

1

00:00:00,000 --> 00:00:02,000

Incredible strength.

2

00:00:02,000 --> 00:00:04,300

You had the creation of a superhuman

3

00:00:04,300 --> 00:00:07,740

that was indestructible, invincible.

4

00:00:07,740 --> 00:00:10,000

Superior intelligence.

5

00:00:10,000 --> 00:00:14,000

The ultimate goal is to become an immortal God.

6

00:00:14,000 --> 00:00:17,500

And the ability to reproduce.

7

00:00:17,500 --> 00:00:20,000

You have a robotic consciousness

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00:00:20,000 --> 00:00:24,000

that has become something we would think of as a person.

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00:00:24,000 --> 00:00:28,000

But is this obsession with creating counterfeit humans

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00:00:28,000 --> 00:00:31,000

really pointing the way to mankind's future?

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00:00:31,000 --> 00:00:33,000

Or to its past,

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00:00:33,000 --> 00:00:37,000

another civilization has done the same thing

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00:00:37,000 --> 00:00:40,000

hundreds of thousands of years before us.

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00:00:40,000 --> 00:00:42,000

We may be living in a universe

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00:00:42,000 --> 00:00:44,000

where the real intelligence is out there.

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00:00:44,000 --> 00:00:46,000

Are robots.

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00:00:46,000 --> 00:00:49,000

Since the dawn of civilization,

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00:00:49,000 --> 00:00:52,000

mankind has credited its origins

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00:00:52,000 --> 00:00:56,000

to gods and other visitors from the stars.

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00:00:56,000 --> 00:00:59,000

What if it were true?

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00:00:59,000 --> 00:01:04,000

Did extraterrestrial beings really help to shape our history?

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00:01:04,000 --> 00:01:06,000

And if so,

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00:01:06,000 --> 00:01:11,000

could there be a connection between aliens and robots?

24

00:01:26,000 --> 00:01:32,000

MUSIC

25

00:01:32,000 --> 00:01:40,000

MUSIC

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00:01:40,000 --> 00:01:43,000

MUSIC

27

00:01:43,000 --> 00:01:47,000

Kansai Science City, Japan.

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00:01:47,000 --> 00:01:51,000

At the Advanced Telecommunications Research Institute,

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00:01:51,000 --> 00:01:54,000

Dr. Hiroshi Ishiguro and his team

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00:01:54,000 --> 00:01:57,000

are developing a series of robots,

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00:01:57,000 --> 00:02:00,000

artificial humans that are incredibly lifelike,

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00:02:00,000 --> 00:02:04,000

both in their appearance and in their facial gestures.

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00:02:04,000 --> 00:02:06,000

When we are sitting, we never stop.

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00:02:06,000 --> 00:02:10,000

Our eyes and head and the body is slightly moving.

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00:02:10,000 --> 00:02:13,000

So we have developed a mechanism to mimic

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00:02:13,000 --> 00:02:16,000

that kind of human life, a subconscious movement.

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00:02:16,000 --> 00:02:19,000

MUSIC

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00:02:19,000 --> 00:02:22,000

This robot, part of the Geminoid series,

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00:02:22,000 --> 00:02:26,000

is designed to look identical to its maker.

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00:02:26,000 --> 00:02:29,000

But what separates it from other robots of its type

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00:02:29,000 --> 00:02:32,000

is the number of miniature motors called actuators

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00:02:32,000 --> 00:02:36,000

used to mimic human expression.

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00:02:36,000 --> 00:02:38,000

While most use 10 to 12,

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00:02:38,000 --> 00:02:42,000

the latest Geminoids use over 50.

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00:02:42,000 --> 00:02:45,000

Inside the fetal skin,

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00:02:45,000 --> 00:02:48,000

this kind of the pneumatic actuator

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00:02:48,000 --> 00:02:51,000

are pulling or pushing the skin

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00:02:51,000 --> 00:02:54,000

so that we can make facial expression.

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00:02:54,000 --> 00:02:56,000

MUSIC

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00:02:56,000 --> 00:03:00,000

The robot is programmed to mimic as closely as possible.

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00:03:00,000 --> 00:03:04,000

The movements a human makes while at rest.

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00:03:04,000 --> 00:03:07,000

It responds spontaneously to being touched,

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00:03:07,000 --> 00:03:09,000

or when asked a question,

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00:03:09,000 --> 00:03:13,000

it can also be remotely operated.

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00:03:13,000 --> 00:03:17,000

When this robot is still operated,

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00:03:17,000 --> 00:03:20,000

the movement is copied to this robot.

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00:03:20,000 --> 00:03:23,000

Also, when the operator speaks something,

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00:03:23,000 --> 00:03:28,000

the system automatically analyzes what he is saying,

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00:03:28,000 --> 00:03:31,000

and automatically generates a movement.

