This is my primary document answering in detail every single question requested by the Copyright Office. Additionally, I have provided numerous citations and sources at the end of this document.

1. How AI is made, how it functions, why AI systems constitute as theft, and why the total eradication of AI in creative industries is necessary to ensure the survival of creative industries.
2. How and why AI works cannot and should not be eligible for copyright regardless of any amount of human involvement.
3. How AI contributes to energy shortages, water shortages, and the climate crisis.
4. Why Generative AI constitutes as a crime against humanity, including present use cases.

GENERAL QUESTIONS

1. There are no benefits surrounding Generative AI for anyone except for fascists, authoritarians, and billionaires. The current uses of Generative AI have destroyed the livelihoods and communities of artists, writers, musicians, and actors around the world and supplanted them by using their own work as a free replacement that competes with them. This is antithetical to the very existence of the Copyright Office, which was created with the purpose of protecting the creative works and livelihoods of artists, writers, musicians, and actors.

   With Generative AI, you can create exponential derivative works that plagiarizes any kind of artist, musician, writer, or actor you want, thus devaluing the entire creative industry and rendering copyright meaningless. You also run the risk of the complete and total erasure of human culture and society with Generative AI acting as a replacement, obfuscating human creativity under a sea of mass-produced derivatives.

   People simply cannot express themselves freely now because of AI. If you stand out from the crowd, AI companies and their userbase will steal your work, create an AI model that is fed copyrighted material, and use this model compete with you by producing forgeries to pass off fakes in the likeness of the original artist. This means that artists, musicians, and authors are now either stopping to create art out of fear of being targeted by AI users and AI companies, or having to hide their work and refusing to share it out of fear of being targeted by AI users and AI companies. The end result is less art, less culture, and a sterilized world devoid of the creativity that your office exists to protect in the first place.

   Because of the severity of the situation, the Copyright Office needs to take the most direct stance against AI works by refusing to provide copyright to all AI works regardless of human involvement. The Copyright Office must additionally treat AI works as a prosecutable offense under existing forgery, fraud, and copyright infringement laws. Should someone be found to lie to the Copyright Office to falsely obtain copyright for a work later to be discovered as an AI work, they should be prosecuted as well and disbarred from obtaining future copyrights for life.

2. Yes. AI generated works have cost me job opportunities, time, and money, in an attempt to combat the rampant theft that AI systems encourage and produce. There is no legal recourse

right now for any individual artist whose work was stolen and fed into AI systems, because AI systems are specifically designed to avoid accountability under the law as "black box" systems. This means it is almost impossible for creators to prove their work is stolen by AI companies and AI users, even when a creator's name and likeness has obviously been fed into an AI system by copyright infringers.

There is also the issue of the flood of AI-generated works. Not only do I believe the Copyright Office is completely incapable of monitoring or providing copyrights to the millions, if not billions, of "new" AI generated works being spammed every single day, the oversaturation of AI works has already begun to render copyright protection meaningless. In fact, the creators of the AI systems, "Stable Diffusion" and "Midjourney", have openly said in their private Discord server that their plan was to undermine the Copyright Office through a © exception for illegally training AI on copyrighted materials. In other words, they are laundering copyrighted materials with the intent of undermining the very existence of the Copyright Office.

3. Attached in Document 1A. I include citations to how AI works, the negative impacts it has on artists, and why there should be zero tolerance for any AI generated works.

4. Right now, Japan has a horrible policy called Article 30-4 that has been interpreted as providing free reign for people to steal people's copyrighted materials, throw them into an AI model, and produce infinite derivatives. Do not accept a similar law. Ensure that such a law never comes to fruition here in the United States. In contrast, China has passed laws banning unlabeled AI content, restrictions on using copyrighted material without permission, licensing, and restrictions on the types of outputs produced by AI. I believe the United States should go further and completely ban all forms of generative AI and make it illegal to profit from or sell AI generated works. Treat it the same as you would felony forgery.

5. Yes. Make it clear that AI works cannot be copyrighted regardless of how much human input is made. If a human painted over a copyrighted work, that would not be strong enough or eligible enough to warrant copyright protection. AI fundamentally lacks human authorship needed for copyright and is completely dependent on and derivative from the training data. This training data consists of stolen copyrighted works, and thus should not be subject to copyright protection. If you create legislation, you must make it clear that any amount of means, modes, forms, or methods of operation involving AI cannot and should never be copyrightable. Even if a work has a fraction of a percent of AI used, you must flat out reject copyright for it. No exceptions. The only works that are, can, and should be copyrightable are works done entirely by humans, with zero AI involvement.

