

# ⚡ Are Superconductors Playing God?

**Excerpt:** Superconductors can expel magnetic fields and levitate

## MONEY MASTERY

GM and Happy Friday, friends! 😎

We're back with another insane edition of Money Mastery – the only place where you can master the mindset of a millionaire. Today we are blasting right through this issue with the latest on South Korea's superconductor discovery. Also, you won't believe what happens when AI is merged with video games. It's so good, it's almost scary 🤖 And of course, we can't forget the fed rates, can we?

Let's get the drum rolling 🥁

### MONEY MASTERY BRIEF

- Room-temperature superconductor discovered
- Fed raises rates by 25 bps
- AI revolutionizing video games
- Q2 GDP Report

# Are superconductors the next frontier for humankind?

It looks like South Korean researchers have just pulled off a mind-blowing discovery that can potentially change the game of life as we know it. They claim to discover an alleged room-temperature ambient-pressure superconductor, as reported by [IFLScience](#).

By the way, superconductors are materials that possess the unique ability to conduct electricity with virtually no resistance, setting them apart from traditional metal wires.

Unlike conventional superconductors that require extremely low temperatures to achieve their properties, the LK-99 is asserted to operate under everyday conditions.

Basically, the resistance-less flow enables it to make a very strong magnetic field without heating up or consuming enormous energy.

Ok, enough nerd talk.

## Why does this matter?

Well, various sectors stand to benefit from the practical realization of room-temperature superconductors. From magnets and motors to cables, levitation trains, power cables, quantum computing qubits, and THz antennas, the spectrum of potential use is vast.

This latest claim by South Korean scientists fuels ongoing discussions in the realm of superconductivity. If confirmed, the real-world applications of such a discovery could revolutionize numerous industries and lead to significant advancements in technology and innovation.

However ...experts are doubtful since the *“undoped material, lead apatite, isn’t a metal but rather a nonconducting mineral.”* Apparently, lead atoms are very heavy which may suppress vibrations and make it harder for electrons to pair.

If you’re itching to know more about this, you can read the official release paper [here](#).



## Interest rates did what?!

The numbers have rolled in, guys. The Federal Reserve just made their decisive decision to raise interest rates by a quarter of a percentage point during its latest meeting on Wednesday.

This action comes as a response to the persistent inflationary pressures that continue to linger in the economy, and it now positions the U.S. central bank policy rate at its highest level in 16 years.

From the looks of it, things seem serious...

This recent hike actually marks the 11th increase in the past 12 meetings conducted by the Federal Reserve, outlining the seriousness with which they are addressing the inflationary challenges. Consequently, the benchmark overnight interest rate has been adjusted to fall within the range of 5.25% to 5.50%.