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00:03:31,000 --> 00:03:36,000

I think the cafeteria closed too early.

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00:03:36,000 --> 00:03:37,000

Yeah, too early.

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00:03:37,000 --> 00:03:41,000

Yeah, it closed at 5.30.

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00:03:41,000 --> 00:03:43,000

MUSIC

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00:03:43,000 --> 00:03:46,000

While the Geminoid robots focus primarily

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00:03:46,000 --> 00:03:48,000

on replicating facial expression,

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00:03:48,000 --> 00:03:51,000

engineers at the University of Texas

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00:03:51,000 --> 00:03:53,000

Human-Centered Robotics Lab

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00:03:53,000 --> 00:03:56,000

have developed a robot named Dreamer

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00:03:56,000 --> 00:03:58,000

that can perform an equally impressive series

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00:03:58,000 --> 00:04:01,000

of sophisticated body movements.

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00:04:01,000 --> 00:04:04,000

We made Dreamer more human-like

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00:04:04,000 --> 00:04:07,000

through the futures and shapes

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00:04:07,000 --> 00:04:09,000

and dimensions of the human,

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00:04:09,000 --> 00:04:11,000

and at the same time, making the movements

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00:04:11,000 --> 00:04:13,000

much more human-like by understanding

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00:04:13,000 --> 00:04:15,000

and learning from the human.

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00:04:15,000 --> 00:04:18,000

So one thing that makes unique the movement of Dreamers

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00:04:18,000 --> 00:04:22,000

is what we call the whole-body control.

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00:04:22,000 --> 00:04:26,000

Although Dreamer's torso rests on a wheeled base,

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00:04:26,000 --> 00:04:29,000

a bipedal set of robotic legs

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00:04:29,000 --> 00:04:31,000

are currently being developed,

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00:04:31,000 --> 00:04:36,000

which will make Dreamer fully mobile within two years.

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00:04:36,000 --> 00:04:39,000

Ultimately, we want these machines to live a hundred years

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00:04:39,000 --> 00:04:44,000

and assist it without any supervision whatsoever.

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00:04:44,000 --> 00:04:48,000

By combining the lifelike characteristics of androids,

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00:04:48,000 --> 00:04:51,000

like those developed by Hiroshi Ishiguro

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00:04:51,000 --> 00:04:54,000

with the mobility of robots like Dreamer,

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00:04:54,000 --> 00:04:57,000

scientists believe we might soon see a time

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00:04:57,000 --> 00:05:00,000

when artificial humans will be virtually identical

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00:05:00,000 --> 00:05:03,000

to the real thing.

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00:05:03,000 --> 00:05:06,000

We are going to be able to actually create

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00:05:06,000 --> 00:05:09,000

very human-like robotic systems

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00:05:09,000 --> 00:05:11,000

to the point that they are nearly indistinguishable,

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00:05:11,000 --> 00:05:14,000

both in movement and in morphology.

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00:05:14,000 --> 00:05:16,000

If you look at something like the sort of entities

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00:05:16,000 --> 00:05:19,000

that were dealt with in the movie Blade Runner,

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00:05:19,000 --> 00:05:22,000

the kinds of Turing tests that were done there

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00:05:22,000 --> 00:05:24,000

to try to spot the androids,

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00:05:24,000 --> 00:05:26,000

I think that in principle,

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00:05:26,000 --> 00:05:29,000

we could have androids passing a sophisticated version

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00:05:29,000 --> 00:05:31,000

of the Turing test

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00:05:31,000 --> 00:05:34,000

that would force the machine to think reflectively

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00:05:34,000 --> 00:05:37,000

about its own consciousness, about its own past,

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00:05:37,000 --> 00:05:40,000

about its own feelings,

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00:05:40,000 --> 00:05:43,000

and I think that this should not be impossible to do,

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00:05:43,000 --> 00:05:47,000

and in which case we should count these beings as human.

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00:05:49,000 --> 00:05:51,000

In the 21st century,

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00:05:51,000 --> 00:05:54,000

robots are being programmed to do everything

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00:05:54,000 --> 00:05:58,000

from performing surgery to driving a car,

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00:05:58,000 --> 00:06:02,000

and humanoid robots are rapidly reaching a level of sophistication

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00:06:02,000 --> 00:06:06,000

that was thought to exist only in science fiction.

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00:06:06,000 --> 00:06:09,000

But what are the implications of creating robots

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00:06:09,000 --> 00:06:13,000

that are increasingly intelligent and independent?

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00:06:14,000 --> 00:06:16,000

In March of 2015,

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00:06:16,000 --> 00:06:20,000

Apple co-founder Steve Wozniak was quoted as saying,

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00:06:20,000 --> 00:06:23,000

computers are going to take over from humans.

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00:06:23,000 --> 00:06:26,000

The future is scary.