TRAINING

6. For Generative AI models, the entire internet was used to train them. This includes copyrighted materials, private medical records, child pornography, ISIS beheadings, and various other illegal materials. If it exists on the internet, it was almost certainly stolen by AI companies and used as

training data. As an example, the criminal organization known as LAION stole copyrighted data from Common Crawl, a different criminal organization that steals copyright data from all over the internet on a regular basis. LAION would then take the copyrighted materials and use it to develop "LAION5B", a dataset of 5.8 billion images. They use either bots or some algorithm that regularly takes data from these sources and update the datasets accordingly. This data is then curated often through slave labor in third world countries in which AI companies pay pennies to human data taggers who then label the images into useful data for the AI. You can read all about how tech companies regularly do these kinds of unethical practices in some of the attached documents.

6.1. Common Crawl, which is a third-party criminal organization, is the primary source for tech companies to steal copyrighted material from. AI datasets are often just stolen works from all over the internet with no respect for licenses, permission, consent, or notification at all that a given work was used to train an AI system.

6.2. Copyrighted materials are 100% used every single time an AI system produces an image, text, video, or audio clip. The AI cannot function without use of these copyrighted materials, as it is incapable of creating new or original data on its own. All AI can do, and all it will ever be capable of, is blending preexisting works by using copyrighted material as weights when an AI image is being generated.

AI systems in a manner similar to a ZIP file on steroids, are able to compress billions of images into a lossy, but much smaller data file, that can then be used to launder those images. As part of the "training process", AI systems have to first copy these billions of stolen images before it can begin interpolating them. This is to obfuscate both the theft involved with these AI systems and to provide a lie to the public that these AI systems are capable of producing "original" works.

Licensing doesn't exist in any capacity with AI companies or AI users. As far as I know, not a single AI company or AI model exists that follows and respects copyright law. These people did not ask for permission to use copyrighted works, they did not offer any renumeration or compensation for the use of copyrighted works, and they do not listen to creators who do not want their copyrighted materials used for AI. I have seen firsthand many artists who are targeted specifically and have had AI models made by unscrupulous individuals using their work without consent, knowledge, or permission. Criminalize this unethical practice by constituting it as felony forgery, identity theft, fraud, impersonation, and unfair competition.

6.3. I have hardly seen any AI models trained solely on public domain works. The only one I know that I am aware of is called "Mitsua Diffusion". It is blatantly worse than copyright infringing models due to having less stolen images involved.

I am also opposed to any AI models trained on public works as well, for the sole reason that AI systems inherently exist to undermine creators. AI should not be used as a means of producing forgeries of past artists whose works exist in the public domain. That is not the intent of what

public domain was for. I believe AI models should be illegal. Permitting Generative AI to use public domain works is akin to erasing our history and culture.

I have no idea how much any training material is commissioned by or created by the developers of AI models. They are not artists themselves, and so they rely on theft in order to create unethical systems design to supplant and replace creators. I would like the Copyright Office to recommend Congress to criminalize and outlaw Generative AI altogether. Doing this will prevent IP market monopolization by large companies already in hold of a large amount of copyrighted material which they can use for privatized AI models that undermine and replace creators.

6.4. Yes. AI companies keep hold of the original training data indefinitely for as long as they like because Generative AI models deteriorate if they are trained on AI outputs. To update the AI model for any improvements, these AI companies need data created by humans. This is why AI models secretly tag AI outputs with metadata to avoid being scraped by Common Crawl and other bots used to steal human-made works, preferably copyright protected works. These AI companies also take advantage of massive data centers to store this information and update AI models accordingly.

7. I have cited papers and resources attached in Document 1A.

7.1. Generative AI models explicitly copy billions of images, namely copyrighted materials, before further refinement and training begins. This is of course copyright infringement. These AI systems cannot produce derivative outputs without being fed creator's copyrighted materials.

7.2. AI models compress this image data down from hundreds of gigabytes to about two gigabytes. AI models are also capable of reproducing this image data through "overfitting", which is when the AI model reproduces a near-exact copy of the training data image. This means that every single image used to train an AI model can appear at any time, and because there are more images in these AI models than human beings could possibly examine in several human lifetimes, it is possible that every single AI image is a copyright infringement.

7.3. It is not possible for any AI model to "unlearn" any material it is trained on. The only solution for this is to retrain the model from scratch, barring the desired material you wish to have the model unlearn.

No, it is not economically feasible to retrain an AI model. It costs hundreds of thousands of dollars in compute, electricity, and upwards of a billion gallons of water to cool the data centers needed to train the AI model a single time. This number is just for *text* AI generators. It skyrockets when accounting for the energy and water costs needed to create image and video AI generators.

In a world where we need to be addressing climate change and dwindling water supplies, AI models exasperate this issue tenfold. The second that a company is found to be training a

generative AI model, that company should not only be issued a court injunction barring them from AI use, they should be extensively fined and prosecuted for the misuse of water supplies.