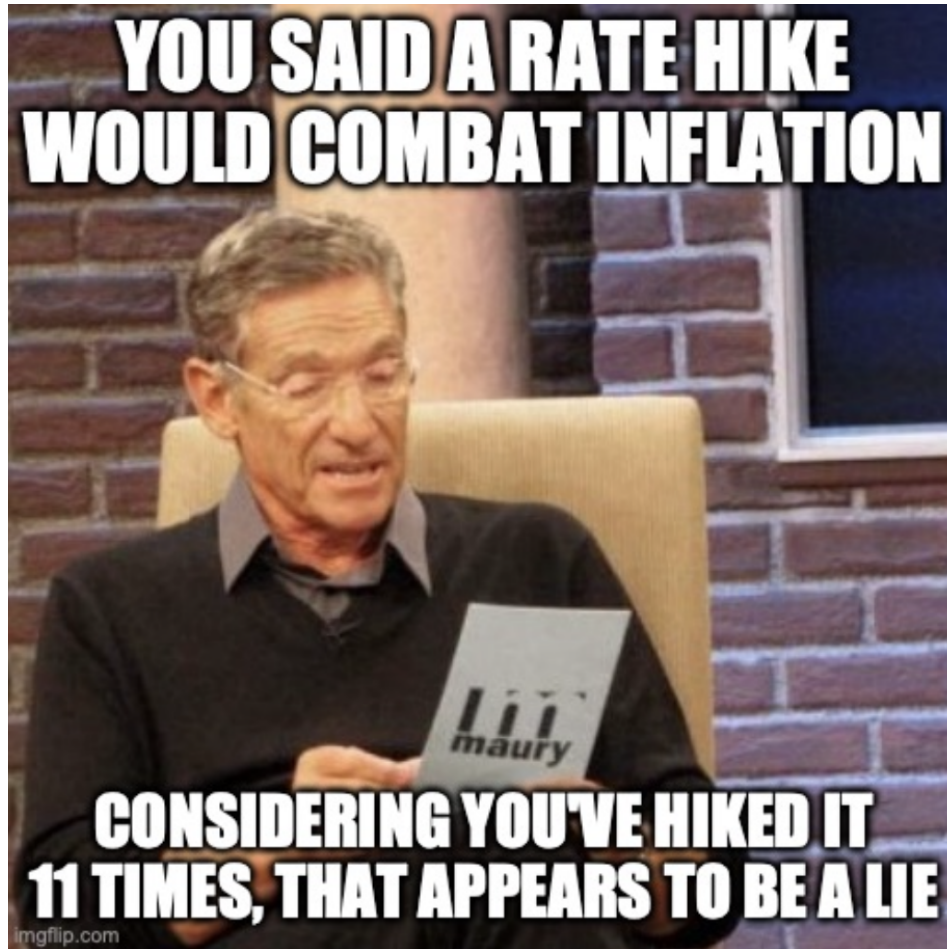
U.S. chief economist at RSM Joe Brusuelas says it's about time to allow the economy to absorb the impact of the past rate hikes, stating:

*“With the Fed’s latest rate increase of 25 basis points now in the books, we think that improvement in the underlying pace of inflation, cooler job creation and modest growth are creating the conditions where the Fed can effectively end its rate hike campaign.”*

This is, indeed, the highest rate hike we are seeing in more than 22 years. No doubt, as the global economy continues to face uncertainties, the Federal Reserve's handling of interest rates remains pivotal in shaping our monetary future.

**Didn't feel like reading? Here's what you need to know:**

- The decision to raise interest rates by 25 bps was unanimous
- Rates are currently sitting at 5.25%-5.50% (the highest in 22 years)
- It's possible that the Fed will raise rates again in the upcoming months
- As of now, the FOMC no longer forecasts a recession...*\*breathe in, breathe out\**



## **AI-powered NPCs to rule the video game sector**

Replica Studios, a leading developer in artificial intelligence voice platforms for video games, has recently made waves with the introduction of their latest innovation, the Replica Studios AI-Powered Smart NPCs (non-playable characters).

This cutting-edge plugin is set to make its debut on Unreal Engine later this year, promising to revolutionize the gaming landscape.

Players can now engage in dynamic emotive conversations with NPCs that respond in real-time, blurring the lines between gaming and reality. As players delve into gaming universes brought to

life by these responsive characters, the potential for emotionally resonant experiences becomes that much more possible.