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00:06:27,000 --> 00:06:31,000

Even Stephen Hawking and Tesla Motors founder Elon Musk

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00:06:31,000 --> 00:06:34,000

have predicted that machines may soon surpass

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00:06:34,000 --> 00:06:37,000

and ultimately replace humans.

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00:06:39,000 --> 00:06:42,000

Many scientists and thinkers have postulated

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00:06:42,000 --> 00:06:46,000

that ultimately machines are going to take over the world.

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00:06:47,000 --> 00:06:51,000

Computers are getting faster and more powerful.

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00:06:51,000 --> 00:06:54,000

Ultimately, we will design machines

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00:06:54,000 --> 00:06:58,000

that themselves design even better machines.

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00:06:58,000 --> 00:07:02,000

If it gets smarter than us, we'd better watch out.

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00:07:03,000 --> 00:07:06,000

But while conventional scientists ponder whether or not

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00:07:06,000 --> 00:07:10,000

robots are destined to take over the Earth,

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00:07:10,000 --> 00:07:13,000

ancient astronaut theorists are asking themselves

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00:07:13,000 --> 00:07:16,000

quite a different question.

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00:07:16,000 --> 00:07:19,000

Did this all happen before?

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00:07:19,000 --> 00:07:23,000

Perhaps thousands of years ago.

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00:07:24,000 --> 00:07:26,000

Abydos, Egypt.

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00:07:26,000 --> 00:07:29,000

Seven miles west of the Nile.

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00:07:30,000 --> 00:07:33,000

Within this expensive archaeological site

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00:07:33,000 --> 00:07:36,000

lies the ruins of the Osiris Hall,

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00:07:36,000 --> 00:07:40,000

where thousands would gather to worship the God of the underworld.

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00:07:41,000 --> 00:07:44,000

In comparison to many of the gods,

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00:07:44,000 --> 00:07:48,000

Osiris was actually thought to have lived physically on Earth

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00:07:48,000 --> 00:07:51,000

as one of Egypt's pharaohs.

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00:07:52,000 --> 00:07:57,000

He is often depicted with a winged disc of the sun.

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00:07:58,000 --> 00:08:03,000

And while many scholars have suggested that this is nothing else,

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00:08:03,000 --> 00:08:06,000

but to worship the sun,

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00:08:06,000 --> 00:08:10,000

that sun, as far as the Egyptians were concerned,

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00:08:10,000 --> 00:08:13,000

also had wings and it descended from the sky.

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00:08:13,000 --> 00:08:17,000

So in my opinion, something else was depicted,

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00:08:17,000 --> 00:08:22,000

an extraterrestrial event that in fact took place in real life.

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00:08:23,000 --> 00:08:26,000

Although most ancient astronaut theorists believe

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00:08:26,000 --> 00:08:29,000

that the Egyptian gods were, in reality,

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00:08:29,000 --> 00:08:32,000

extraterrestrial visitors,

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00:08:32,000 --> 00:08:38,000

there are many who wonder if Osiris was even made of flesh and blood.

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00:08:40,000 --> 00:08:44,000

One of the most famous stories that go hand in hand with Osiris

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00:08:44,000 --> 00:08:49,000

was that he was dismembered by his jealous brother Seth.

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00:08:50,000 --> 00:08:55,000

Seth went into a fury and tore his brother's dead body to shreds,

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00:08:55,000 --> 00:08:59,000

tore it into 14 pieces, had it scattered far and wide all over the kingdom.

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00:09:00,000 --> 00:09:02,000

But Isis, the loyal wife,

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00:09:02,000 --> 00:09:07,000

searched far and wide and found the pieces and pulled it together.

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00:09:08,000 --> 00:09:12,000

Isis succeeded in resurrecting him.

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00:09:13,000 --> 00:09:16,000

Now, when I hear a story like that,

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00:09:16,000 --> 00:09:19,000

that a being is dismembered

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00:09:19,000 --> 00:09:22,000

and then somebody puts together those pieces

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00:09:22,000 --> 00:09:25,000

and then they're able to magically resurrect him,

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00:09:25,000 --> 00:09:27,000

I have to ask the question,

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00:09:27,000 --> 00:09:34,000

is it possible that Osiris was not some type of biological entity,

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00:09:34,000 --> 00:09:38,000

but perhaps he was some type of a machine or a robot?

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00:09:38,000 --> 00:09:42,000

For ancient astronaut theorists,

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00:09:42,000 --> 00:09:46,000

perhaps the strongest evidence that Osiris may have been a robot

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00:09:46,000 --> 00:09:50,000

can be found in the ancient pyramid texts,

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00:09:50,000 --> 00:09:54,000

which describe the symbol of the Jed Pillar as Osiris's spine.

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00:09:56,000 --> 00:10:00,000

Osiris in his resurrected form was portrayed as a pillar

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00:10:00,000 --> 00:10:04,000

that clearly resembles a modern-day Tesla coil.

