

Earth 2021 A.D.



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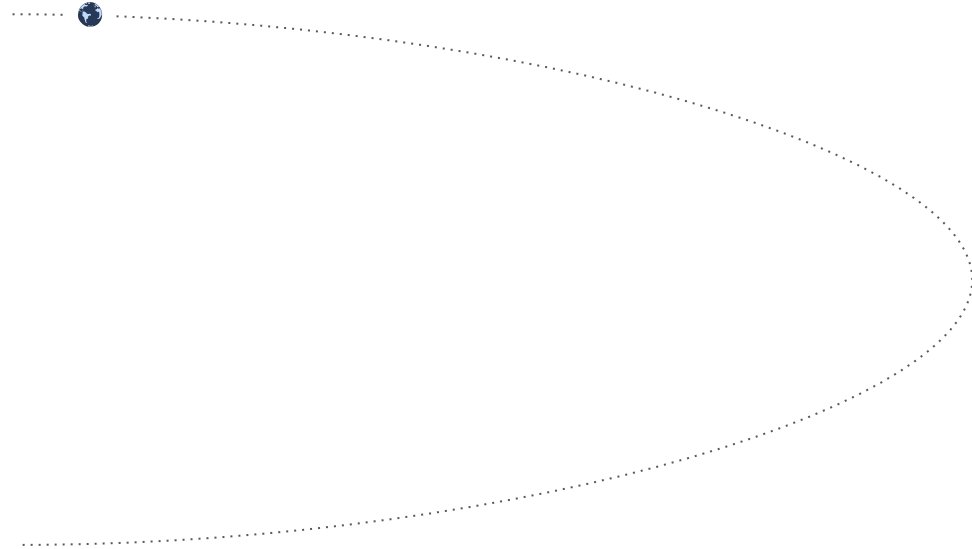


Earth 2156 A.D.

Earth 2021 A.D.



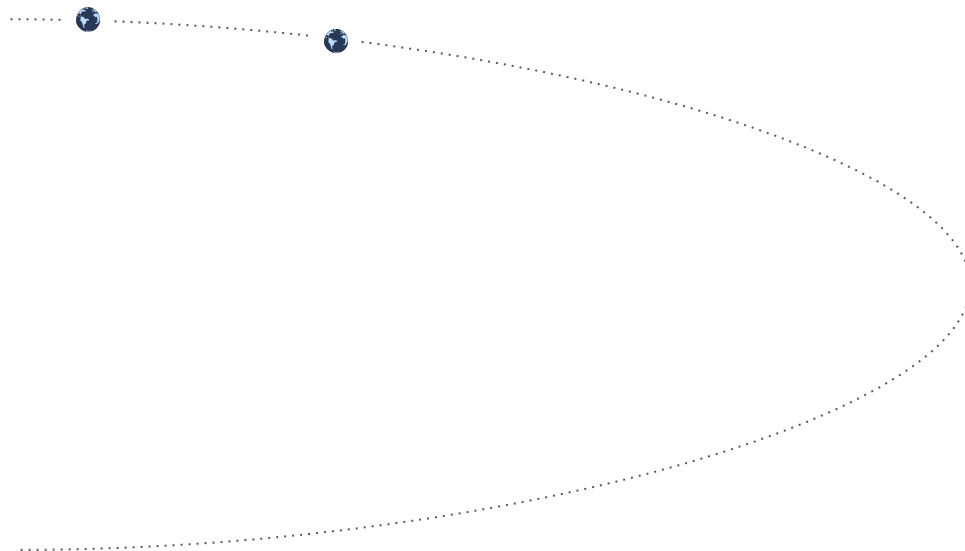
Earth 2156 A.D.



Earth 2021 A.D.



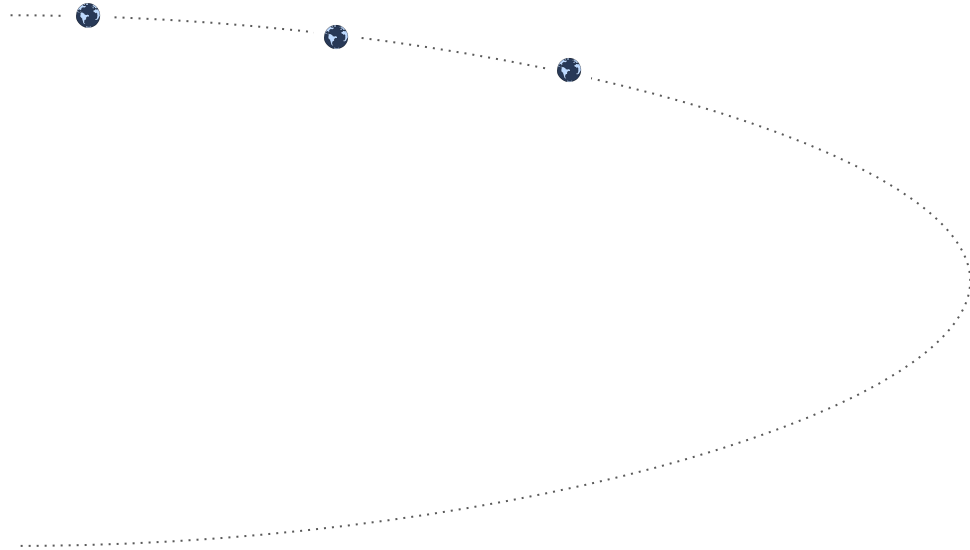
Earth 2156 A.D.



Earth 2021 A.D.



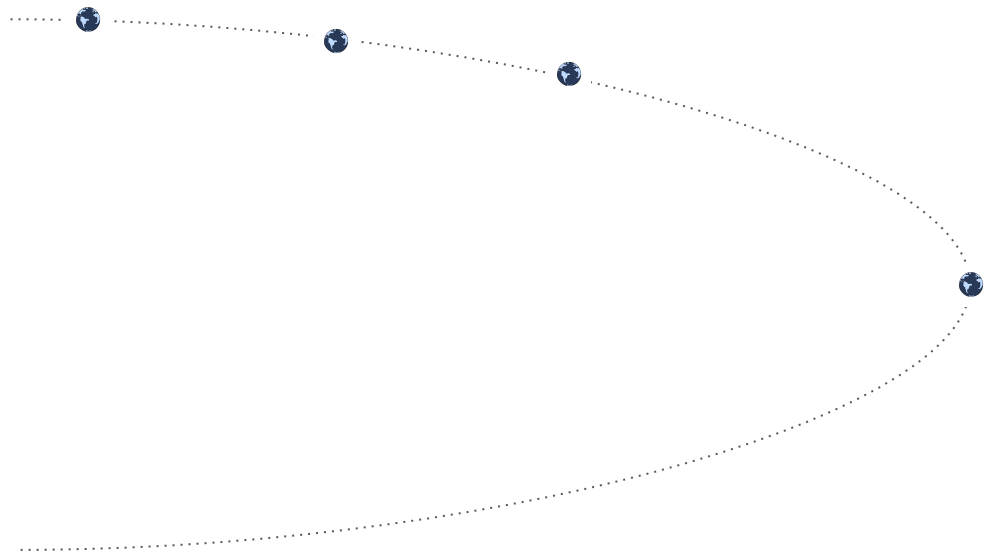
Earth 2156 A.D.



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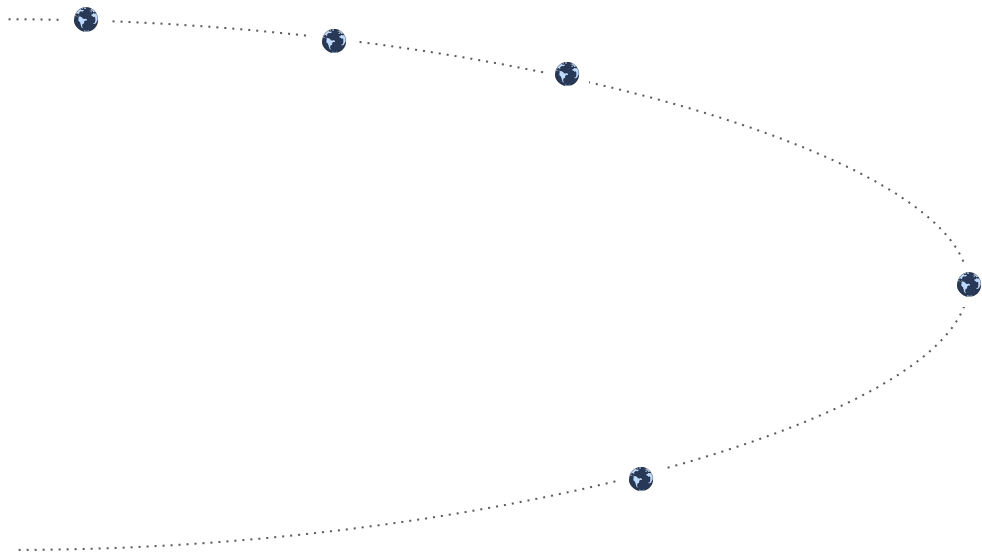
Earth 2156 A.D.