7.4. It is not possible. There's a reason for this, and it is a deliberate one on the part of AI companies because they are trying to avoid the law at all costs. The second that AI companies openly provide a method that can shows you the original data used to generate an AI output, such as images, text, video, audio, the entire scam falls apart as you'll find that all AI realistically can do is plagiarize from its source data. This is why if an AI company says, "Here's our training data," you will find that they *must* lie about this information. If these companies admitted the truth, they would be found liable for copyright infringement on a scale capable of bankrupting their entire business.

8. Training AI models on copyrighted material does not and never will be considered fair use. I don't even need to cite any cases, AI models inherently violate all four clauses of fair use. The intent of fair use applies to *human* creators found to be infringing on copyrighted material, but done so in a manner for educational purposes or as a new means of creating a derivative work by human hand.

   Clause 1: Purpose and character of the use, including whether the use is of a commercial nature or is for nonprofit educational purposes. AI is designed to be commercial by default as a form of competition with the original copyright holder. This is a violation of Clause 1.

   Clause 2: Nature of the copyrighted work. This clause exists to highlight how a copyrighted work might be used in a new and creative way by a human. AI, which is not human, has no creativity or creative expression, thus violates Clause 2.

   Clause 3: Amount and substantiality of the portion used in relation to the copyrighted work as a whole.AI systems require copying billions of images of copyrighted material wholesale in order to function. This of course obviously violates Clause 3.

   Clause 4: Effect of the use upon the potential market for or value of the copyrighted work. AI exists to supplant, compete with, and replace the original copyright holders. It displaces sales of the original and causes substantial lasting harm to creators. AI will be in violation of Clause 4.

8.1 The purpose and character of the use of copyrighted materials to train AI is to exploit the original copyright owner and replace them in their own markets. This should be illegal. There is no relevant "use" to mention here because AI systems produce a one-sided exploitation of copyright owners. The different stages of AI training have no bearing on the fact that AI training always starts with copying billions of stolen works wholesale to replicate them for the purpose of creating a commercial product designed to undermine and replace copyright owners using the copyright owner's own work to do it.

8.2 Treat them as you would Napster or other piracy sites. They are distributing copyrighted materials, often for free, without permission, licensing, or respect for copyright law. This costs creators a great deal of lost time, money, and compensation for their hard work.

8.3 This is illegal and if it isn't, it should be made illegal. What do copyrighted works have to do with research anyway? What problems are being solved by using someone's copyrighted material? This should be a prosecutable offense for willful copyright infringement and does not and never should constitute as fair use.

8.4 AI models often require millions, if not billions, of samples of training materials to function. Just because the scale of theft here is the largest in human history does not make the theft any less infringing.

8.5 AI models exist to undermine and compete with copyright owners and creators, using stolen works to do so. The effect on the potential market is to snuff out copyright owners and creators altogether with anti-competitive means caused by these AI systems exploiting the works of others. The inquiry should on how Generative AI outputs harm the markets of the system that Generative AI has stolen from. i.e. Evaluate how AI images has already hurt, if not destroyed, the markets for many artists and photographers.

9. Yes, creators should have to affirmatively consent and opt-in for an AI company to be able to use any kind of copyrighted material owned by the creator. However, opt-in does not work. It is common practice among AI companies and AI users to regularly steal copyrighted material and upload it into their AI systems without the consent or knowledge of a creator. An AI company would consider this "opting in".

"Opt-Out" does not work either. It is impossible for any creator to manage every single website with every single plagiarizing AI to try to issue takedown notices, and even then, AI companies, AI websites, and AI users simply do not and will not respect such takedown notices. For all intents and purposes, "Opt-Out" is a joke and should not be taken seriously.

Instead of reducing the creativity and culture of human creators into mere inputs and training data, criminalize, outlaw, and ban Generative AI systems and prosecute accordingly.

9.1   Consent should be required for all uses of copyrighted material, regardless of whether it's used for AI or not and regardless of whether it is for commercial purposes or not. As an example, some people will regularly steal an artist's work and post it without providing a link or a source back to the artist or pass off another artist's work as their own with no attribution. I would like the Copyright Office to make the act of posting other's work without attribution or sources as a form of theft.

9.2   Opt-Out does not and never will work. There does not exist any methods or recourse that can resolve the issues caused by AI systems that exist solely to steal from and profit off copyrighted material.

9.3   Make Generative AI systems illegal. There is no way for any AI company to adequately license, attribute, receive consent from, or compensate creators.

9.4   A court injunction should be issued to the AI company, website, or AI user, if such an objection is not honored. These AI companies, organizations, and individuals do not respect or follow the law and should be reprimanded for their actions, and issuing a court injunction on their actions will prevent them from causing further harm.

9.5   Yes, human creators have the right to object to their work being used to train AI regardless of whether they have the copyright for it. How would such a system work? By making Generative AI systems completely illegal and criminalizing their use.