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00:10:04,000 --> 00:10:08,000

The Jed Pillar was considered a power pillar.

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00:10:08,000 --> 00:10:10,000

In this one carving at Abidos,

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00:10:10,000 --> 00:10:16,000

it is as if Isis has her hand inserted into Osiris's back

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00:10:16,000 --> 00:10:22,000

and said perhaps it illustrates how she was manipulating Osiris.

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00:10:23,000 --> 00:10:26,000

Could it be that the story of Osiris

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00:10:26,000 --> 00:10:30,000

is something completely different than what we have found in the past?

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00:10:30,000 --> 00:10:34,000

Is it possible that our ancestors

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00:10:34,000 --> 00:10:40,000

encountered highly sophisticated extraterrestrial robots in the ancient past?

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00:10:42,000 --> 00:10:46,000

And if so, might there be some tangible evidence?

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00:10:46,000 --> 00:10:50,000

Ancient astronaut theorists say yes

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00:10:50,000 --> 00:10:53,000

and believe the evidence was true.

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00:10:53,000 --> 00:10:56,000

The evidence is not true.

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00:10:56,000 --> 00:10:59,000

Astronaut theorists say yes

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00:10:59,000 --> 00:11:04,000

and believe the evidence was recovered deep beneath the sea

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00:11:04,000 --> 00:11:08,000

and dates back more than 2,000 years.

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00:11:13,000 --> 00:11:17,000

The Aegean Sea, April 1900.

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00:11:18,000 --> 00:11:23,000

Just 230 feet off the coast of the small island of Antiqueterra.

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00:11:23,000 --> 00:11:26,000

Sponge divers discover an ancient shipwreck

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00:11:26,000 --> 00:11:29,000

150 feet beneath the surface.

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00:11:32,000 --> 00:11:37,000

Over the next two years, artifacts are recovered from the wreckage

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00:11:37,000 --> 00:11:42,000

and among them are the remains of a coral-encrusted metal box

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00:11:42,000 --> 00:11:45,000

that dates back to the 2nd century BC.

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00:11:46,000 --> 00:11:49,000

It is the oldest mechanical computer ever found,

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00:11:49,000 --> 00:11:54,000

predating artifacts of similar complexity by 1,500 years.

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00:11:56,000 --> 00:11:59,000

So you have this small little box

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00:11:59,000 --> 00:12:03,000

with dozens of cog wheels on the inside

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00:12:03,000 --> 00:12:07,000

and it has been determined that that analog computer

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00:12:07,000 --> 00:12:11,000

was used to predict astronomical events.

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00:12:12,000 --> 00:12:15,000

And so it was the first computer

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00:12:15,000 --> 00:12:19,000

that has ever been created by mankind.

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00:12:20,000 --> 00:12:23,000

The American scientists who were studying the Antiqueterra device

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00:12:23,000 --> 00:12:26,000

actually said that discovering the Antiqueterra device

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00:12:26,000 --> 00:12:30,000

was like finding a jet plane in the tomb of King Tut.

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00:12:32,000 --> 00:12:34,000

It was so amazing to them.

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00:12:34,000 --> 00:12:38,000

They had never, ever conceived

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00:12:38,000 --> 00:12:41,000

that the ancient Greeks at 200 BC

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00:12:41,000 --> 00:12:45,000

would have had the knowledge of mechanical devices like this.

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00:12:45,000 --> 00:12:49,000

That's completely changed the way we perceive ancient history.

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00:12:51,000 --> 00:12:54,000

While excavation teams have still not determined for certain

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00:12:54,000 --> 00:12:59,000

the origin of the ship on which the Antiqueterra mechanism was found,

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00:13:00,000 --> 00:13:03,000

the leading candidate is the island of Rhodes.

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00:13:04,000 --> 00:13:08,000

According to some contemporary accounts, Rhodes was once home

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00:13:08,000 --> 00:13:12,000

to what by today's standards would be considered high technology.

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00:13:14,000 --> 00:13:17,000

In the 5th century BC, the poet Pender wrote

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00:13:17,000 --> 00:13:21,000

that Rhodes was once adorned with statues that came to life

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00:13:21,000 --> 00:13:24,000

like living and moving creatures.

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00:13:26,000 --> 00:13:30,000

He wrote that they all of a sudden became alive.

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00:13:32,000 --> 00:13:34,000

And so the question then arises,

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00:13:34,000 --> 00:13:37,000

well, if you have a lifeless object first

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00:13:37,000 --> 00:13:41,000

and then all of a sudden somebody breathes life into something,

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00:13:41,000 --> 00:13:47,000

could it be that we have references to some type of machines?

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00:13:49,000 --> 00:13:52,000

Where did the people of Rhodes get the knowledge

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00:13:52,000 --> 00:13:58,000

of how to create these moving statues 2,500 years ago?