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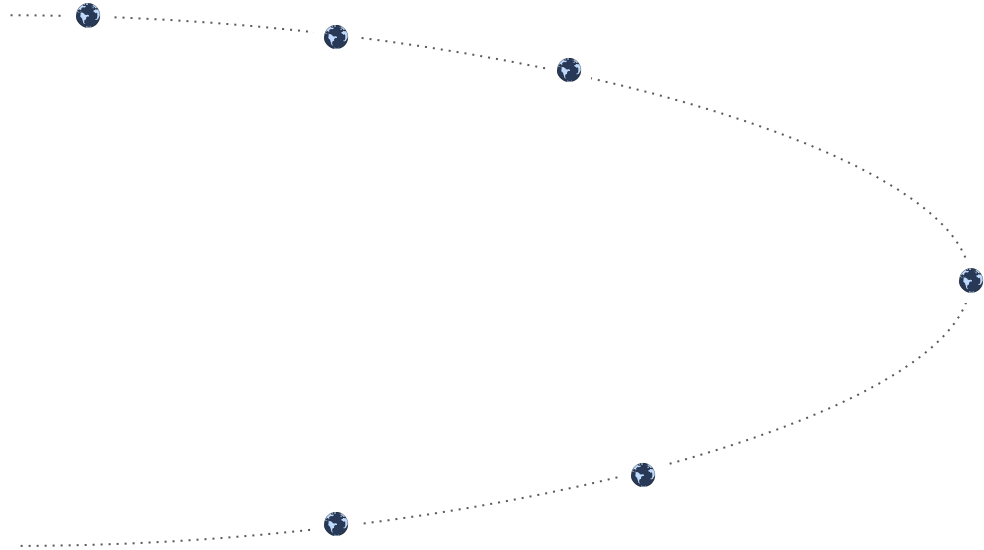
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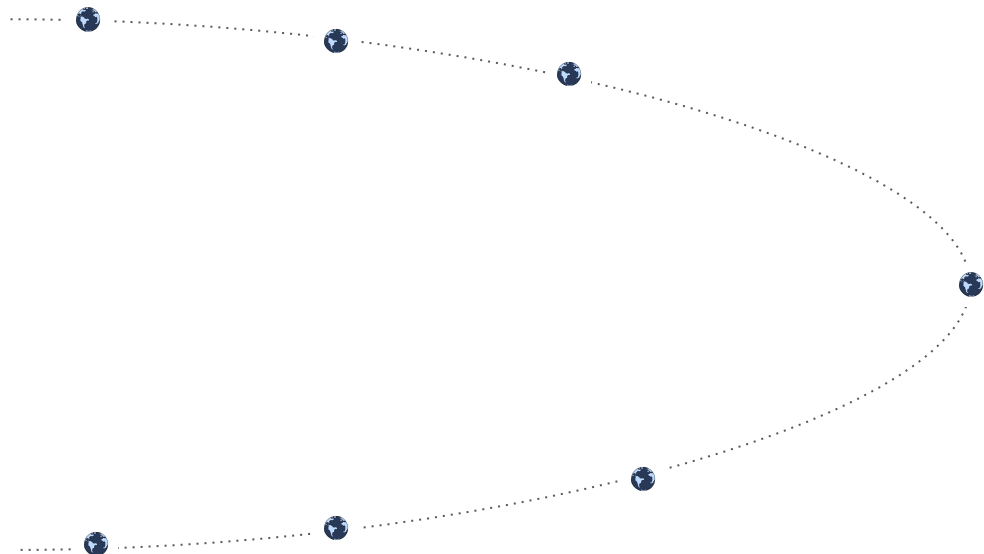
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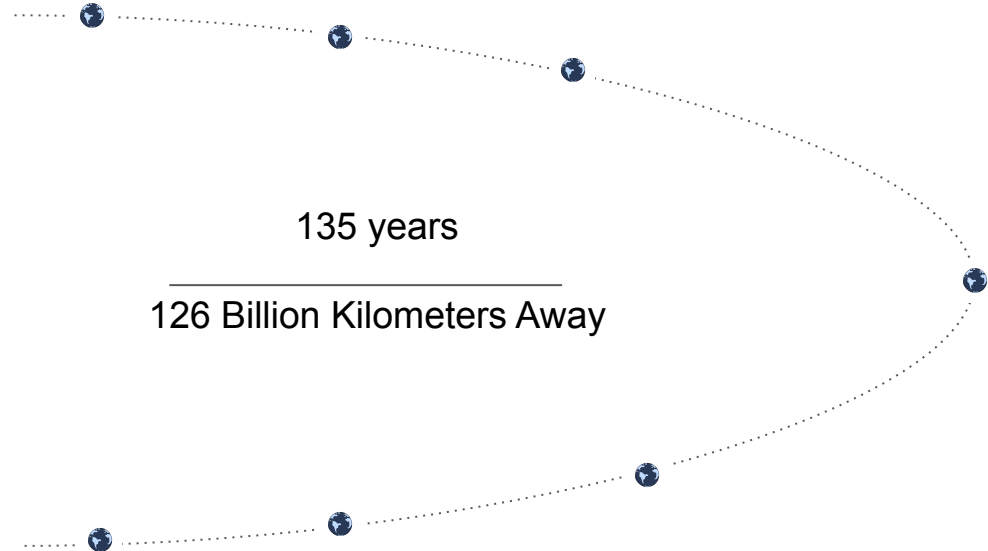
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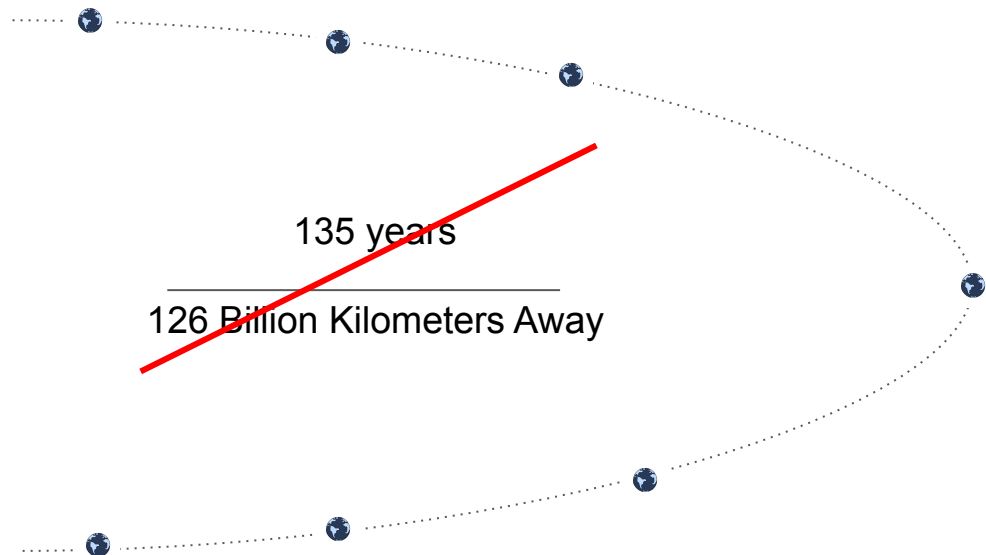
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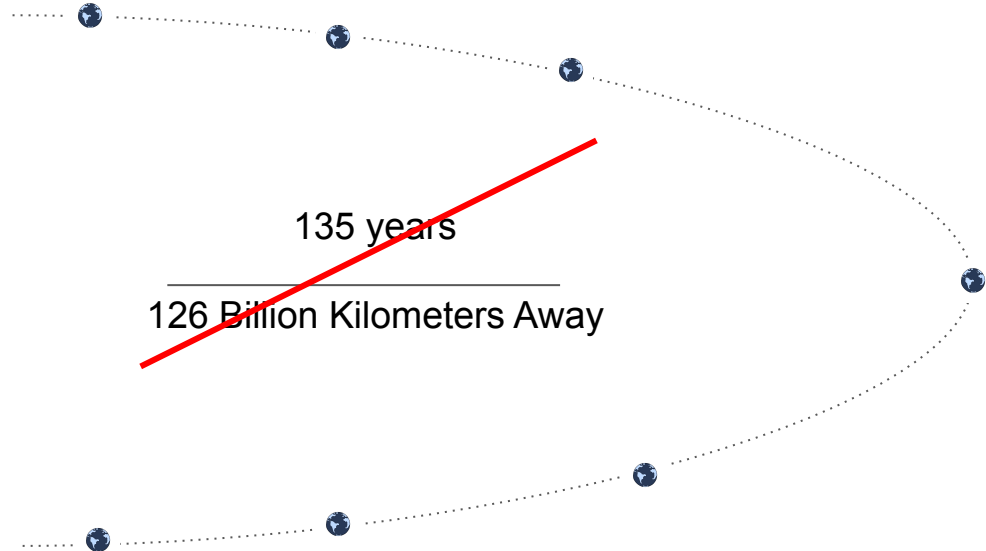
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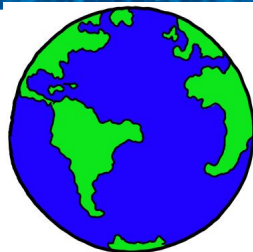
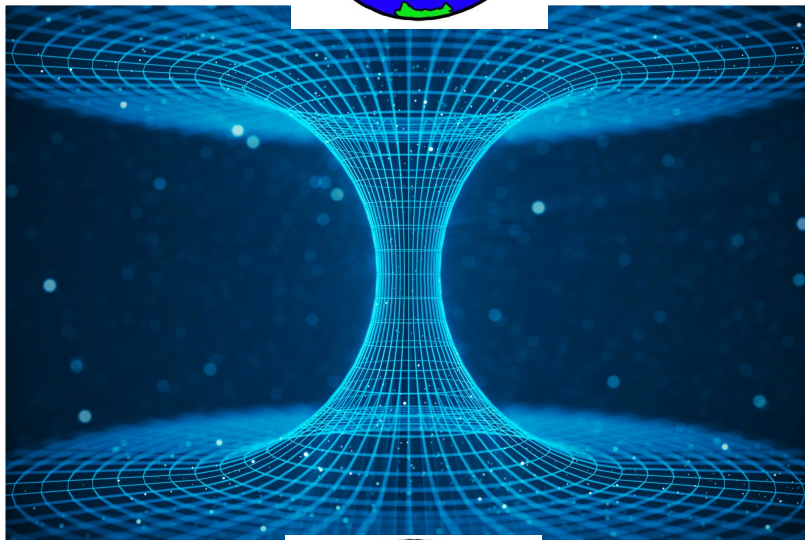
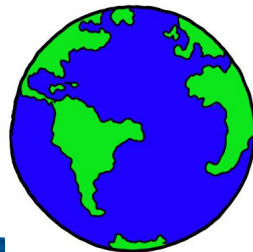


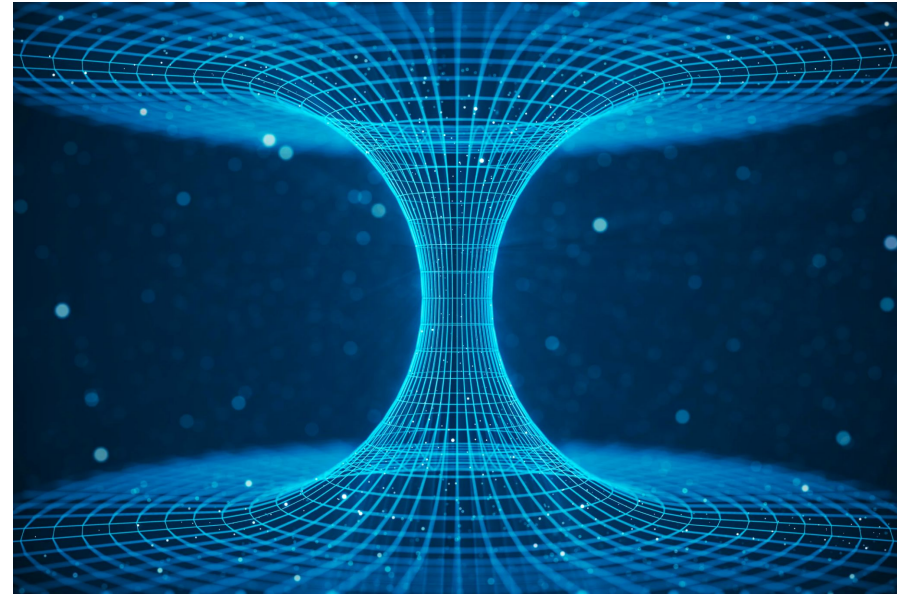
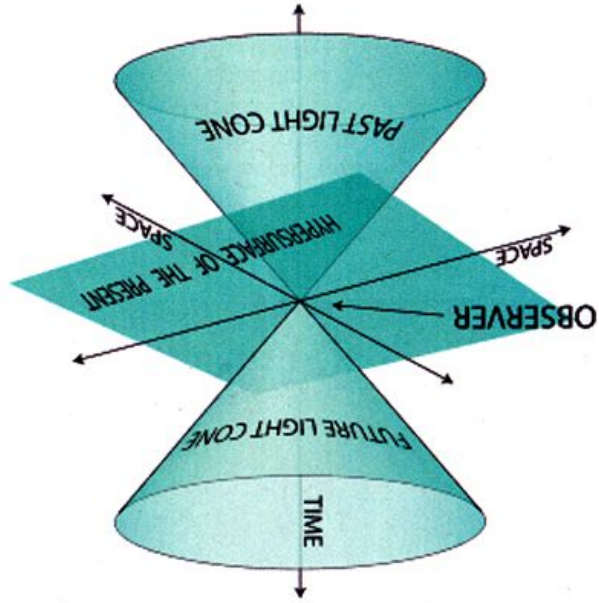
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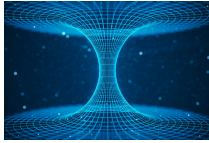




How can we define a wormhole?