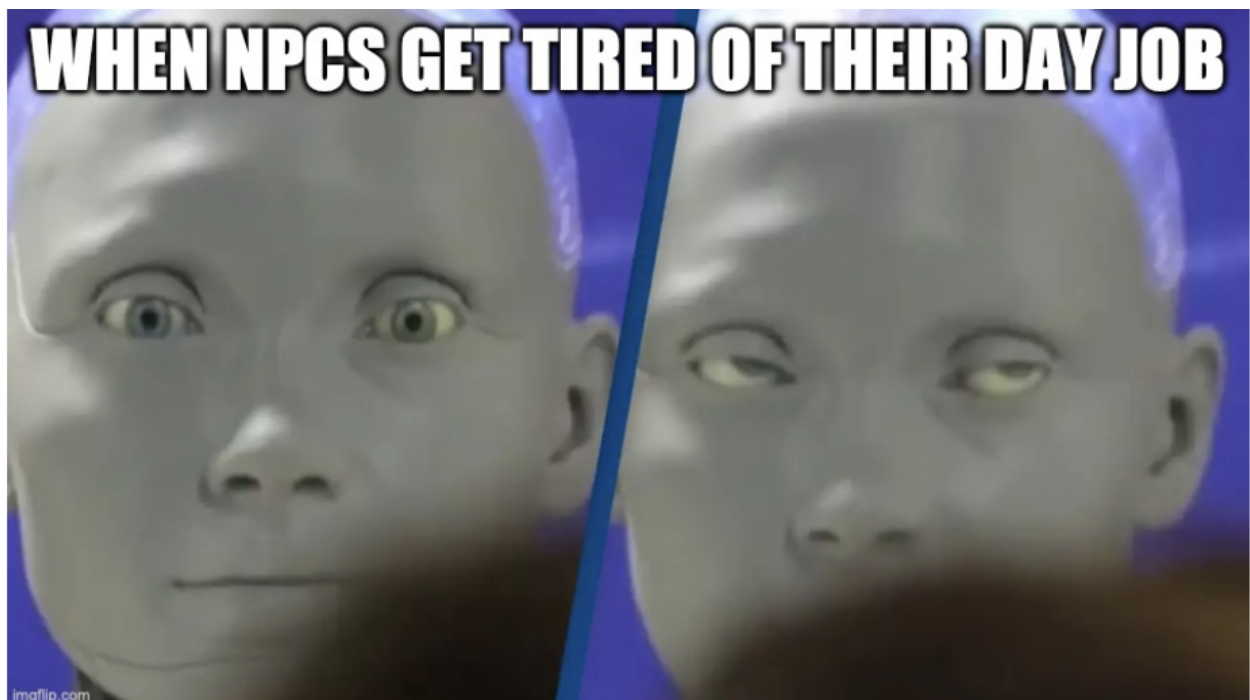
Here's what the AI NPCs can do:

- Respond to what the player says
- Change the emotional tone
- Use body gestures

Currently, the project is still in development:

*“Over the coming weeks we will monitor and improve the demo with update patches. We are working to improve latency, offer integrations to other LLMs, and offer plugins to every major game engine so that all game developers can use Replica Smart NPCs and leverage our unique, high quality and ethically licensed library of AI voice actors.”*

To get a sneak peek of this new gaming era unfolding, you can [watch it here](#).