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00:13:59,000 --> 00:14:03,000

I believe that it is just what Pender said,

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00:14:03,000 --> 00:14:05,000

which is they got it from the gods.

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00:14:05,000 --> 00:14:07,000

Well, who are these gods?

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00:14:07,000 --> 00:14:09,000

The gods are real people.

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00:14:09,000 --> 00:14:13,000

They're extraterrestrials who had this technology,

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00:14:13,000 --> 00:14:15,000

shared it with humanity.

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00:14:15,000 --> 00:14:18,000

And now when we see the Antiqueterra mechanism,

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00:14:18,000 --> 00:14:21,000

there's something you can put your hands on

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00:14:21,000 --> 00:14:25,000

that shows that they had the capability to do advanced machine work.

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00:14:25,000 --> 00:14:29,000

It's 1,500 years too early at least.

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00:14:30,000 --> 00:14:34,000

The point is that technology really exists

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00:14:34,000 --> 00:14:36,000

and from a technology like that,

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00:14:36,000 --> 00:14:39,000

going to robotics is not too much further

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00:14:39,000 --> 00:14:43,000

and extraterrestrials would very well have had that capability for the time.

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00:14:43,000 --> 00:14:47,000

If you believe what this legend says on face value.

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00:14:50,000 --> 00:14:53,000

Could the Antiqueterra mechanism be proof

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00:14:53,000 --> 00:14:57,000

that the ancient Greeks had technology far in advance

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00:14:57,000 --> 00:14:59,000

of the times in which they lived?

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00:15:00,000 --> 00:15:05,000

And might this be evidence that there really were functioning robots

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00:15:05,000 --> 00:15:07,000

on the island of Rhodes?

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00:15:08,000 --> 00:15:11,000

Ancient astronaut theorists say yes

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00:15:11,000 --> 00:15:15,000

and claim there is also evidence that advanced robots

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00:15:15,000 --> 00:15:21,000

existed 300 miles to the north on another Greek island, Lemnos.

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00:15:23,000 --> 00:15:26,000

Here lie the ruins of Hephaistia,

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00:15:26,000 --> 00:15:29,000

one of the most important cities in Greece.

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00:15:30,000 --> 00:15:34,000

It is named for the Greek god of metallurgy, Hephaistus,

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00:15:34,000 --> 00:15:37,000

who was said to have fallen here from the sky

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00:15:37,000 --> 00:15:41,000

and actually existed on Earth alongside humans.

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00:15:41,000 --> 00:15:46,000

He's described in his workshop as being surrounded by automated robots.

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00:15:46,000 --> 00:15:51,000

He flips on machines and they bustle around

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00:15:51,000 --> 00:15:55,000

doing all the sort of the hard busy work for him.

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00:15:55,000 --> 00:16:01,000

One of Hephaistus' most famous and amazing creations was Talos,

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00:16:01,000 --> 00:16:06,000

a giant man made of bronze who protected the island of Crete.

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00:16:07,000 --> 00:16:12,000

Talos was able to observe all of the ships approaching Crete

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00:16:12,000 --> 00:16:15,000

and curl stones at those ships.

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00:16:16,000 --> 00:16:19,000

And he was able to release this heat

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00:16:19,000 --> 00:16:24,000

and thus incinerating any boat or anything that would come close to him.

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00:16:26,000 --> 00:16:32,000

So is it possible that Talos was some type of a machine or a robot?

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00:16:38,000 --> 00:16:42,000

Greece isn't the only place where ancient stories can be found

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about inanimate objects that appear to come to life.

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The Jewish Talmud describes a clay figure called the Golem

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that could be brought to life by inserting a spell into its mouth.

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In India, an ancient Sanskrit text called the Lokaponadi

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tells of spirit movement machines as far back as the 5th century BC.

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And the Chinese text, the Lietzoo,

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describes a humanoid robot being presented to King Mu as far back as 3,000 years ago.

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There are stories from many cultures,

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from all over the planet of people who have either created other humans

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or machines that were very much like humans.

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But if sophisticated robots really did exist in the ancient world,

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what function did they serve? Who built them?

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And perhaps, more importantly, what happened to them?

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On March 24, 2015, the Mars rover called Opportunity

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reaches the west rim of the 14-mile wide Endeavour crater.

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It is searching for minerals and other evidence that might prove that life once existed here.

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It is one of several remote-controlled robots

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that for more than a decade have provided NASA with invaluable information

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about our closest alien planet.

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When NASA successfully controlled robots over, you know, crazy distances,

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they would execute the plan here on the ground

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and they would upload those instructions to the robot on Mars.

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Another NASA robot, the humanoid Robonaut 2,

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works on the International Space Station.

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And in development is the so-called Super Robot, Valkyrie,

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which is designed to set up habitats and pave the way for humans on other planets.