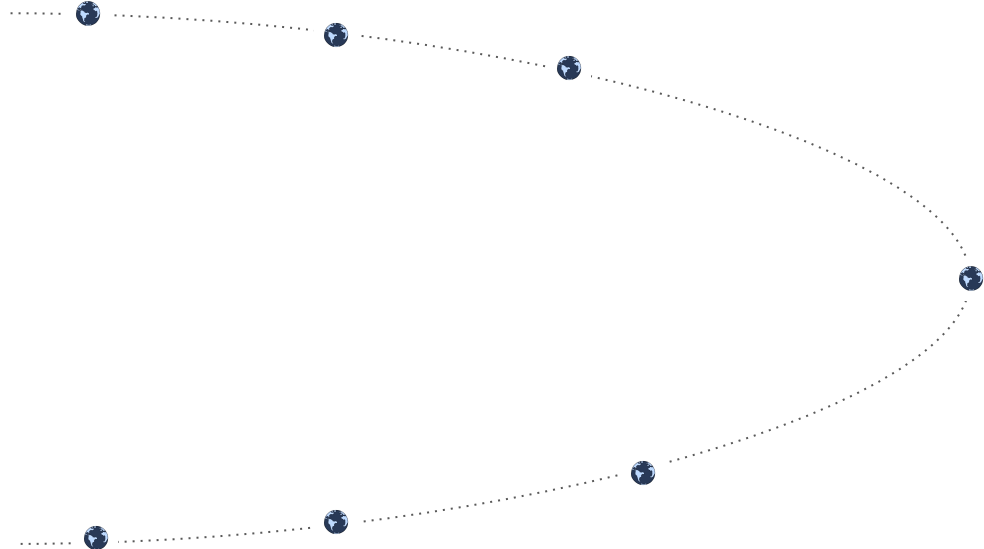
What properties does it need?

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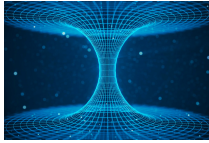


Earth 2156 A.D.

It needs to be a specific set of coordinates in space/time. This is relatively simple today, to forecast the Earths position in the milky way.

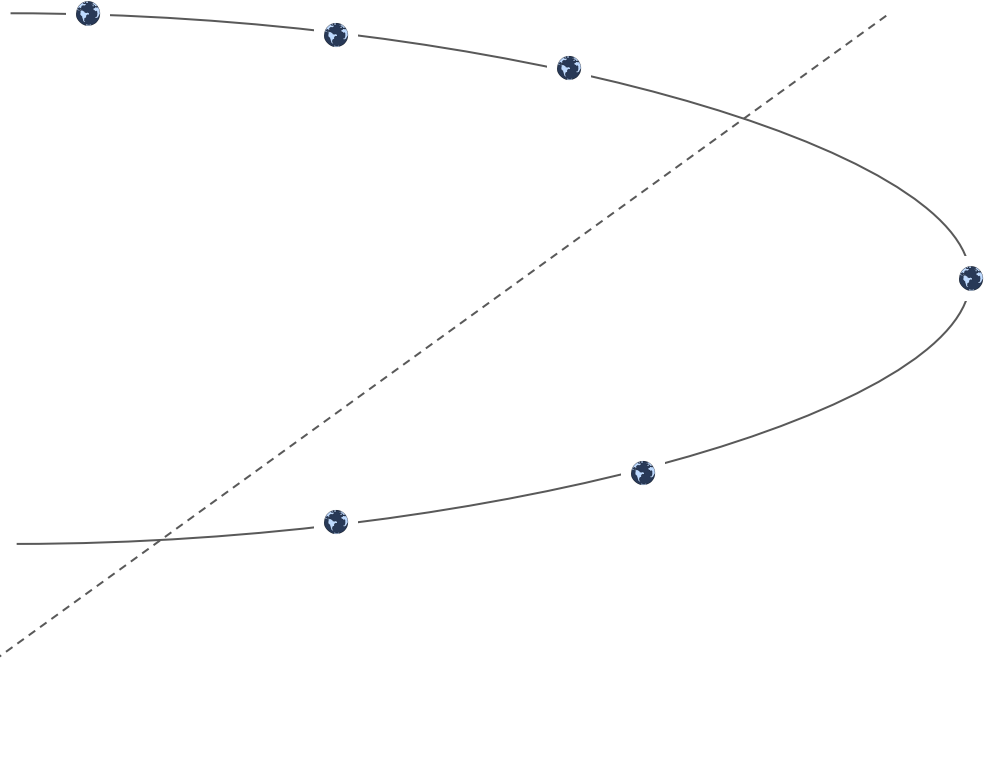


Earth 2021 A.D.

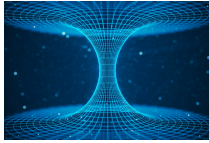


Earth 2156 A.D.

It needs to be a specific set of coordinates in space/time. This is relatively simple today, to forecast the Earth's position in the milky way.

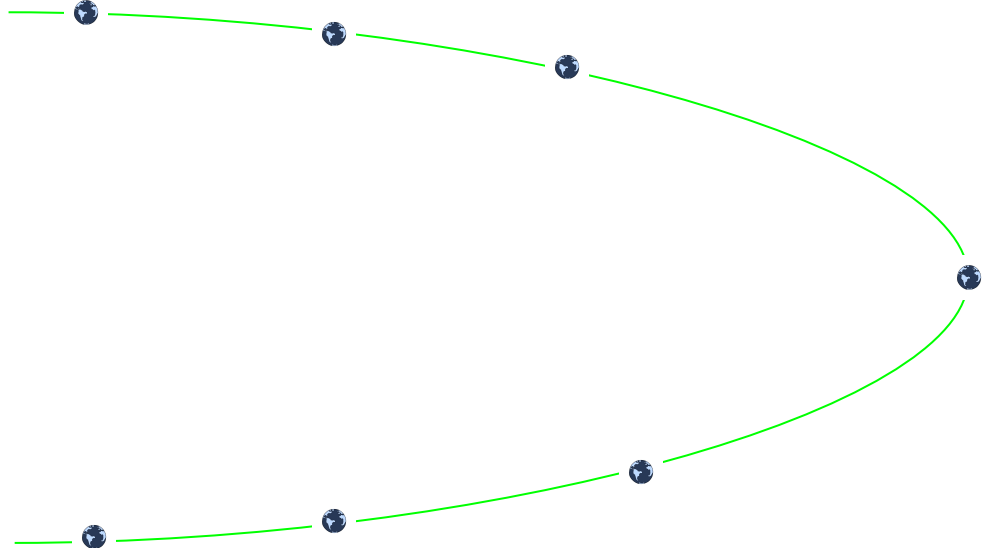


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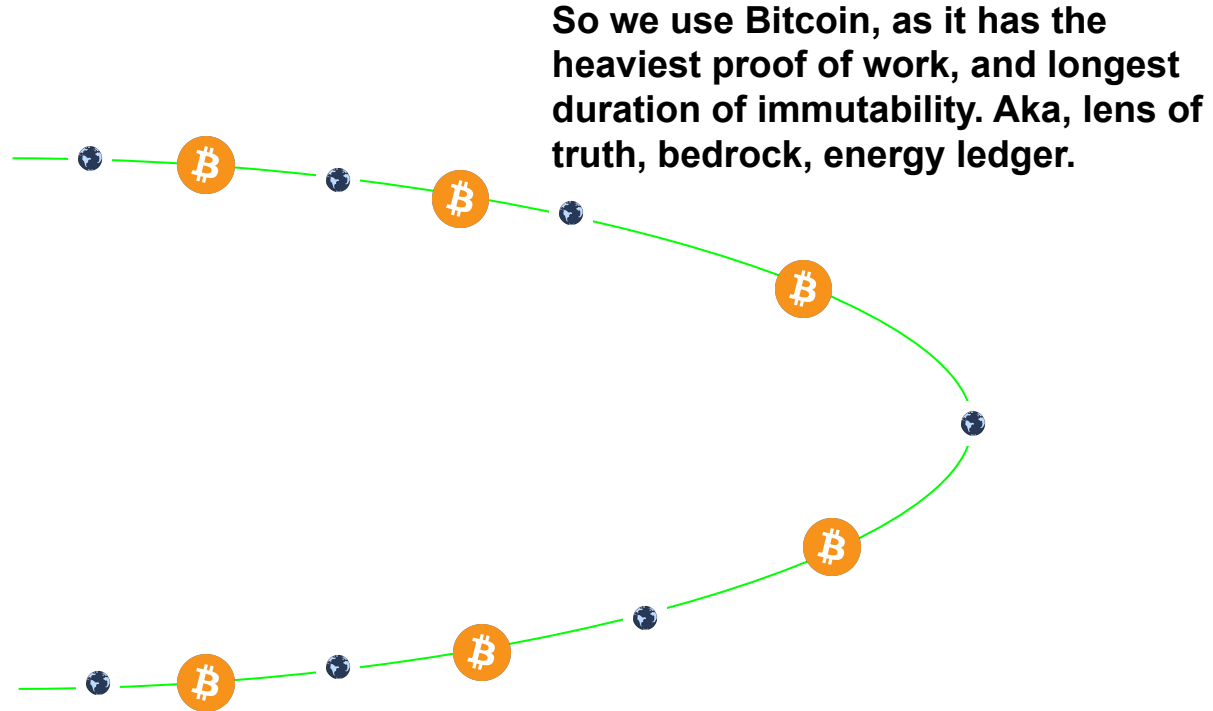
It needs to be unbreakable! So we know it survives the entire journey into the future :)



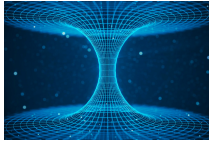
Earth 2021 A.D.



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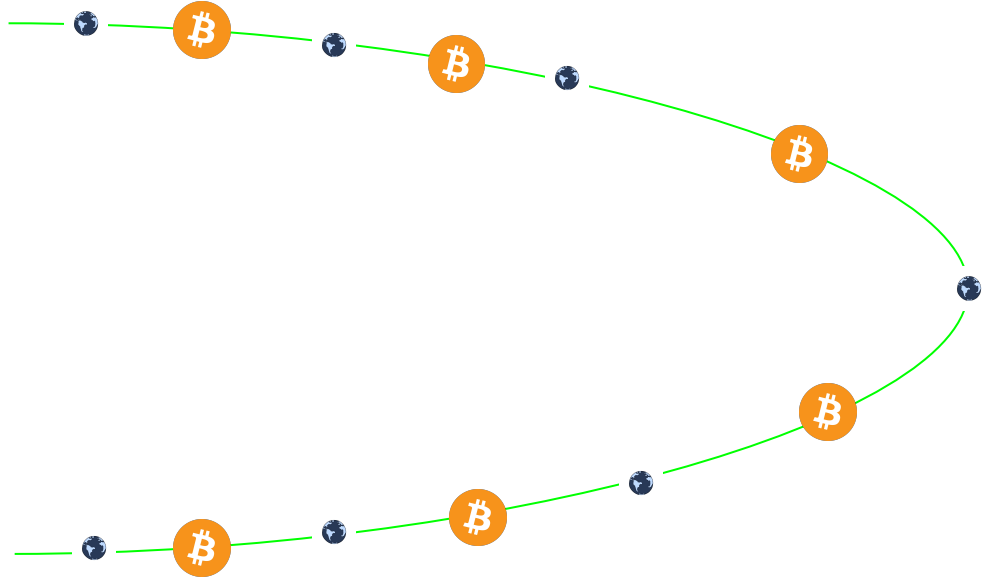


Earth 2021 A.D.

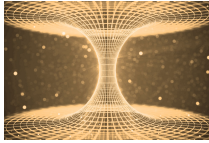


Earth 2156 A.D.