## Quote of The Day

***“Not sure what subtle clues gave it way, but I like the letter X”***

– Elon Musk

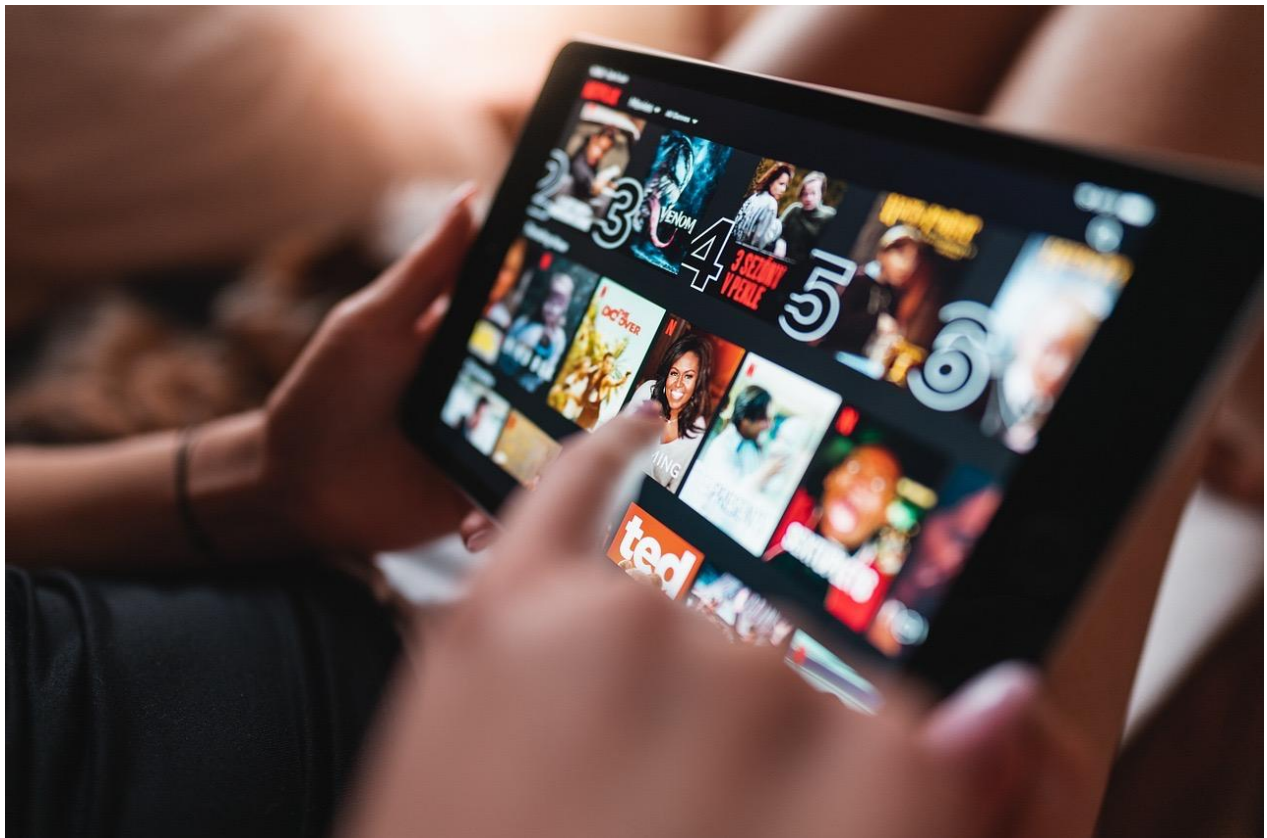


## The Big Number

Netflix and chill? 

\$900,000 — This is how much Netflix is offering to pay for AI jobs amid a historic industry-stopping strike as actors and writers fight against the use of AI in movie production. For the first time since 1969, the Writers Guild of America and other union strikes enter their fourth month, demanding better wages and regulations on studios' use of artificial intelligence.

In addition, actors are demanding protection against their images being scanned and manipulated by AI. Meanwhile, Netflix is posting a \$900,000-a-year AI product manager job and another whopping \$650,000 for its generative AI technical director role. OUCH 🤨



## Trending News 🔥 TLDR

**Meta Platforms (NASDAQ:META):** The company's revenue growth is finally recovering after its previous market blunder when \$251 billion was lost in one day. But hope is not all lost, because this time they're showing the markets what it really means to be a boss. Shares rose as much

as 8.8% to \$325 in premarket trading on Thursday after they claimed that ads would be the main driving force for this change. [Full story](#)

**Tesla (NASDAQ:TSLA):** Tesla has some rivals in town. Seven of the world's leading automakers have banded together to form a new network of EV chargers that is bound to cause Tesla fans to frown. The group includes General Motors, Stellantis, Hyundai, Kia, Honda, BMW and Mercedes-Benz. [Full story](#)

**Volkswagen (VOW.DE):** Volkswagen invests \$700 million in Chinese EV maker Xpeng just so they can boost a less-than-ideal growth sale. After buying nearly 5% of Xpeng, the company formed a partnership with promises to develop two new mid-sized VW-branded EVs for the Chinese market. The plan is expected to roll out in 2026. [Full story](#)

**Palantir (NYSE:PLTR):** Palantir has partnered up with J.D. Power with plans to develop generative AI and predictive analytics solutions. The goal is to facilitate new insights into the automobile industry. Since then, the PLTR stock rose more than 2%. [Full Story](#)

**Microsoft (NASDAQ:MSFT):** All eyes are on Microsoft as the European Commission slaps the company with a formal antitrust investigation into its Teams bundling. However, it was Slack that threw blows first back when it filed an anti-competitive complaint in 2020. Now, the EU plans to reopen Pandora's box with an in-depth scrutiny of Microsoft's dealings. [Full story](#)