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When humans go out into space, it's very difficult and dangerous and time-consuming.

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It's far easier to send robots, and if that's what we do,

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00:18:58,000 --> 00:19:02,000

that's sure as heck what extraterrestrials are going to be doing.

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But just as we're employing robots today to gather information and minimize risk to human life,

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could similar cybernetic technologies have existed in the ancient past?

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Could stories like that of Osiris, Tullus and the Golem be true?

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Ancient astronaut theorists say yes and believe that the proof

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can not only be found in the past, but right here in the present.

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Norway, November 2014.

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Scientists from the University of Oslo work on a new breakthrough in robotics,

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creating robots that are able to adapt and continue functioning,

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even after losing a limb.

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The robots also know how to create new limbs with the use of a 3D printer and reapply them,

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effectively repairing themselves without the aid of a human being.

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This new technology is the first step in achieving what Hungarian scientist John von Neumann envisioned back in the 1940s.

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Self-replicating robots.

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John von Neumann was a mathematician that had an idea about self-replicating machines,

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where you send out a seed machine and that machine will seek out raw materials to construct a copy of itself,

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and then that will then send that machine out to replicate itself.

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So one become two, two become four, and eventually these things would be able to explore the entire cosmos.

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Now one theory is that extraterrestrial civilizations would build space probes like that,

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and that would be the quickest way to explore the entire universe.

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The interesting question is going to be the extent to which part of that self-replication includes the memories and the learning

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that the first generation of robots engage with.

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So you'd want to make the robots as open to new experiences as we are,

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but at the same time be able also to pass on the experiences from any given generation to the next generation through self-replication.

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So I think that this could be a very important way in terms of space travel to go.

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I mean I think the more interesting question from the standpoint of ourselves as human beings

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is the extent to which we remain part of that process.

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Is it possible that we could create self-aware robots that are completely autonomous

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and send them off to explore the universe unassisted?

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And might these robots be able to self-replicate endlessly using materials found on distant planets?

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Ancient astronaut theorists propose that extraterrestrial beings may have already achieved this technology.

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It is entirely possible that an advanced civilization, and I'm saying far more advanced than we are on Earth,

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could actually develop this technology of self-replicating machines

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and then could send artificially intelligent robots out into space

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as sentinels that scan a much faster area than that civilization itself could go to with manned probes.

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It's something that probably is already very widely in use by a variety of extraterrestrial civilizations.

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The Bonne-Milman machines are an awesome idea that is reflected in ancient stories of extraterrestrials coming to Earth.

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In the ancient Egyptian tradition we learn of these formless light beings

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that emerged from what they describe as the island of the egg and create civilization.

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It suggests that they're utilizing some kind of self-replicating robot

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that has the ability to utilize genetic forms perhaps imported from the home planet

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that can then be manifested on a new planet, in our case Earth.

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Is it possible that evidence of self-replicating robots can be found in ancient historical and religious texts,

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such as those concerning ancient Egypt?

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And if so, is mankind today merely tapping into knowledge that was available on Earth thousands of years ago?

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Knowledge that might have been brought here by extraterrestrial space travelers?

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According to some ancient astronaut theorists,

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the concept that extraterrestrial life forms may have first visited the Earth as machines or robots

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is not only likely but logical and can even help to explain a series of alien encounters

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that have been reported as recently as the 20th century.

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Encounters with robot visitors that might otherwise be referred to as the Greys.

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May 9th, 2001, the National Press Club, Washington, D.C.

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During a media conference for the disclosure project,

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former Army Sergeant Clifford Stone makes a stunning announcement.

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He claims that for more than two decades, he was part of a top-secret military operations unit

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tasked with recovering extraterrestrial technology for the United States government.

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I was involved in situations where we actually did recoveries of crashed saucers

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for lack of better termed degrees thereof.

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There were bodies that were involved with some of these crashes that also somewhere alive.

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While we were doing all this, we were telling the American public there was nothing to it,

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00:25:26,000 --> 00:25:28,000

we were telling the world there was nothing to it.

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One of the things that Clifford Stone talked about was a program called Project Moondust.

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Now, Project Moondust was a legitimate military program and it was designed to recover things like Soviet space satellites.

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The small number of documents on Moondust that have surfaced through the Freedom Information Act

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talk about how it wasn't just Soviet spacecraft, it was also UFOs.

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It actually uses the term UFOs in the documents.

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According to Stone, he was the first to respond to 12 UFO crashes.

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But it wasn't until the day after the press conference, during a closed session with Stone and members of Congress,

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that he revealed something even more shocking about his first-hand accounts with alien entities.

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I met him the very next day on May 10th in the closed executive VIP summary briefing for members of Congress.

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One of the things that Sergeant Stone talked about was the nature of the so-called gray extraterrestrials.

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He said that there were some very strange biological anomalies about them

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that make them look almost as if they are some sort of biological robot.