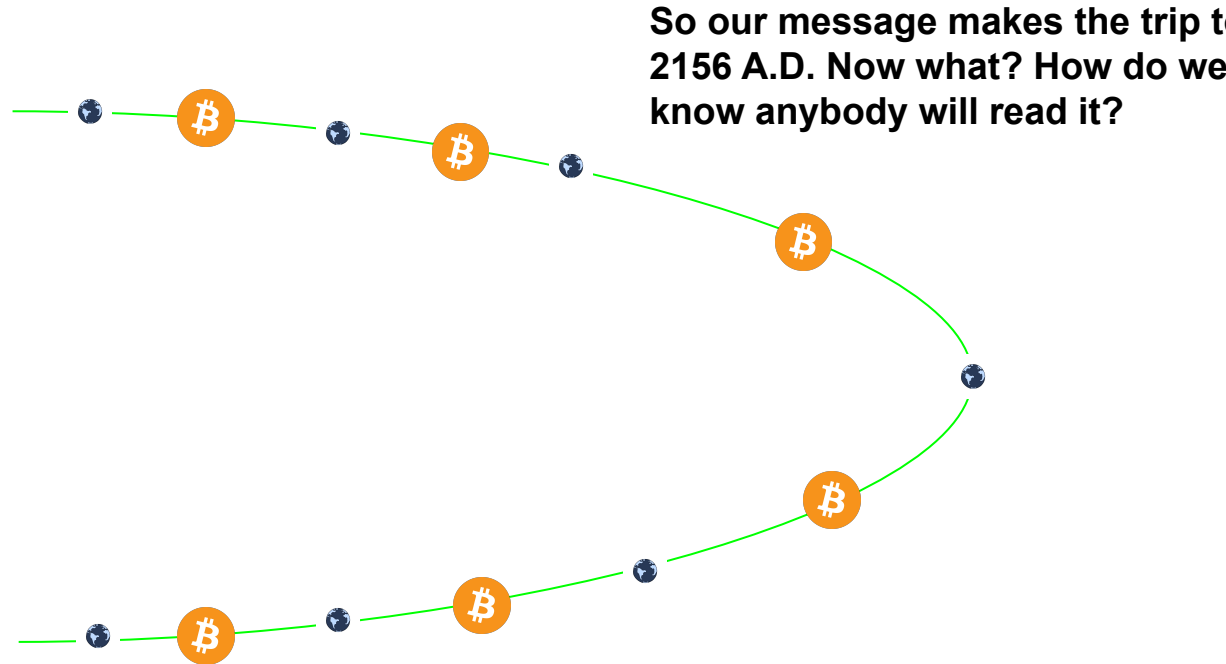
If something appears on chain, then it is unchangeable for history.



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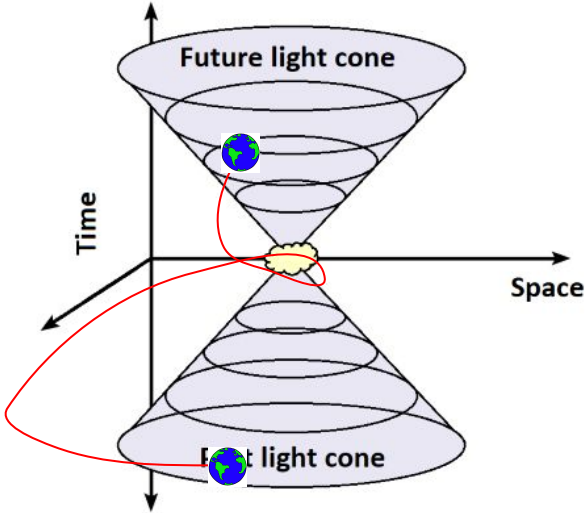


Earth 2156 A.D.

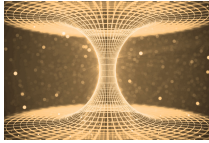


Blockheight 7,140,000

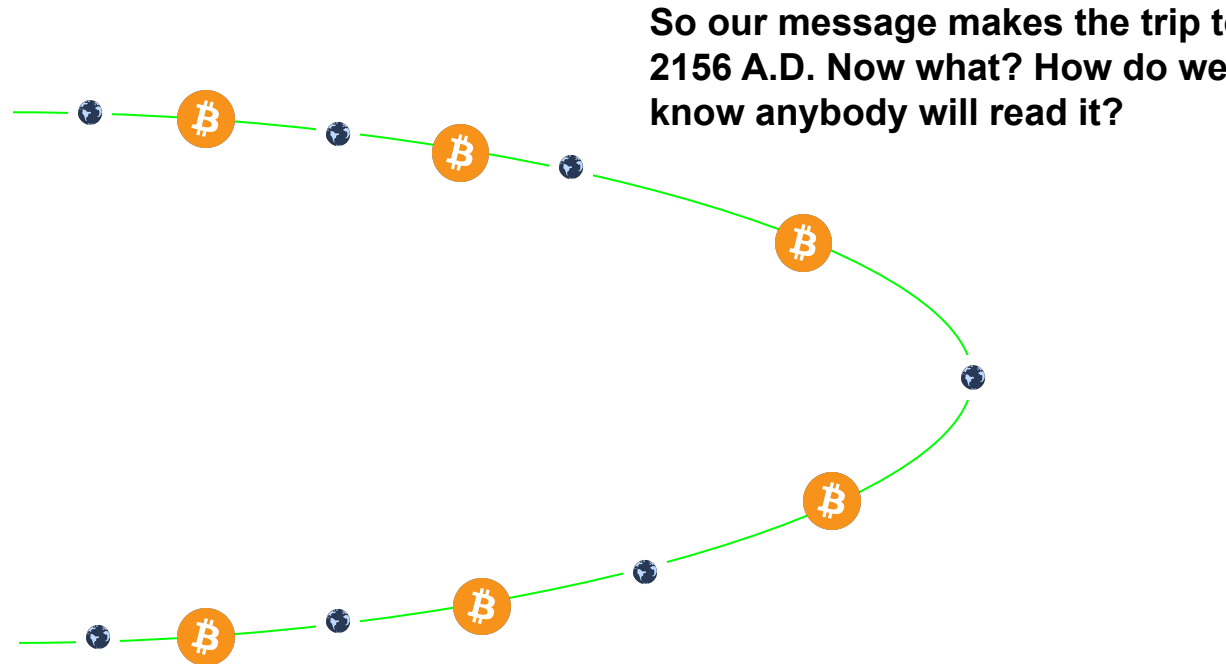
Blockheight 691,271

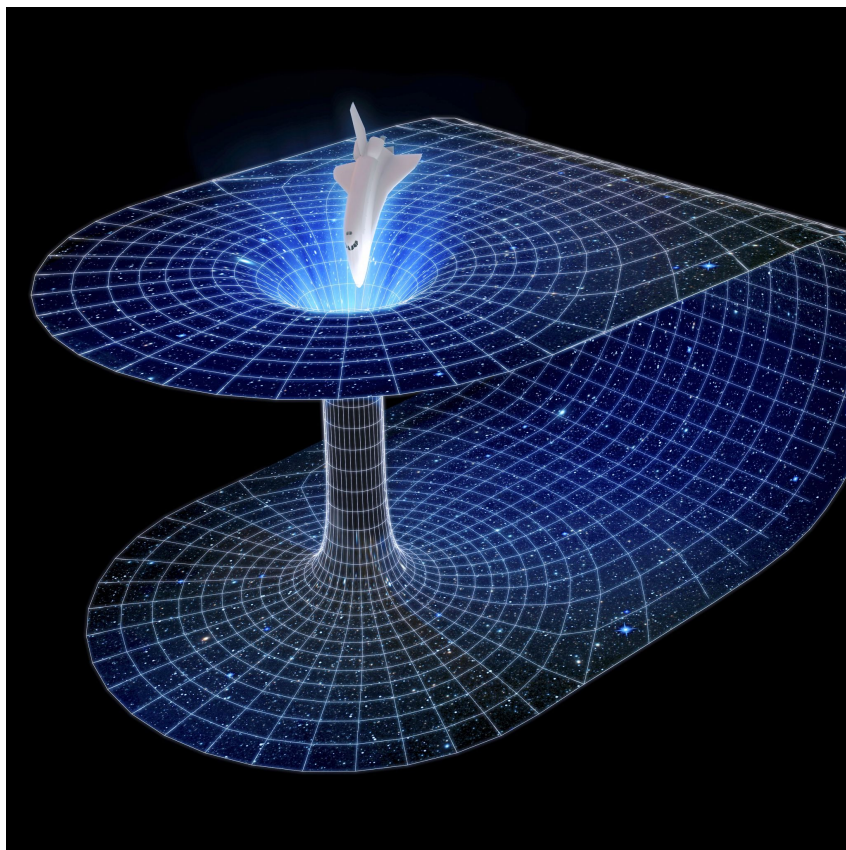
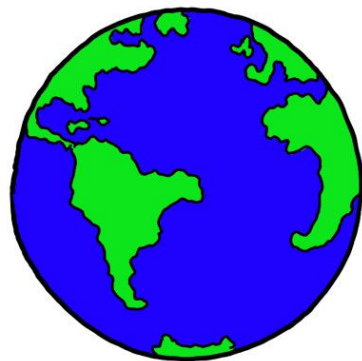
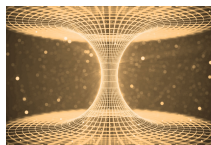


Earth 2021 A.D. - Regular Address Derived From Key



Earth 2156 A.D. - Timelock Address at Block 7,140,000





Wormhole

What are we sending through our
wormhole?

321896528535366951726793777736465
930042063962378262012738144830540
19734274051

We are sending a number through
our wormhole. Hoping that this
number will survive the duration of
the trip, and show up on the other
side of the wormhole.

Why Would We Send a Number?

- Numbers are universal, and not relative to an observer. While they may carry differing levels of significance to the observer, another civilization must know about numbers.
- Regardless of where in the universe we are, there is universal truths in numbers (e.g. $1+1$ will always be 2, based on adding the two together).
- Simplicity of storing. Doesn't cost a lot to store it, but carries large incentives relative to the cost of storage. Be it on a computer, written down, drawn, etc... It just needs to exist essentially.
- It's easier to transport numbers which can then derive insights and information, than it is to send a pile of documents, or pictures, posters, or whatever.