10. Creators must provide consent for their work as a requirement to train AI models, yes, but consent is not enough, nor is it economically feasible or viable to license work to AI companies. It is not feasible or logical for a creator to license their work to an AI company, because then that AI company can replace the creator by having AI produce exponential derivative works in their likeness. How can someone be compensated adequately for their entire career, let alone permitting and allowing the AI company to then invade and take over the rest of the creative industry?

   The other issue is that it is not viable for AI companies to follow or respect licenses due to the economic and environmental cost of having to train and re-train AI models. If an artist licenses their work to an AI company, but then later decides to stop having their work licensed for use in AI models, the entire AI model must be retrained from scratch as it is impossible to remove that data on a pre-trained model. Training AI models consumes massive amounts of potable water that is now undrinkable and huge swathes of energy and compute power. These costs add up to hundreds of thousands of dollars per training, as well as enormous carbon outputs.

   In other words, not only is it completely detrimental for a creator to license their work to AI companies, AI companies have no means of properly compensating creators or to respect licenses due to the enormous cost of managing, maintaining, and allowing AI models to respect copyright law or licenses, in addition to a massive carbon footprint, wasted potable fresh water, and enormous energy costs.

   10.1   No. No one wants Generative AI. It is not feasible or logical for a creator to license their work to an AI company, because then that AI company can replace the creator by having AI produce exponential derivative works in their likeness.

   10.2 No.

10.3 Yes and no. Yes, Congress should establish a licensing system, but one on which companies have permission to create and develop AI systems. With respect to the question here, there is no way for artists to "opt-out" of their work being trained on AI. AI companies regularly lie about their training data consisting of stolen copyrighted material and have no interest or intention of giving any of it up as it would reduce the effectiveness of their Generative AI systems.

"Opt-In" does not work either, as AI companies can just steal the work of other artists, which they are already doing, and use that as training data. Or someone unrelated to the AI company can steal an artist's entire portfolio, pretend to be that artist, and upload that portfolio into the Generative AI model. The AI company would consider that to be sufficient as an "Opt-In" and the artist would have no legal recourse to do anything about it with our current legal system.

This is why I am calling for the criminalization of Generative AI systems. They are inherently unethical, exploitative, and anti-human at their core.

10.4 No. Outlaw Generative AI systems.

10.5 Yes.

11. Make it illegal to train Generative AI models. It is impossible to obtain appropriate licensing, compensation, or respect for creators when they are dehumanized and their life's work turned into an algorithm for AI companies to profit from indefinitely.

12. Yes and no. Yes, because AI companies use artist's names and artist's works to achieve a somewhat similar result on an AI output, no because there's no way to verify which specific images or copyrighted material was used in the AI's output. This is another aspect of the data laundering approach of Generative AI models.

13. It would be impossible for any AI company to recreate their current systems if they had to pay to license every single piece of copyrighted material needed to create a Generative AI system. The cost would bankrupt even the largest companies in the world, which is why these AI companies stole copyrighted material from the entire world instead. It was cheaper to commit theft and copyright infringement this way because it was "free" for them to exploit through using a "nonprofit" as a front to provide them "free" copyrighted material that as a private company they would never have been allowed legal access to obtain.

14. The entirety of Generative AI systems rely on and exist to commit copyright infringement. Criminalize it.

TRANSPARENCY AND RECORDKEEPING

15. Yes, absolutely. AI developers should be required to disclose records on all materials they access, obtain, use, train on, fine-tune with, and the same standards must also apply to those involved in training datasets.

15.1 As much detail as possible. If an AI company uses an image, not only should they disclose that the image was used, but when the company took the image, what the image was used for, whether it was used in certain stages of the AI training process, how much influence the image has on the AI model, whether the company still has a copy of it in their datasets, etc. A copyright holder should know every single detail about how their work was used by AI companies.

15.2 To the public, but in addition to this, a notification should be sent clearly to the copyright holder themselves through as many platforms and means as possible that their work was used in an AI system so that the copyright holder can proceed to issue a takedown notice to the AI company for committing copyright infringement.

15.3 The developers of AI systems that use third-party models should be prosecuted for committing willful copyright infringement. As AI models do not have any means of disclosing what is in their datasets, an AI developer using one from a third party with no verifiably "clean" data is just a front for covering up data theft and copyright infringement.

15.4 The costs of managing such a recordkeeping system would reveal Generative AI to be the scam that it is, and would likely bankrupt the AI company due to the sheer scale of stolen works used by them. There is also the issue of the fact that AI models use more images than is physically possible to view over the course of several human lifetimes, so if an AI company did keep track of the data, provided records, etc, there would be no way for an individual creator to be able to find out whether or not an AI company was infringing on their copyright or not.

