higher-order beings. Unlike deterministic views that suggest every event or action is preordained by preceding conditions, the concept of free will posits that individuals possess the capacity to make choices. This capacity is not absolute but rather a function of the system's complexity. As life evolves, so does the ability to exhibit free will. In simpler organisms, actions are predominantly driven by biological imperatives, whereas in more complex beings, such as humans, there is a greater scope for conscious decision-making.

In the current state of human existence, determinism accounts for approximately 95% of our "now," encompassing the physical and biological factors that shape our reality. Social and environmental constructs contribute another 3%, influencing our behavior through societal norms and external conditions. However, the remaining 2% represents a critical aspect of human experience: the ability to manage our attention and make choices. This sliver of autonomy is where free will resides, allowing us to navigate through deterministic frameworks and exert influence over our actions. This interplay of determinism and choice highlights the nuanced nature of free will, suggesting that **while much of our behavior is influenced by predetermined factors, there remains a meaningful, albeit limited, capacity for personal agency**. This emergent property underscores the need for further research and empirical testing to better understand its mechanisms and implications.



## Premise

Free Will is a  
Demonstrable and  
Variable Emergent  
Property of Life



*"...while much of our behavior is influenced by predetermined factors,  
there remains a meaningful, albeit limited, capacity for personal agency."*



# General Rebuttals

## Absolute Answers Are Never Correct

When addressing the concept of free will, framing the answer as a simple "yes" or "no" is inadequate. The universe exhibits emergent and testable features, and the question of free will falls into this complex category.

An absolute answer fails to capture the nuances and intricacies involved, making "yes" or "no" an inherently flawed response. Instead, a more nuanced approach is needed to explore the depths of this profound question.

## Determinism Does Not Scale

While determinism works well in local, everyday situations, it fails to scale effectively in larger and smaller systems. The deterministic view struggles to account for the randomness, chaos, and errors that emerge in complex systems. Although theoretically, every fault can be calculated down to the atom or quark, experiments show a level of indeterminacy at the quantum level that cannot be ignored.

Causality appears reliable in our immediate, relative layer of existence. However, when we consider the extremes—both the very large and the very small—randomness and chaos become evident. These emergent variables, such as indeterminacy and error, highlight the limitations of a purely deterministic perspective in fully explaining the universe.





# S. Harris and D. Dennett Rebuttals

## Error of Morality

- Free will is not the same as morality. Examples of biological behaviors relating to brains is a function of brains and societies, not whether free will exists.
- Subjective morality is does not negate free will. You don't get to write it off as bad brains.

## Error of Time

- Compartmentalizing my consciousness, perception or the awareness of a choice, does not mean I didn't make it .
- Even if its subconscious, when my biological brain makes the decision before I'm wakenly aware, I still made a choice.
- One can receive variables over time and data can compile to influence a decision made by my brain. Just because a choice has a lag state, doesn't mean it wasn't a choice.







# Evidential Proof of Free Will as an Emergent Property

## Physical & Logical Proof

- Right Hand Rule, Shows Direction
- Double Slit Experiment, Shows Observer
- The Maths of Maybe
- In the Definition of Life vs Non-Life

## Anthropological Proof

- Philosophy of “free will” is an entire discipline
- Attention and Choice Scale with Complexity
- Contrarians. Failure to Comply
- Physical “Force” of Others



# Truth Table 2x2

An AND logic truth table is like a simple rule checker for two questions where both answers need to be "True" for the overall result to be "True."

The table shows three scenarios where the result is FALSE and only one scenario where the result is TRUE. This helps you see clearly when your conditions are met to get a "True"!

AND	0, No False	1, Yes True
0, No False	0*0= 0, No False	0*0= 0, No False
1, Yes True	0*0= 0, No False	1*1= 1, Yes True



# Truth Table 3x3

In a truth table with three variables—0 (No, False), 0.5 (Maybe), and 1 (Yes, True)—the outcomes are based on strict rules. Any input of 0 results in a False outcome.

The presence of 0.5 introduces uncertainty, and the outcome depends on how "Maybe" interacts with other values. This table offers a array of outcomes.

AND	0, No False	0.5, Maybe Choice, Random	1, Yes True
0, No False	$0*0=$ 0, No False	$0*.5=$ 0, no, false	$0*1=$ 0, No False
0.5, Maybe Choice, Random	$0*.5=$ 0, no, false	$.5*.5=$ 0.25, dross, eddy, random	$.5*1=$ 0.5, choice
1, Yes True	$1*0=$ 0, No False	$.5*1=$ 0.5, choice	$1*1=$ 1, Yes True





# A Tree Falls in the Woods and No One is Around to Hear It, Does It Make A Sound?

Yes, by definition, falling trees make sounds.

A falling tree has effects on the ground, the rocks, the other trees, and all the critters around it.

A tree alone in the Void falls relative to what?



*When I summon a car in a video game, it “appears” behind me.*





# The Observer & The Veils

- ❖ We have a pin hole view of the universe.
- ❖ Wet monkey brains can only conceive to a point.
- ❖ Can't teach an ape calculus and can't run MS Office on an Atari 2600.
- ❖ The collective observations of humans can surmise that an understanding of the universe is beyond a human brain.
- ❖ When a monkey in an Indian food market *schemes* to steal a food item from an unsuspecting vacationer, how can you deny that's consciousness. It's refining future in a way.
- ❖ You have to factor The Observer in the equation.
- ❖ And then you have to factor the ability of The Observer to effect it's relative world.
- ❖ That ability to choice, to plan, to execute one's will, is free will and it can be defined.