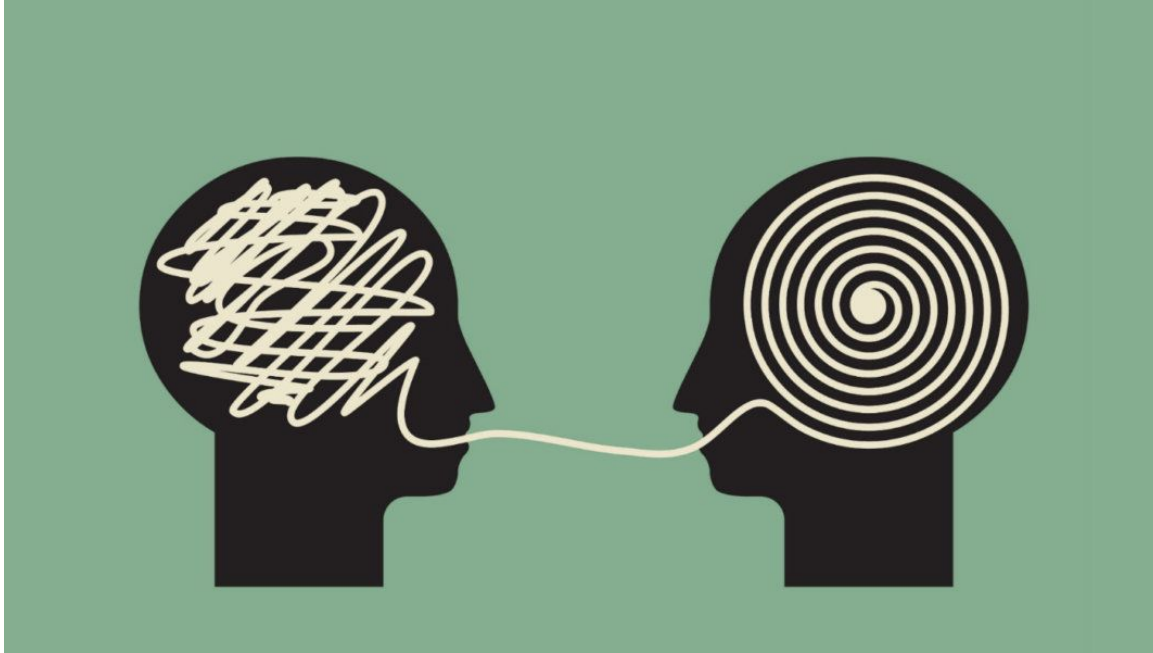
Questions



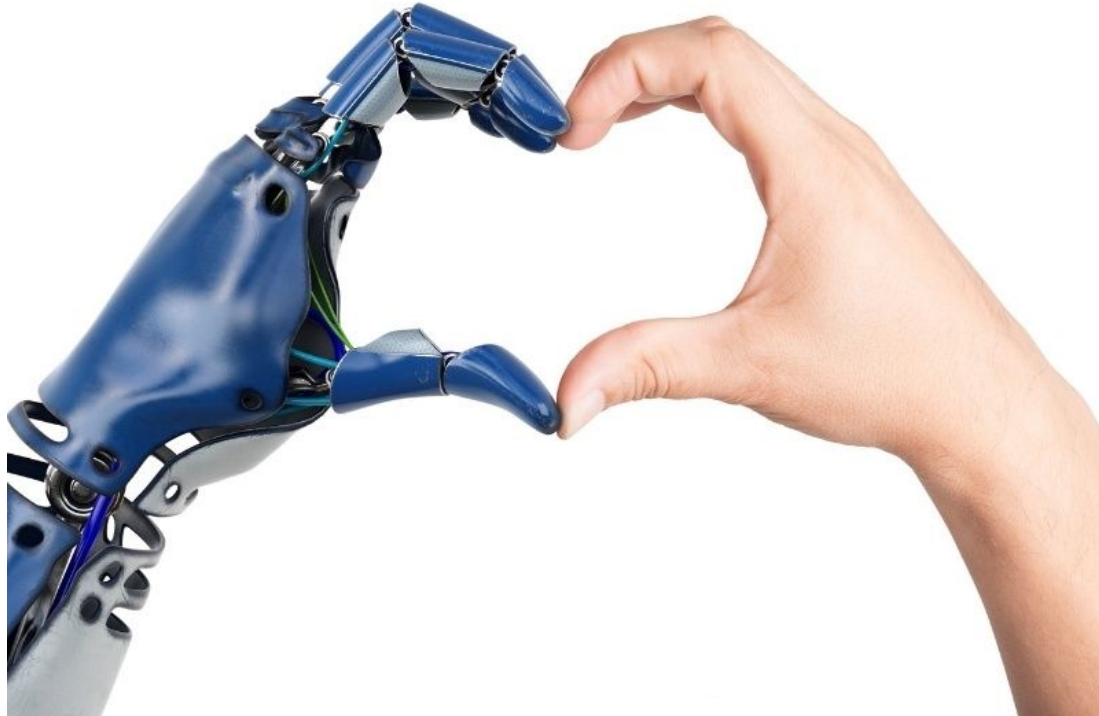
What If We Can't Remember The Number

- The wormhole collapses if the number is forgotten and never recoverable.
- This means that it's probability of being found are now 2^{256} . Which is like accidentally tripping over a blackhole. Possible, but very unlikely.
- The number translates into other languages, for the future. The goal of that being it is extensible to past/present/future civilizations.

Translating Our Number

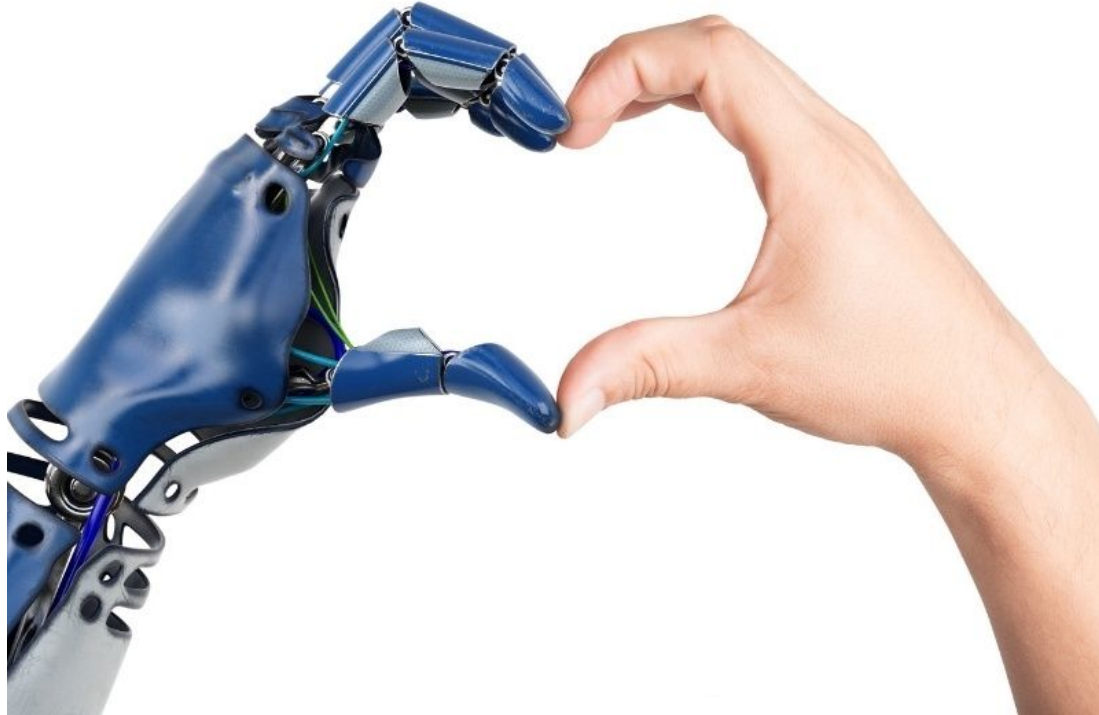


Translating Our Number



Translating Our Number

32189652853536695172679377773646593004206396237826201273814483054019734274051

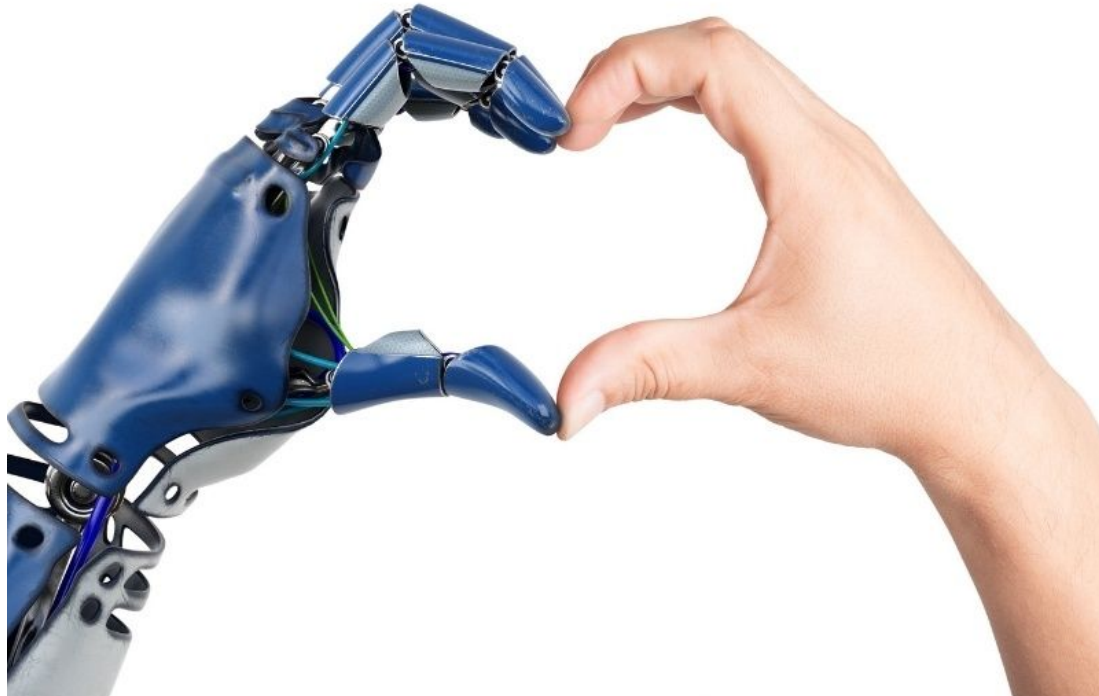


Translating Our Number

32189652853536695172679377773646593004206396237826201273814483054019734274051

← **Machines, Humans** →

```
"WIF": "(private key  
5JmSZpSr8TNBkqHZpq1f  
KPcCvyafE8uwhfeeZNF1Y  
L8SAa9ZR9) ",
```



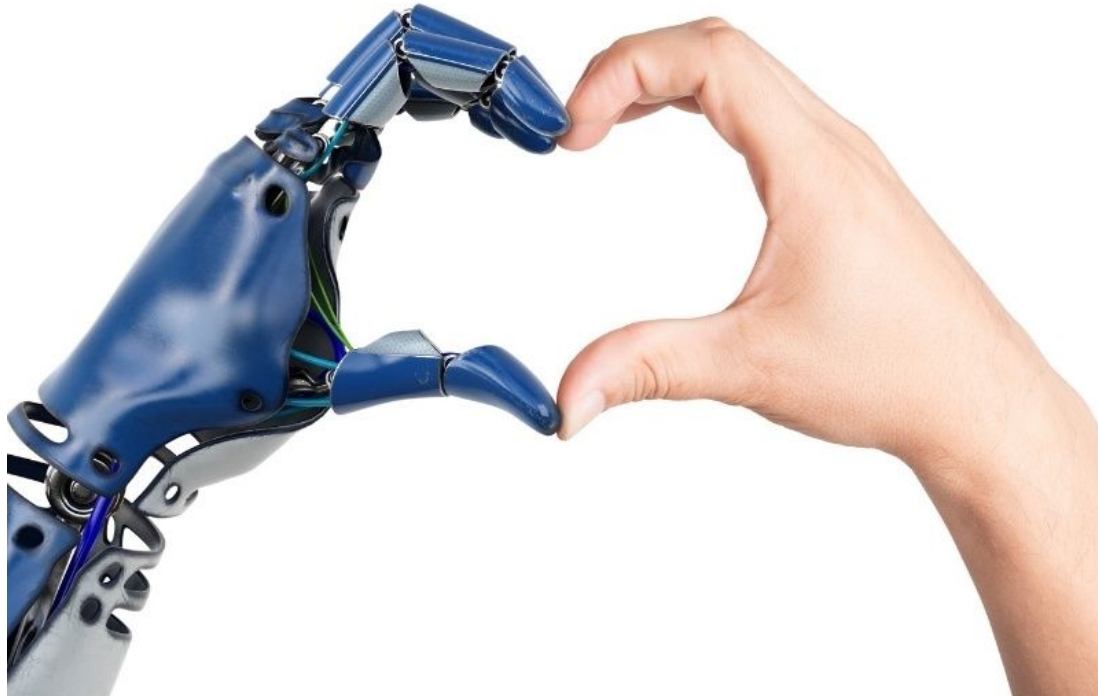
Translating Our Number

32189652853536695172679377773646593004206396237826201273814483054019734274051

← Machines, Humans →

```
"WIF": "(private key  
5JMdSZpSr8TNBkqHZpq1f  
KPcCvyafE8uwhfeeZNF1Y  
L8SAa9ZR9) ",
```

```
"hex": "(private key  
472ab2a7873f7703d94d9  
0252a82988f766f520b00  
2a9036fff663a0372e000  
3) ",
```