16. AI companies must disclose their training data and sources, and these AI companies must be legally ordered to inform copyright owners if their work has been used to train AI. Individual AI users must also disclose this information as well to copyright owners, as failure to do so should constitute as felony forgery.

17. In much the same manner as money laundering, AI companies launder data for their own personal profit. I would like to think that there are at least a dozen U.S. laws against the appropriation of intellectual property for personal profit.

COPYRIGHTABILITY

18. No, none, no. Generative AI systems are a slot machine of random stolen copyrighted materials. You can turn off the computer screen, walk out of the room, and the AI model can still generate images, text, or music. It would be absurd to provide copyright protection to work that the "author" had zero involvement in.

19. Yes. You should revise the Copyright Act that any use of AI makes an entire work completely ineligible for copyright and copyright protections. Any work that uses AI at all for any portion of it, even an "insubstantial amount", should make the entire work ineligible for copyright protection as AI works use copyrighted material wholesale.

If you provide AI with any copyright protection, it means that AI companies and AI users can steal copyrighted material for their own personal profit and obtain legal protections for it. This is obviously antithetical to the purpose of the Copyright Office, which is to protect creators and their works.

20. No. No. No. Computer code for Generative AI systems should not be copyrightable. Generative AI systems exist solely to undermine and bypass copyright protections and copyright law altogether. Instead of offering any kind of legal protections to Generative AI systems or the programming that enables Generative AI systems, criminalize it instead.

20.1 AI outputs and Generative AI systems should not be copyrightable or provided copyright at all. Do not offer any kind of legal protections for AI outputs or AI systems. Doing so undermines the Copyright Office's work and reason for existing.

21. No. AI systems undermine the progress of both science and the arts by mass-producing facsimiles, incorrect information, forgeries, and hurt both scientists and creators. Copyright is the exclusive right to human authors, not to humans laundering the work of human authors and passing off stolen goods as their own.

INFRINGEMENT

22. Yes. AI outputs exist to exploit creators and their rights, and take advantage of these rights to undermine copyright law. AI outputs cannot be compared to derivative works made by hand, such as a fan work, as AI outputs can produce exponential outputs that overshadow the original copyrighted material and outcompete the original author.

23. No. Unfortunately, even when it is "obvious" that an AI work violates the likeness and copyright of a specific artist, due to the method of data laundering used it is impossible to verify this as fact. I would recommend to courts and prosecutors that any and all AI use is an admission to criminal copyright infringement. This is because AI cannot function without the theft of the works of other creators.

24. They cannot, and that is one of many problems with these AI systems. These AI systems are explicitly designed to avoid the law and any kind of legal accountability. If a copyright owner confronts an AI company over the misuse of their work and likeness, the AI company will just lie about the datasets and will not provide proof that a work was stolen and used for their AI systems. I would recommend to courts and prosecutors that any and all AI use is an admission to

criminal copyright infringement. This is because AI cannot function without the theft of the works of other creators.

25. The developer should be held liable for copyright infringement if so much as a single copyrighted material is output by the AI model. However, I also believe that the AI user who output the infringing copyrighted material should also be held liable for copyright infringement. Without investigating of their own accord or with respect to copyright law, AI users more often than not willingly violate copyright law by using AI systems in the first place.

As an example, "Image to Image", or more commonly known as "i2i", is when an AI user takes a copyrighted image, runs it through the AI, and the AI changes the image just slightly enough to cover up the original source material. AI users then pass off this AI output as their own original copyrighted material. This should be a prosecutable offense on both the part of the AI user and the AI developer. The AI developer willingly created and distributed illegal software with the intent of violating the copyrights of creators. The AI user conspired with the AI company by using their illegal software to commit criminal activities.

25.1 No. "Open-Source" AIs are equally in violation of copyright law as "Closed-Source" AI models. I would go so far as to say that "Open-Source" AI models are far more dangerous as anyone can download a copy of an infringing model and then use that model to target specific creators. It is much more difficult to track and punish copyright infringers using "Open-Source" AI than it is to target specific AI companies withholding their "Closed-Source" AIs.

26. Treat it the same way you treat any other copyright violation, $250,000 and minimum 5 years of Federal Prison time per offense. AI systems inherently obfuscate infringement and profit off the works of creators while simultaneously competing with them in their own markets. For an AI company employee, this would mean a prison sentencing of several dozen lifetimes due to the sheer scale of theft involved with creating such unethical systems.

27. Make it illegal for any individual or company to create, develop, distribute, or invent any kind of Generative AI systems as they inherently cannot respect or follow both copyright law and fundamental human rights. Any Generative AI use is grounds for both an investigation and a court injunction for copyright infringement and to prevent further Generative AI use. AI developers should be prosecuted if they are found to be developing Generative AI systems, and AI users should be prosecuted for using Generative AI systems, under preexisting copyright violation laws.