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They seem to have very few, if any, organ systems in the body,

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and yet these beings appear to be able to walk around and think and function.

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00:27:04,000 --> 00:27:10,000

Sergeant Clifford Stone got so emotional about what he was talking about in front of these congressmen

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00:27:10,000 --> 00:27:15,000

that he literally broke down in tears and walked off the stage.

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I spent several different times with him at his home,

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00:27:22,000 --> 00:27:28,000

looking at documents and listening to him tell his own extraordinary experience

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of having some sort of an encounter with something that would fall in the category from his point of view,

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of being in the android or hybrid area.

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Is it possible that the so-called grays reported by alleged alien abductees

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are really robots being controlled from beyond our planet?

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In 2014, the online magazine Motherboard posted an article

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in which a handful of philosophers and astronomers speculated

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that the dominant life form in the cosmos is probably super-intelligent robots.

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And according to ancient astronaut theorists, the notion is not as far-fetched as it seems,

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especially when one considers that Hiroshi Ishigoro's Geminoid robots

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are designed to transmit a human presence from thousands of miles away.

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Similarly designed to operate from a remote distance is the Dreamer robot,

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created by the University of Texas and also NASA's latest robotic space traveler, Valkyrie.

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What we envision in the future is more of a supervised autonomy

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where you're giving the robot high-level instructions

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and the robot's autonomous enough to interpret those high-level instructions

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and then carry out a portion of its mission.

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If you have androids, something else with great intelligence

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00:29:05,000 --> 00:29:10,000

has to have made them to come here to work on this planet.

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But while some ancient astronaut theorists believe

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00:29:16,000 --> 00:29:22,000

the grays could be surrogates controlled by alien entities from far, far away,

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others suggest the truth is even more incredible.

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People often describe the grays as featureless, emotionless creatures.

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Could it be that they're all effectively from the same mold?

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Maybe they are von Neumann self-replicating machines themselves.

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The interesting thing about this theory is that people often say

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that the purpose of the abductions is to harvest genetic materials

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Well, if these grays are actually self-replicating robots,

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what they might be doing is actually getting genetic material from humans

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to construct more copies of themselves.

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When Clifford Stone made the statement that grey aliens might not be entirely biological entities,

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as part of his argument, he cited the fact that they have a cookie-cutter quality to them.

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Does his testimony suggest that the extraterrestrial entities that are visiting the Earth

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are not only part mechanical and synthetic, but also part biological?

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Or do they really represent alien creatures that are part machine and part human?

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Dr. Thomas Bolland files the first patent for inkjet 3D printing of viable cells.

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Already a multi-billion dollar industry, this process involves placing biological materials

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into modified ink cartridges and printing onto bio paper made of soy and collagen.

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What we see is little Petri dishes with a culture medium like agar in them,

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00:31:23,000 --> 00:31:29,000

and then you have a little nozzle that comes over and spray paints these little hexagons onto the agar,

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and within only a few minutes they start growing cells, and they become these brown spots,

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which are the beginnings of human livers.

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Dr. Bolland has some very interesting research looking at printing cell tissue.

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I think that opens up some very interesting ideas about how to bio-manufacture things.

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At some point it will have application in the field of robotics,

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especially as we start combining devices with the human body.

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Many believe this is the first step in constructing engineered human organs.

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Ultimately, the goal is to do the same for every other part of the human body.

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But there is a movement to go much further in merging biology with technology.

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It is called transhumanism.

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The ultimate goal of the transhumanists is to become an immortal god.

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And literally these people believe that they will merge with technology and become cyborgs.

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They believe that they will unlock the immortality anti-aging systems encoded into the human race,

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and that that will be the supposed final evolution of human beings as they ascend into godhood.

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Transhumanists generally acknowledge that human beings are the products of biological evolution,

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but we've now reached a stage in our development where there's an open question about where we should go.

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On one hand, our biological background could be taken as a kind of platform to go forward,

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manipulating genes in various ways, but on the other hand, we might think about ourselves merging more directly with silicon-based technologies.

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We see the rollout of these head-mounted displays like Google Glass, where people are now wearing a computer on their head.

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The Apple Watch now is a sort of merging man with machine, and instead of sitting down at a computer now, people are just wearing their computer.

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We see artificial hearts, we see pacemakers, these are sort of the early precursors to this transhumanist transformation.

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00:33:57,000 --> 00:34:04,000

There certainly is a merging between technology and biology, and we're experiencing it right now.

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Some experts believe that by the year 2050, scientists and engineers will have unlocked the secrets of immortality

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00:34:18,000 --> 00:34:25,000

through the production of artificial organs and silicon-based structures.

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Ancient astronaut theorists suggest that considering the fact that we are experimenting with transhumanism today,

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it is very possible a more advanced extraterrestrial race has already achieved similar technological advancements.