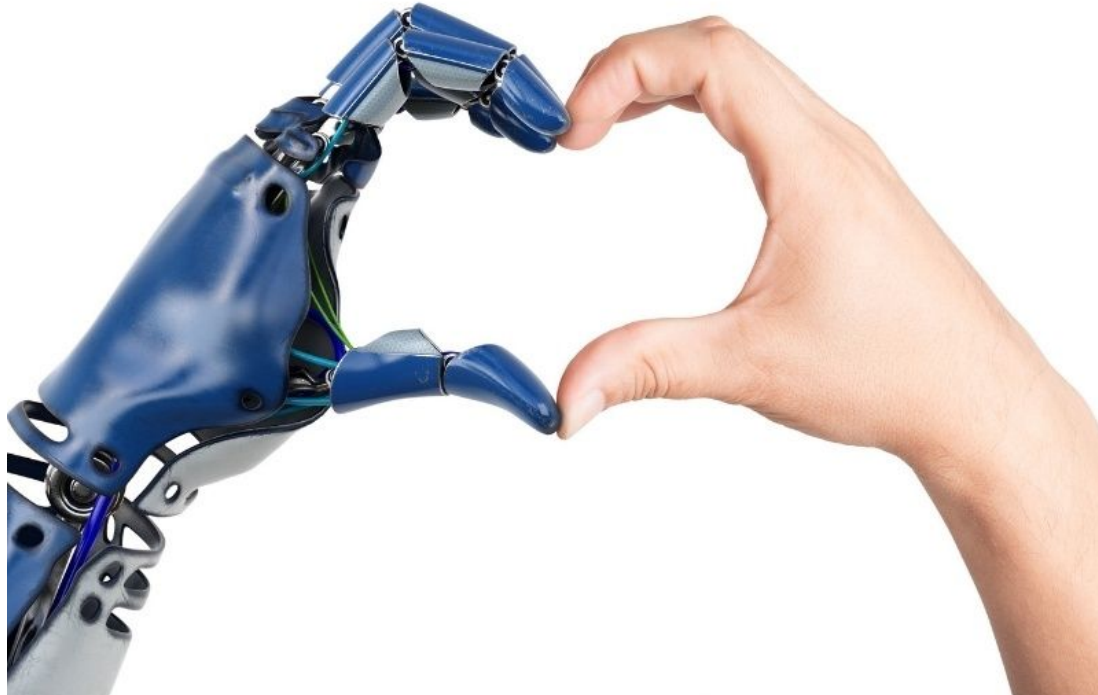
Translating Our Number

32189652853536695172679377773646593004206396237826201273814483054019734274051

← Machines, Humans →

```
"WIF": "(private key  
5JMdSZpSr8TNBkqHZpq1f  
KPcCvyafE8uwhfeeZNF1Y  
L8SAa9ZR9)",
```

```
"hex": "(private key  
472ab2a7873f7703d94d9  
0252a82988f766f520b00  
2a9036fff663a0372e000  
3)",
```



```
"string": "(br  
ain wallet  
plain text  
"1+1=3=Pi")"
```



**TO TRAVEL FORWARD
IN TIME**

**ALL I HAVE TO DO IS
WAIT**

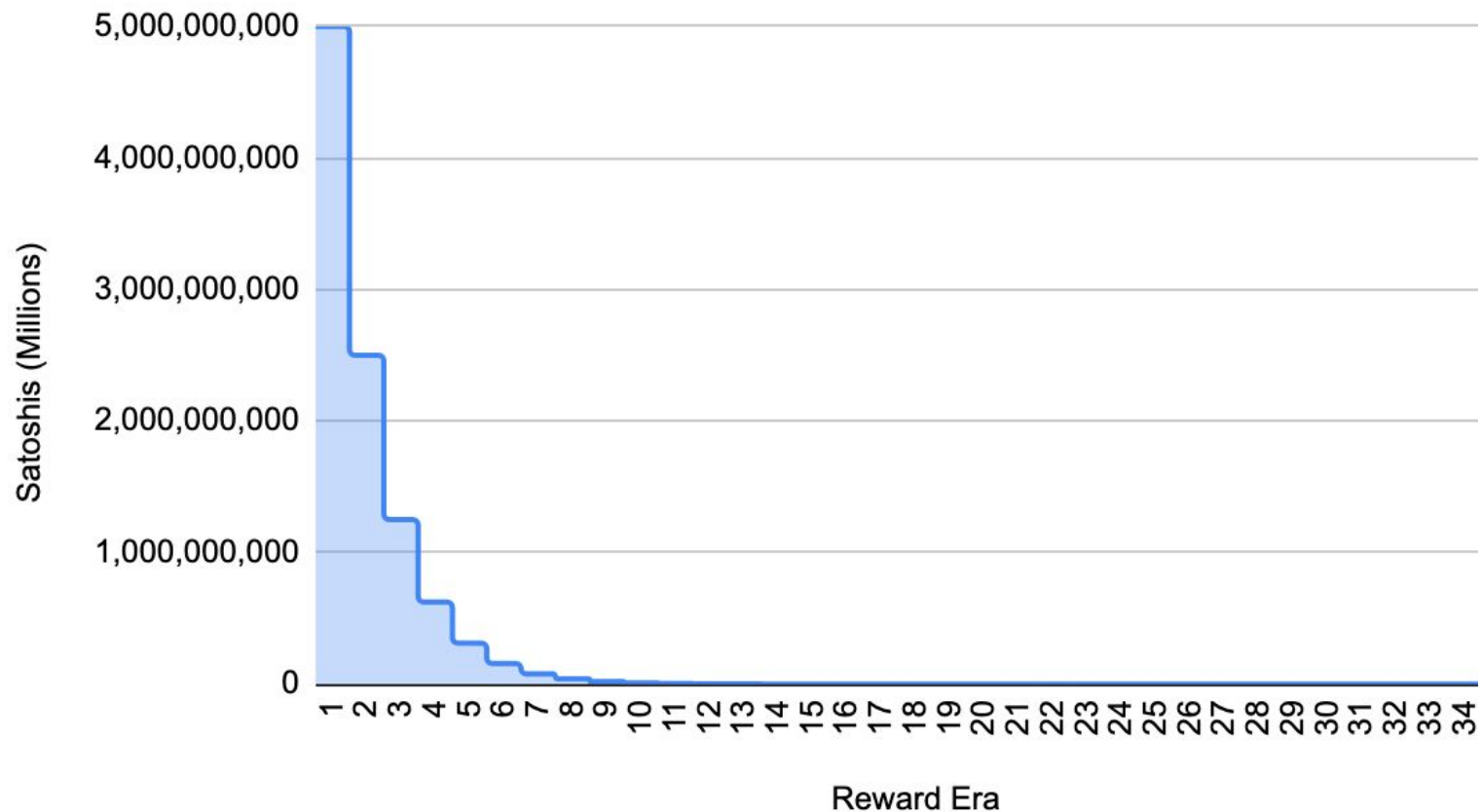


How do we incentivize remembering this number?

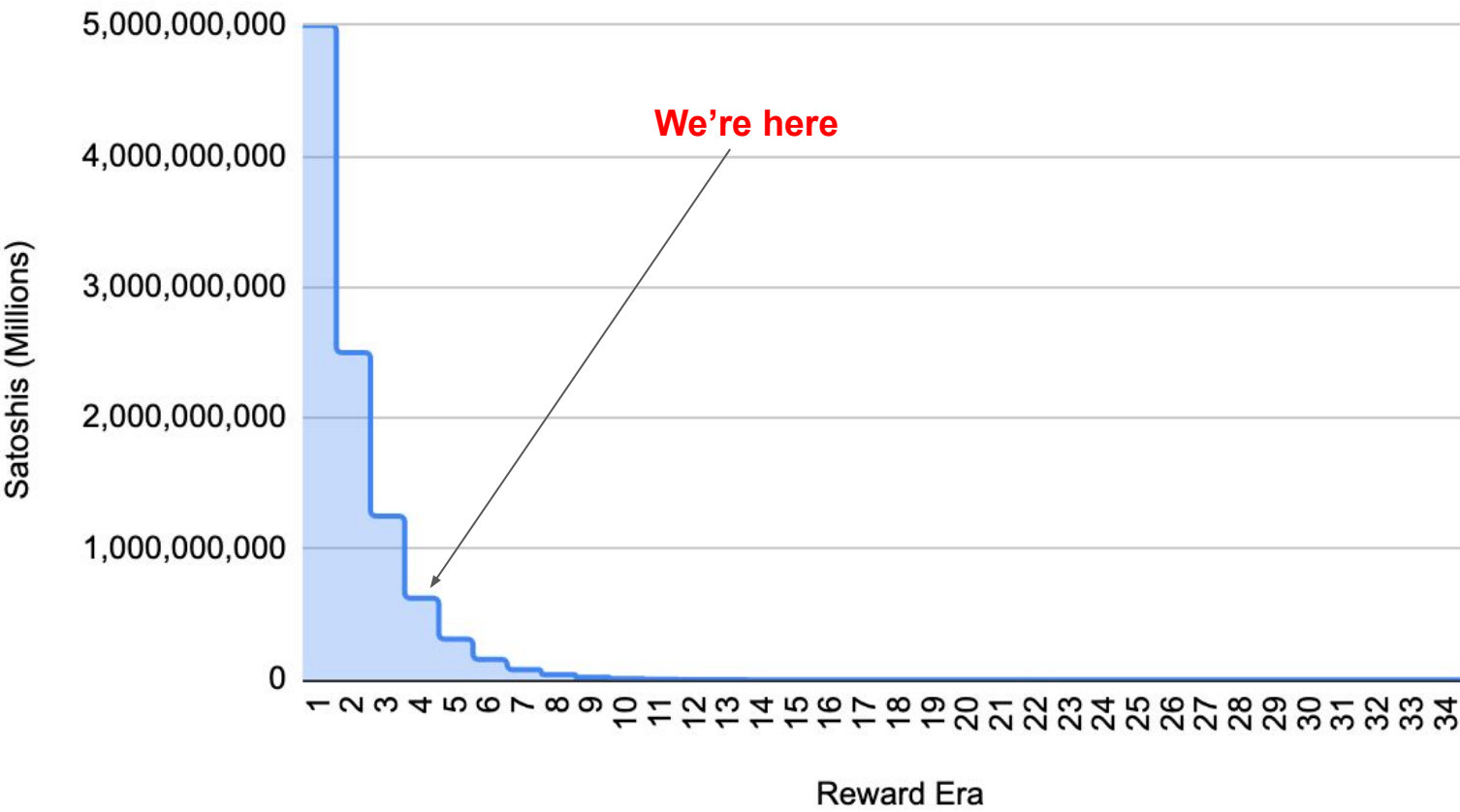
- Relative Block Reward Size
- To have our message be read, it needs to be retrieved. So the amount the retriever gets, should be relative to the block reward era, as that will determine its relative value.
- We will pay 50 million satoshis
- Previous reward era was 1 Satoshi per block.
- 50,000,000x the block reward.
- Our last reward era was 12.5 Bitcoin per block.
- This would be like rewarding 500,000,000 new bitcoins into the energy protocol out of no-where.