LABELING OR IDENTIFICATION

28. Yes, AI images, text, video, etc. should all be required to be labeled as such in every single possible context imaginable. It should be a prosecutable offense to fail to disclose the use of AI. I

do think it's much easier to make AI illegal than to have the public deal with criminals obfuscating reality under AI generated propaganda and noise.

28.1 The onus of blame falls on both AI companies and AI users. AI companies should include clear watermarks on all AI outputs that can easily identify if something is AI generated and make it illegal to tamper with this watermark. AI users on the other end should clearly state that the text, images, video, and audio they distribute are AI generated.

28.2 Yes. There is no way to create an effective system of identification for AI outputs. Not only would you have to manage an unmanageable number of AI outputs, the AI models themselves can be updated to bypass any existing detection methods, thus they can outdate any attempt at a system for identification.

28.3 The penalty for failing to label any outputs by AI, or to deliberately remove any watermarks clearly stating an output as being AI generated, should be prosecution for forgery and falsification of documents.

29. There are no tools right now that can identify AI generated content, and if one is found to work, it can quickly be made irrelevant through improvements in the AI systems to avoid detection.

ADDITIONAL QUESTIONS ABOUT ISSUES RELATED TO COPYRIGHT

30. I believe that Generative AI systems fundamentally violate human rights, including our likeness, voice, creative works, and labor. However, the law right now is limited to protecting publicity rights of individuals in certain states. The law right now is ineffective at preventing AI companies and AI users from violating the human rights of others whose likeness is used in these AI systems. This is often done to produce deepfake pornography or other illegal material.

31. Yes, Congress should establish a Federal Right, which you can title as, "The Training Right", such that any person's work, likeness, biometrics, labor, or other aspects of that person cannot be used to train any form of AI without permission, consent, knowledge, and compensation. People have the right to not have their humanity trained on AI, even long after they die and their works exists in the public domain.

32. Yes, there should be protections against AI systems that generate outputs that imitate the styles of specific artists. Everyone should be protected from these kinds of AI systems as the default. Yes, this does require new legislation that criminalizes the development, distribution, and creation of Generative AI systems.

33. Yes, there should be additional protections for sound recordings against AI systems that imitate the voice and/or music of specific individuals. Everyone should be protected from these

kinds of AI systems as the default. Yes, this does require new legislation that criminalizes the development, distribution, and creation of Generative AI systems.

34. There is a good chance that several AI users have coordinated together to submit tons of spam comments generated via ChatGPT to the Copyright Office with the intent of undermining the ability of creators to speak freely on the AI issue.

There are almost no creators that I know of that want AI to continue existing after over a year of abuse, harassment, impersonation, fraud, scams, and even seeing and hearing about other creators committing suicide because of the AI issue. I want the Copyright Office to put an end to this AI problem as soon as it can by denying any and all copyrights to any works that involve AI at all, and requesting that Congress make Generative AI completely illegal in all forms regardless of formulas or methods used to produce systems capable of mass-producing fake images, text, video, audio, and music.

CITATIONS, PAPERS, AND SOURCES

AI Users/Companies saying insane or stupid things:

https://twitter.com/RedFren3/status/1676685864842280961
https://twitter.com/altechzilla/status/1655937910850588672
https://twitter.com/JohnnyKumarPHD/status/1680956364078690304
https://twitter.com/Slowbruh69/status/1711940826874417441
https://twitter.com/RealLokiScarlet/status/1710187984501313734
https://twitter.com/BreadActual/status/1687849761301282816
https://twitter.com/onevoice_1/status/1709577606985650297
https://twitter.com/emollick/status/1685717651262201856
https://twitter.com/cryptooooo/status/1708523759651467311
https://twitter.com/exillvs/status/1708596105024356843
https://twitter.com/sxlf_destrxct/status/1708593092272496735
https://twitter.com/_Freelander/status/1707893673529397364
https://twitter.com/ajdhdiaha/status/1703038601401925977
https://twitter.com/Waitandsee73/status/1700933785154437215
https://twitter.com/808Drift/status/1700598442727538974
https://twitter.com/TimSweeneyEpic/status/1698467070734700741
https://twitter.com/3_deame/status/1699766167513026835
https://twitter.com/3_deame/status/1699753109344436231
https://twitter.com/3_deame/status/1699748574995660873
https://twitter.com/111interactiveE/status/1698313020248568112
https://twitter.com/111interactiveE/status/1697935557421101229
https://twitter.com/Rufus87078959/status/1697994559047848107
https://twitter.com/DavidmComfort/status/1699081122263826510
https://twitter.com/NaveenManwani17/status/1698436963504996571
https://twitter.com/KenAkamatsu/status/1696888406217760834
https://twitter.com/kennyle31/status/1685790327091630080
https://twitter.com/merrillov3rturf/status/1697011754151117162
https://twitter.com/Salt3ekaki9/status/1696394382616956966
https://twitter.com/LovenLoverLover/status/1694578071196840092
https://twitter.com/polyphron/status/1694624215582888440
https://twitter.com/lilith34636/status/1694145786408276026
https://twitter.com/fchollet/status/1561882313293643778
https://twitter.com/Devilcorpsdoc/status/1685677995392917505
https://twitter.com/haru_17019456/status/1693199167248892329
https://twitter.com/bluesunbro/status/1690988982711025664
https://twitter.com/veryveryslightt/status/1691093340014661633
https://twitter.com/JoannotFovea/status/1690882224592125953
https://twitter.com/AISafetyMemes/status/1681650938715439106?s=20
https://twitter.com/AlecStapp/status/1667174652664315907
https://twitter.com/bstcOLRwldike/status/1684070244338520064?s=20