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A civilization millions of years older than us could have actually evolved much beyond the baby steps that we're taking right now.

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If we are doing this, is it possible that another civilization has done the same thing,

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but perhaps thousands, if not hundreds of thousands of years before us?

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00:35:06,000 --> 00:35:15,000

When we look at some of these ancient texts that we have, we're always talking about ancient astronauts that came to visit us.

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But what if we were visited by machines?

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And so the idea then arises, will we ourselves be able to become cyborgs?

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It's possible that other civilizations may have decided that they would be able to essentially live indefinitely this way.

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And the more that we look at the way in which technology and biology are fusing together,

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00:35:44,000 --> 00:35:51,000

the more that we can confront the notion that with the advancements of computer power,

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00:35:51,000 --> 00:35:56,000

we could have sentient beings that are significantly more advanced.

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Is it possible that extraterrestrials have not merely sent intelligent robots to Earth in their place,

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00:36:06,000 --> 00:36:12,000

but that they themselves have actually evolved beyond biological bodies?

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00:36:12,000 --> 00:36:18,000

And if so, what might this mean for the future of the human race?

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February 8th, 1957, Washington, D.C.

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00:36:31,000 --> 00:36:36,000

At Walter Reed General Hospital, Hungarian scientist John von Neumann,

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the man who came up with the idea for self-replicating robots, dies at the age of 53.

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At the time of his death, he was working on a manuscript titled *The Computer and the Brain*.

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At only 82 pages, the text was far from finished.

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But some have proposed that von Neumann was exploring the possibility of reproducing a human mind entirely on a computer.

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For transhumanists, this opens the door for what many consider one of the most radical innovations, mind uploading.

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Companies have actually built what are called neural interfaces where they have wired computers into people's brains.

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They believe that they can map the entire human brain and all of the data that's stored in it,

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00:37:31,000 --> 00:37:40,000

and then replicate it into an artificial, intelligent, silicone-based system where it can then be stored and essentially never die.

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Is it possible that an entirely non-biological being could have sentience?

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And if extraterrestrials have been visiting Earth for thousands of years,

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00:37:56,000 --> 00:38:01,000

might it be more likely that they are actually fully robotic beings?

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Biological entities may actually be a rarity in the cosmos.

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00:38:08,000 --> 00:38:17,000

We may be largely living in a universe where the real intelligence is out there and perhaps coming down here are robots.

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00:38:20,000 --> 00:38:28,000

There are some who believe that machines may have already achieved a level of intelligence vastly in excess of our own,

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and that they may be giving us a trail of breadcrumbs to help us rebuild the technology that would get us to become enough like them

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that we could eventually be merged into their society in some fashion.

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Could extraterrestrials who have been observing mankind for thousands of years

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00:38:51,000 --> 00:38:57,000

have led us to this point because they desire not just that we achieve advanced technology,

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00:38:57,000 --> 00:39:01,000

but that we actually become the technology?

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00:39:04,000 --> 00:39:10,000

And if humans are the creation of extraterrestrials, as ancient astronaut theorists suggest,

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00:39:12,000 --> 00:39:22,000

might they have initially created us as biological entities in order to limit our lifespan until we are ready to become like them?

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There are very interesting things about how similar to a machine the body is.

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If you injure certain parts of the brain, the body breaks down like a machine.

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00:39:33,000 --> 00:39:39,000

You can injure a tendon or a joint, and then that part of the machine doesn't function anymore.

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00:39:39,000 --> 00:39:47,000

So we have to look at the possibility that life is not necessarily what we've considered it to be.

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00:39:47,000 --> 00:39:52,000

There is a possibility that if we create computers with enough complexity,

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00:39:52,000 --> 00:39:58,000

that consciousness could actually breathe life into that inanimate substance,

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00:39:58,000 --> 00:40:04,000

and you have a robotic consciousness that has become something we would think of as a person.

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In ancient story, after ancient story, we see references of extraterrestrials seeking to influence the human body,

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to augment it, especially with technology.

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With today's transhuman movement, you have to ask,

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is this possibly part of an extraterrestrial agenda to influence humankind through the implantation of technology with the human body?

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And if so, what is the purpose? Is it to accelerate our abilities, or is it an effort to control humanity?

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Ultimately, time will tell the answer to those questions.

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Is it possible that otherworldly beings are leading mankind not only to evolve on Earth,

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but ultimately to a destiny of joining them in the stars as non-biological entities?

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And could it be that our increased reliance on computers, cell phones, the internet,

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and even synthetic body parts is part of a vast extraterrestrial plan?

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One that will see humans become more and more assimilated.

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Into the very technology we have grown so dependent upon.

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Perhaps mankind's destiny is not to have a close encounter with its ancestor,

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but with our future selves.

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And perhaps when that day comes, human beings, as we now know them,

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will be thought of as little more than obsolete operating systems.