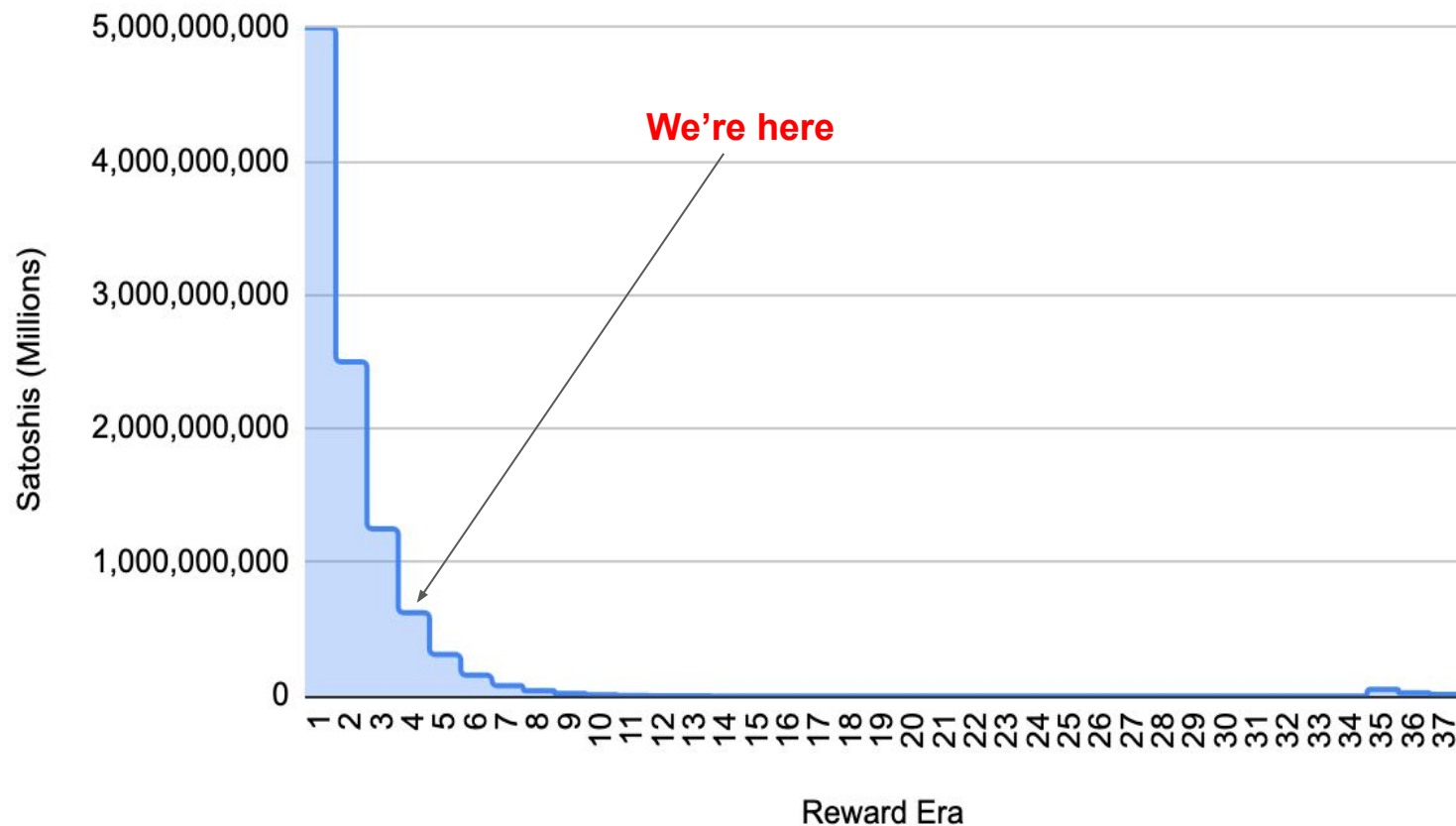
Satoshis (Millions) vs Reward Era



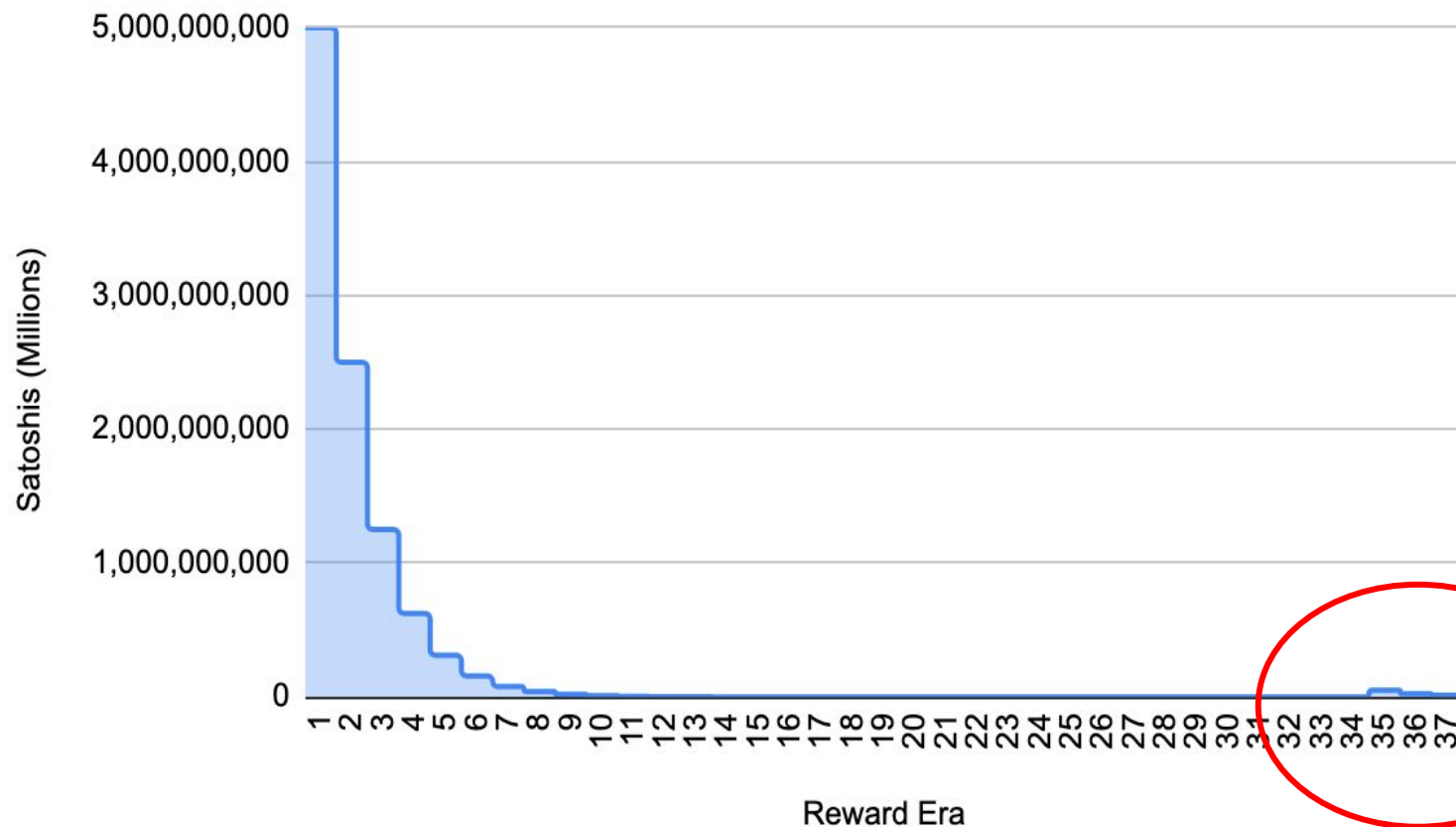
Satoshis (Millions) vs Reward Era



Satoshis (Millions) vs Reward Era



Satoshis (Millions) vs Reward Era

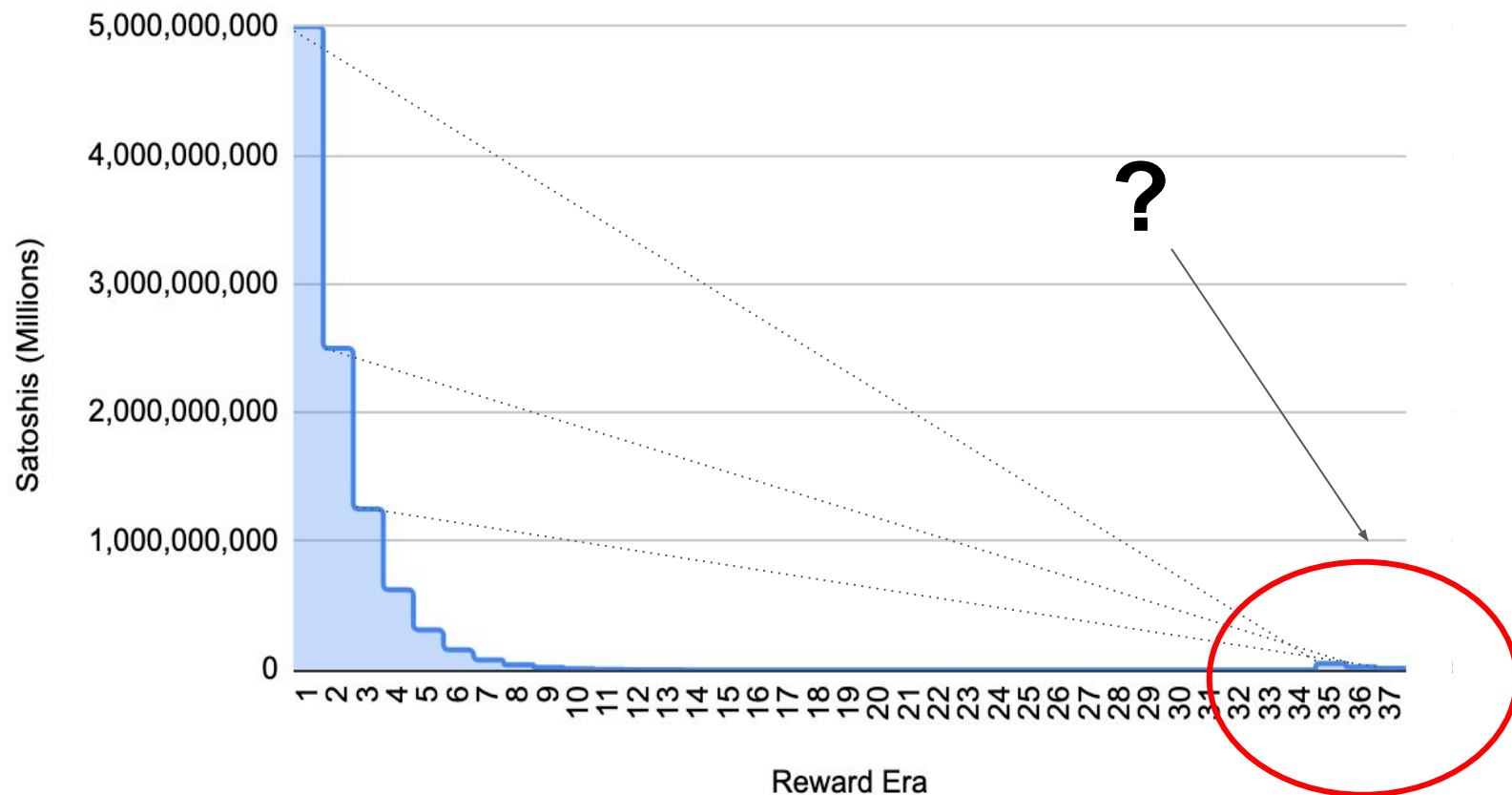


Wait a second... There's no block reward then... The system is immutable, and it's not there in the reward schedule?