https://twitter.com/_G_r_a_n_d_m_a_/status/1675142735991394304
https://twitter.com/felixchin1/status/1681582623208927233
https://twitter.com/paulg/status/1689874390442561536
https://twitter.com/236Uranium/status/1682388894011252736
https://twitter.com/ylecun/status/1689999496720121856
https://twitter.com/ylecun/status/1689547224630386688
https://twitter.com/AISafetyMemes/status/1685760573676417024
https://twitter.com/MrsDoubtwater/status/1690000780374265858
https://twitter.com/Minus3Stdev/status/1687498434121699328
https://twitter.com/Minus3Stdev/status/1687495556208476161
https://twitter.com/ecutruin/status/1689302875787210752
https://twitter.com/Mathhammered/status/1688177914339041280
https://twitter.com/sadegh_pouriyan/status/1689199748337569792
https://twitter.com/KCDN19/status/1689256313447137281
https://twitter.com/kdcreer/status/1689259998604677121
https://twitter.com/Followingtheden/status/1688850259542163458
https://twitter.com/CosmicwolfXIII/status/1688913967136268288
https://twitter.com/AI_EmeraldApple/status/1688928664908713984
https://twitter.com/rom1504/status/1686284010333343744
https://twitter.com/rjohnn1970/status/1682029434440912902

Non-AI Users interacting with/talking about AI users:

https://twitter.com/MEGUjuke/status/1711422777486606629
https://twitter.com/MEGUjuke/status/1708126298978300234
https://twitter.com/MEGUjuke/status/1707366407019938034
https://twitter.com/MEGUjuke/status/1707406782883393737
https://twitter.com/MEGUjuke/status/1705892718617264416
https://twitter.com/MEGUjuke/status/1698684945944977897
https://twitter.com/MEGUjuke/status/1698570145445396584
https://twitter.com/MEGUjuke/status/1693589582724661389
https://twitter.com/MEGUjuke/status/1691130646624927744
https://twitter.com/MEGUjuke/status/1678397845378834438
https://twitter.com/MEGUjuke/status/1682379878279319552
https://twitter.com/MEGUjuke/status/1690856871324962816
https://twitter.com/MEGUjuke/status/1691121936842338305
https://twitter.com/MEGUjuke/status/1680796208581980160
https://twitter.com/MEGUjuke/status/1680957117652692992
https://twitter.com/MEGUjuke/status/1681706231197728774
https://twitter.com/MEGUjuke/status/1681706629715341312
https://twitter.com/AAA18288605/status/1684571248255451136
https://twitter.com/hukumen6/status/1686032688158060544
https://twitter.com/sevenedges/status/1685957374513991680
https://twitter.com/miyamoyame/status/1680164217138331648