- ❖ The Veils are the layers, the folds, the dross.
- ❖ The Veils are upper and lower limits of understanding.
- ❖ The Veils are the layers of physical world we stand upon.
- ❖ The Veils are the human, social layers we manifest, because we understand other free wills exist.



# Attention is a Currency



Attention can be viewed as a form of currency within the realms of experience, consciousness, and thought. Just as currency facilitates transactions in an economy, attention allocates mental resources within the mind. Free will operates within this layer, allowing individuals to choose how and where to direct their attention.

Free will is an emergent property of the universe, particularly evident in life and consciousness. It can be objectively measured through the choices made within the domain of attention. By selecting what to focus on, individuals exercise free will, demonstrating it as a variable and measurable aspect of their conscious experience.





# Free Will Function Hypothesis

## 95% Determined

of Substrate;  
of Causality;  
of Random;  
of Physics;  
of Chemistry;  
of Biology;  
of Mind;  
of the Past;

## 3% Social

of History;  
of Government;  
of Morality;  
of the Now;

## 2% Individual

of Attention;  
of Choice;  
of the Future.



*i've done differentials, i know how throw shit on the wall and see what sticks.*





The Matrix – Failure to Comply



# Final Thoughts on Free Will & Summary

- ★ Yes or No Answer Is Probably Not Correct
- ★ Determinism Doesn't Scale
- ★ Stop Conflating Free Will with Morality
- ★ Brain Lag Doesn't Negate Choice
- ★ Physical & Logical Evidence
- ★ Anthropological Evidence
- ★ Truth Table Show Logic
- ★ Falling Tree Resolution
- ★ Free Will is a Function of Attention
- ★ 95% Determined, 3% Social, 2% Individual

Understanding free will  
is to come to terms with  
the costs of choices.



# Thank You and Q&A

Thank you for viewing the presentation.



Questions?

Discuss?





## Addendum A

Show me something  
in the real universe  
that has a true  
opposite.

- ❖ Not a battery. 1) That's a field, and; 2) water from one cup to another is not opposites.
- ❖ Not an antiparticle. If it annihilates with any particle, then it wasn't the opposite, it was just any other.
- ❖ Zero and One do not really exist.
- ❖ There is no spoon.
- ❖ It's fuzzy all the way up and all the way down.
- ❖ DO NOT TALK IN ABSOLUTES! IT'S LAZY.



*"Name one moral action performed by a believer that could not have been done by a nonbeliever." - Christopher Hitchens*



Sure, here is the table:

markdown

Copy code

Concept	Dichotomy A1	Dichotomy A2
Temporal	Past	Future
Thermodynamic	Entropy	Extropy
Organizational	Order	Chaos
Philosophical	Fate	Free Will
Spatial	Down	Up
Informational	Ignorance	Knowledge
Moral	Good	Evil
Energetic	Potential	Kinetic
Authority	Power	Data
Color	Red	Blue
Binary	0	1
Directional	Left	Right



*Absolutes are not Real.*



## Addendum B

It's All  
Light Dross

of Q-foam, The Substrate,  $10^{-33}$ ,  
Plack Field, or just The Bottom //  
of Causality //  
of Random //

of EMF and it's Dross //  
of Physics //  
of Chemistry //  
of Biology //

of Mind //  
of the Past //





Family Guy - God Fart





## Addendum C

# Direction of Life is *from the Collective* to the Individual

The Universe is ordered, in a state of rest. Life is a state of disorder, that if not for the function of life, it would not be.

Life contains a root function of disorder and chaos and free will. This is evident on biological evolutionary scales as well as anthropological scales.

You see many cells come together to be one organ. You see scattered tribe create kings and presidents.

Life appears to have a direction of moving from the collectives towards the individuals.







## Addendum D

# Holographic Memory and Subjective Morality

Every part of the crystal has a copy of the entire image. The larger the crystal, the higher the resolution. The smaller the crystal, the dimmer the image. The crystals is the Data.

Consciousness is the Read/Write function.



*"Listen to my muscle memory; Contemplate what I've been clinging to;" – Tool, Forty Six and 2*



# Reference Links

## Technical and Academic References

1. Wikipedia - Free Will
2. Stanford Encyclopedia of Philosophy - Free Will
3. Internet Encyclopedia of Philosophy - Free Will
4. PubMed - Research Articles on Free Will
5. ResearchGate - Free Will
6. ScienceDirect - Articles on Free Will
7. SpringerLink - Free Will

## Books and Articles

1. Goodreads - Books on Free Will
2. Sam Harris - Free Will (Book)
3. Daniel Dennett - Elbow Room: The Varieties of Free Will Worth Wanting
4. Robert Kane - The Significance of Free Will

- *AI Agents were used for much of the content in this presentation*

## Cultural and Conceptual References

1. Psychology Today - Free Will
2. BBC Future - Does Free Will Exist?
3. The New Yorker - Is Free Will an Illusion?
4. Aeon - Do We Have Free Will?
5. TedEd - Free Will vs. Determinism

## Videos and Documentaries

1. YouTube - Sam Harris: Free Will
2. YouTube - Daniel Dennett on Free Will
3. YouTube - Robert Sapolsky on Free Will
4. BBC Documentary - The Secret You

## Philosophical Discussions

1. Philosophy Now - Free Will
2. Academia.edu - Free Will
3. PhilPapers - Free Will
4. Daniel Dennett - Philosophy of Free Will
5. Daniel Dennett - What is Free Will?





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END

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