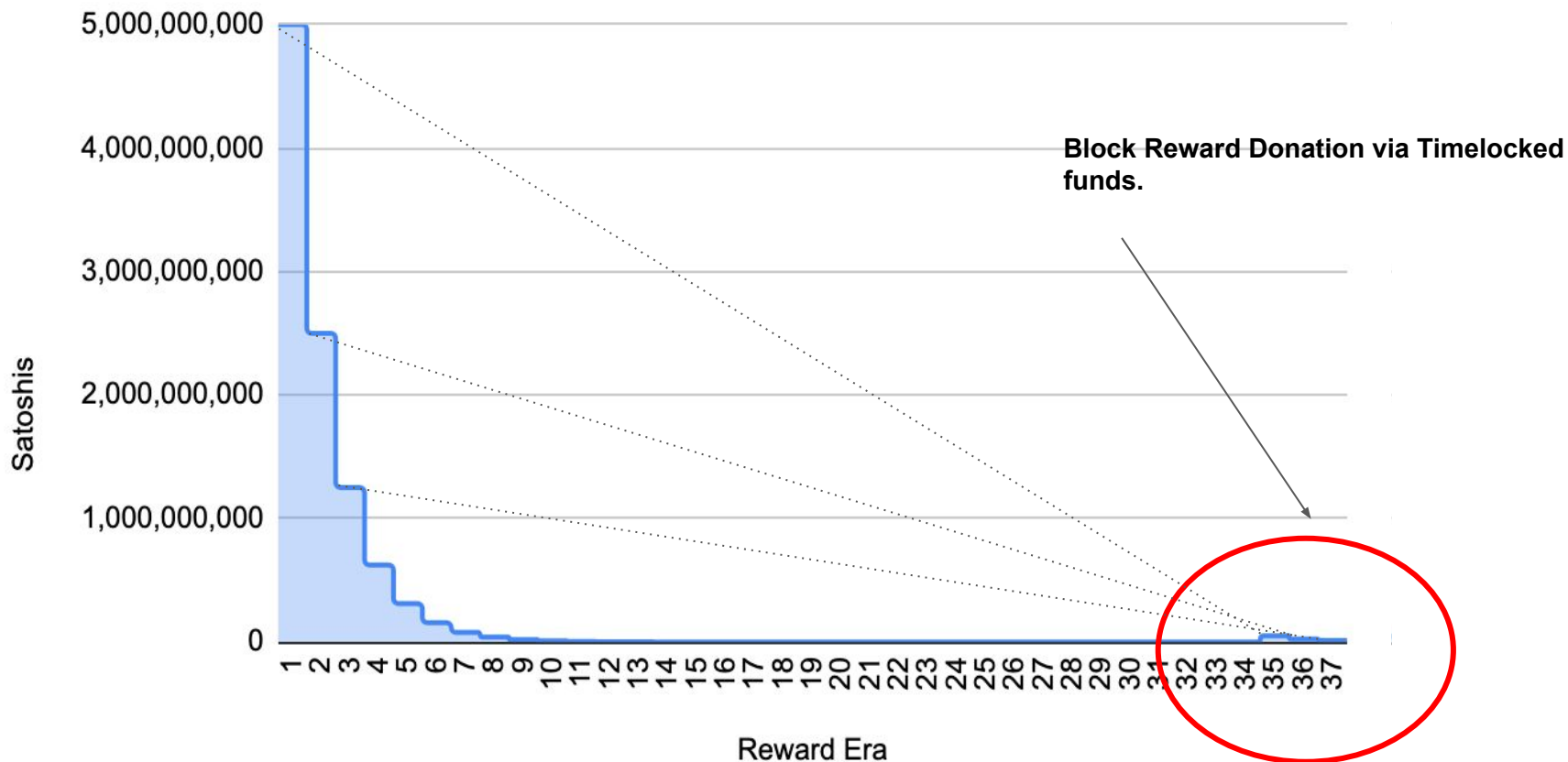
Excellent observation. It's not there in the reward schedule.

But we need to recreate the reward schedule

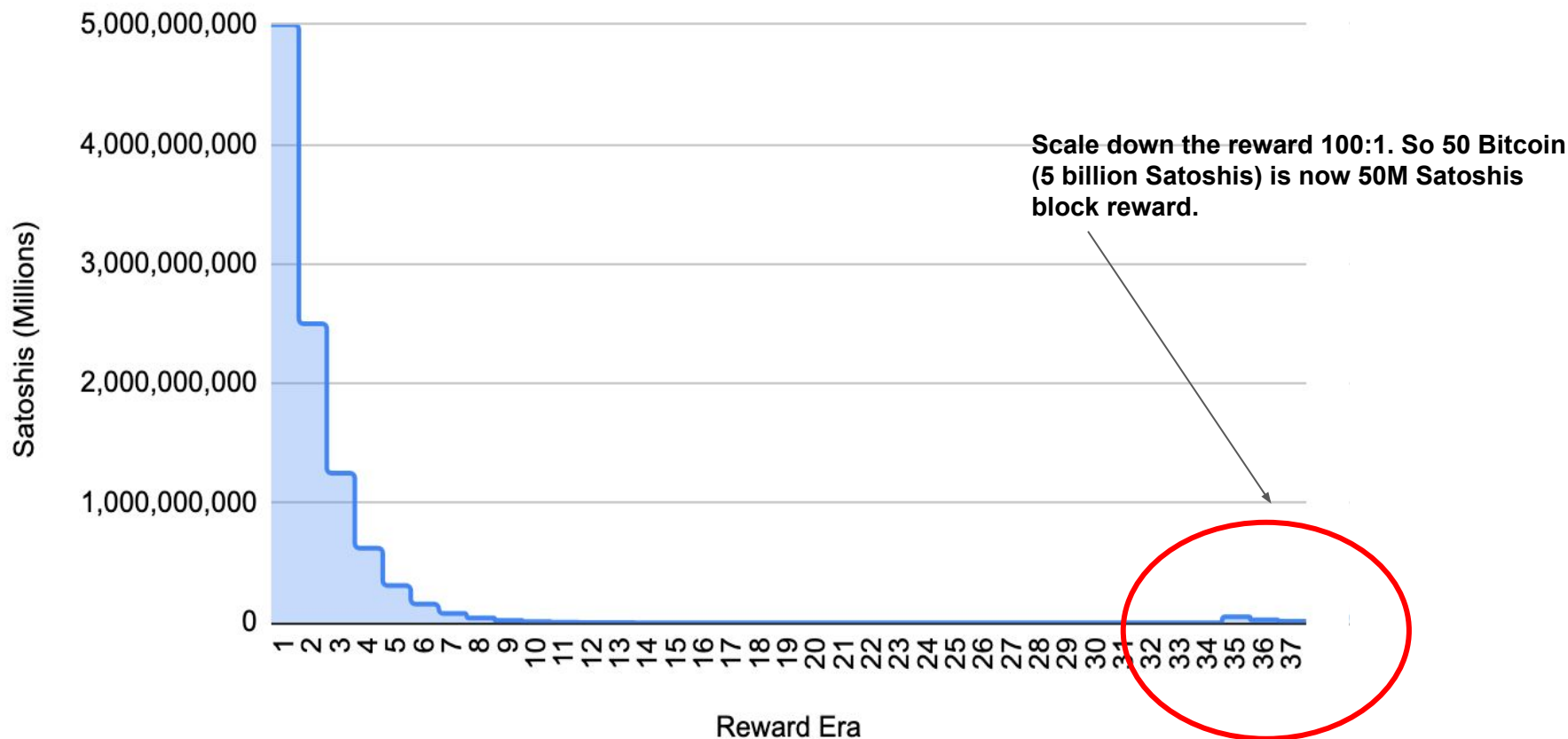
Satoshis (Millions) vs Reward Era

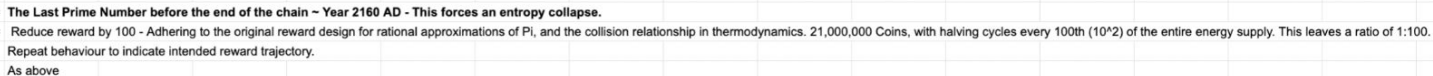


Satoshis (Millions) vs Reward Era



Satoshis (Millions) vs Reward Era

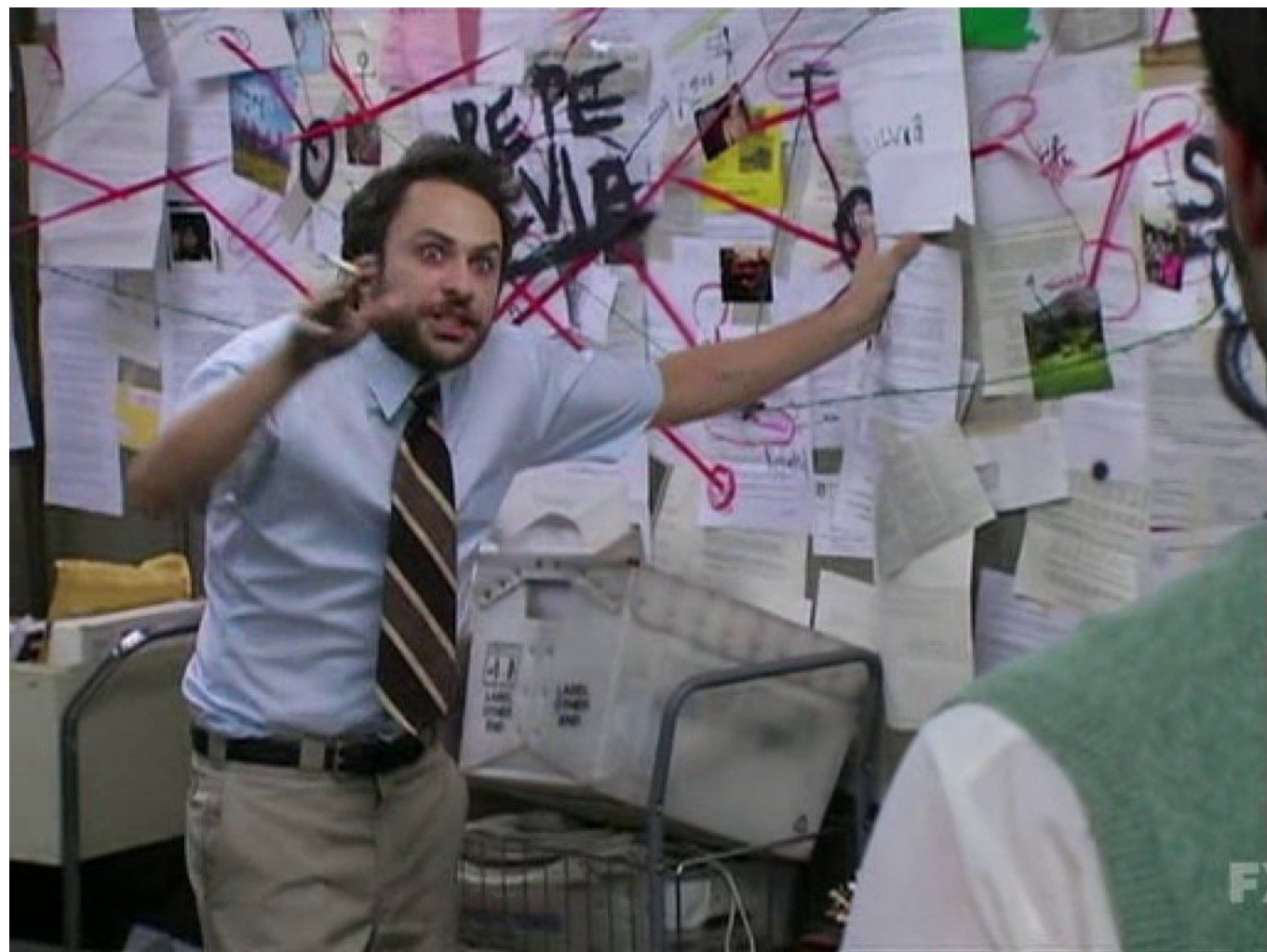


An abstract graphic of a knot, possibly a trefoil knot, rendered with a vibrant rainbow color gradient. The knot is composed of several intertwined loops, with colors transitioning from blue and green on the left, through yellow and orange in the center, to red and purple on the right. The surface of the knot is covered in fine, parallel lines, giving it a textured appearance. The overall shape is roughly spherical, with the knot's loops filling most of the space.

YOU MEAN TO TELL ME

**YOU ARE JUST DONATING YOUR
COINS INTO THE FUTURE, AND
GIVING THE PRIVATE KEY TO PEOPLE?**

How you imagine I look RN



How I actually look



Recapping What We Are Doing :)

- Wormhole a message to the future.
- We have the goal of it arriving around 2156 AD
- Readable by someone! Machine or Person :)
- **Worth** reading by someone. No point sending a message if it isn't worth reading.
- We're incentivizing the recipient with 50,000,000x the units of energy.
- We consider the block reward 1 unit of energy, which is represented by 1 Satoshi.

Ok, actually me IRL

Me:



Or



We are all Satoshi Nakamoto