**Intel (NASDAQ:INTC):** The chipmaker's shares experienced an impressive surge of over 7% in premarket trading. This resurrection comes following a revival in the personal-computer market, effectively propelling the company out of two consecutive quarters of unprecedented losses. [Full story](#)

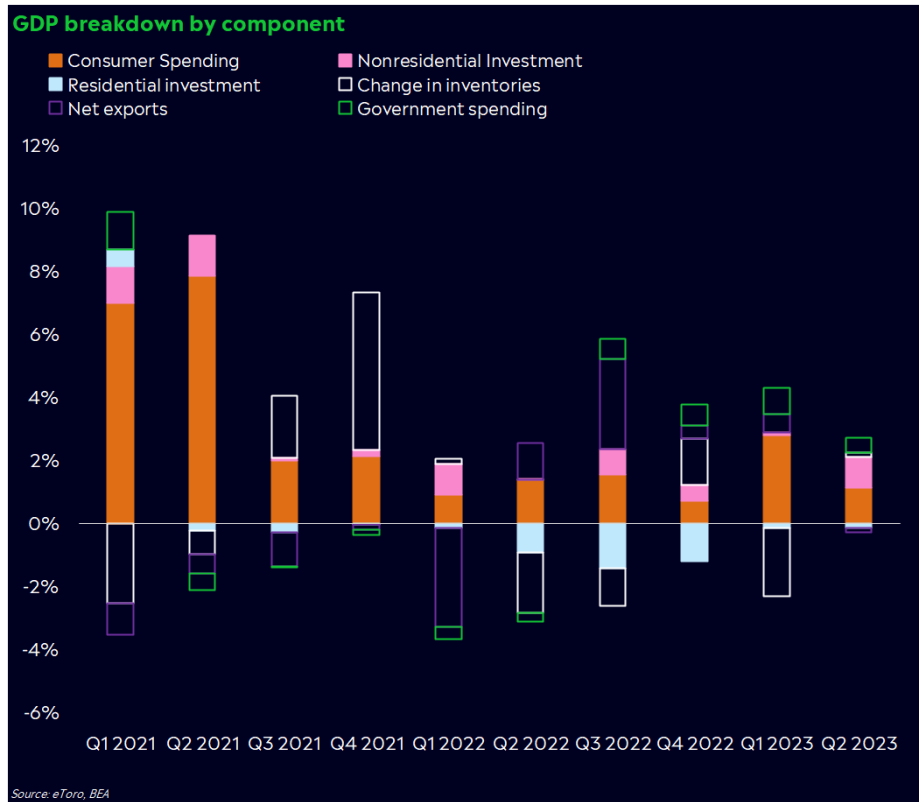
**OpenAI:** The leading herald in AI has launched its ChatGPT app for Android users globally, following a successful iOS rollout. This move puts OpenAI's "mobile footprint commitment" to the ultimate test. [Full story](#)

## Must See Chart

### THE Q2 GDP REPORT

Something to smile about this weekend. The GDP grew at a 2.4% pace in the second quarter, exceeding expectations despite recession anxieties. As shown in the chart, we can see consumer spending has dominated the solid quarter with business spending growing the most in six quarters. According to the department's personal consumption expenditures index,

consumer spending impressively surged by 1.6%, making up a substantial 68% of all economic activity during the quarter.




## Closing Thoughts

By now, you're probably one of those guys who thinks the world is going to be taken over by the bots. Could it be possible?

So far, the use of AI has greatly enabled more productivity which saves us time and not to mention, MONEY. In fact, most people don't even realize that many of their cherished apps are AI — apps we have been using for years. Now, we are just building upon those components and making it better.

But how far is too far?

What do you guys think of the sudden emergence of AI? Don't be shy! Reply to this email and let us know your thoughts 

**And with that, thank you for reading this issue of Money Mastery, enjoy your summer weekend! Rock on!   **