https://twitter.com/miyamoyame/status/1677096342844477441
https://twitter.com/positiveHIKASEN/status/1680110773643919360?s=20
https://twitter.com/rights_artists/status/1680022276459335680
https://twitter.com/Y_I_K_ES/status/1679176161019019273
https://twitter.com/athundt/status/1635151605879414787
https://twitter.com/alexjc/status/1674469863610363926
https://twitter.com/axl99/status/1685696401995657217
https://twitter.com/axl99/status/1684190422246260737
https://twitter.com/axl99/status/1682625892777074694
https://twitter.com/axl99/status/1684207100627410944
https://twitter.com/axl99/status/1684187048318750720
https://twitter.com/axl99/status/1684307234648649728
https://twitter.com/Abebab/status/1678301515977457665
https://twitter.com/Abebab/status/1677268798779293696
https://twitter.com/Abebab/status/1688445349835231232
https://twitter.com/BorgoniaBorgy/status/1682768689328947200
https://twitter.com/KwazeKwaze/status/1676807046350479361
https://twitter.com/xriskology/status/1706981935866593402
https://twitter.com/liron/status/1681793688467558400
https://twitter.com/flinkart/status/1694078877843251587
https://twitter.com/oneunderscore__/status/1682822886959075329
https://twitter.com/Xkaly0/status/1706180418653827376
https://twitter.com/BookSpotlight/status/1688464364423032833
https://twitter.com/CoreyBrickley/status/1680058641284464640
https://twitter.com/CoreyBrickley/status/1685879535332421632
https://twitter.com/ChombaBupe/status/1681288552657592323
https://twitter.com/ChombaBupe/status/1681991693711572993
https://twitter.com/dreamosaurus/status/1688518823346098176
https://twitter.com/lincodega/status/1688247500270972930
https://twitter.com/Lumaris/status/1681875482264887297
https://twitter.com/Rahll/status/1704599075956441541
https://twitter.com/Rahll/status/1694058081645150256
https://twitter.com/Rahll/status/1680006145115664387
https://twitter.com/Rahll/status/1681046866102743044
https://twitter.com/Rahll/status/1682176438278017025
https://twitter.com/Rahll/status/1682835129272619009
https://twitter.com/Rahll/status/1683903418434191372
https://twitter.com/Rahll/status/1684571253104050177
https://twitter.com/RUBiLyte_VA/status/1677872774168330245
https://twitter.com/bodokumen/status/170414387495486299
https://twitter.com/drachenmagier/status/1681987662696120320
https://twitter.com/RemmeltE/status/1688535837200564224
https://twitter.com/RemmeltE/status/1683972420213051392
https://twitter.com/RemmeltE/status/1699702548574109998

https://twitter.com/RemmeltE/status/1644443019049943040
https://twitter.com/RemmeltE/status/1683101353122619394
https://twitter.com/RemmeltE/status/1681854251587473409
https://twitter.com/RemmeltE/status/1685873832131981312
https://twitter.com/RemmeltE/status/1681849830191034372
https://twitter.com/JustineBateman/status/1682046921500954625
https://twitter.com/ThiagoRiolu/status/1703027376282599904
https://twitter.com/timnitGebru/status/1680771408169930753
https://twitter.com/timnitGebru/status/1684007230163521538
https://twitter.com/r18rensyu/status/1701307003350786195
https://twitter.com/Krosecz/status/1692350062091710790
https://twitter.com/Kamalewda/status/1677900912772145152
https://twitter.com/Monstermash042/status/1697676906332819601
https://twitter.com/Nisarg2711/status/1683792791850356737
https://twitter.com/707KAT/status/1698096096583483549
https://twitter.com/707KAT/status/1698414247934382216
https://twitter.com/palomamcclain/status/1688612590555938817
https://twitter.com/skelter_records/status/1698319012940427362
https://twitter.com/JonathanJanz/status/1680772871986065408
https://twitter.com/AAA18288605/status/1698316019323072897
https://twitter.com/VWGAMEDEV/status/1699109203514728872
https://twitter.com/AenderLara/status/1698854494069498221
https://twitter.com/neilturkewitz/status/1697595500583608732
https://twitter.com/neilturkewitz/status/1693667795517526170
https://twitter.com/mfrankDude/status/1681739788460896266
https://twitter.com/LettingGo_Now/status/1697596923174379744
https://twitter.com/The_Row_House/status/1684130157085315072
https://twitter.com/NecroKuma3/status/1679656227180085249
https://twitter.com/necromeowncer/status/1681496362012266496
https://twitter.com/EZE3D/status/1696197542554271893
https://twitter.com/EZE3D/status/1693050823314428406
https://twitter.com/EZE3D/status/1680229433016299532
https://twitter.com/EZE3D/status/1681831645802909700
https://twitter.com/pfau/status/1680159225979322368
https://twitter.com/JOSourcing/status/1692061242431860868
https://twitter.com/ChombaBupe/status/1690830085920624640
https://twitter.com/MystWolven/status/1682790155122294784
https://twitter.com/MystWolven/status/1684350415490502656
https://twitter.com/morganaOanagrom/status/1684968664167063563
https://twitter.com/elo_chan_/status/1685730172228562944
https://twitter.com/Yamadacorner/status/1681821671991148549
https://twitter.com/TheBrianPenny/status/1670867161739583488
https://twitter.com/stealcase/status/1659583557730287618
https://twitter.com/stealcase/status/1690796246741487616

https://twitter.com/GSNotArt/status/1680345816312213504
https://twitter.com/GSNotArt/status/1682850144104980482
https://twitter.com/GSNotArt/status/1678184437526265856
https://twitter.com/GeorgeCrudo/status/1681871615620005889
https://twitter.com/USClaireForce/status/1674935348747485186
https://twitter.com/ZakugaMignon/status/1688333197166141440
https://twitter.com/ZakugaMignon/status/1685323283837673472
https://twitter.com/readymadeyt/status/1682861593531490304
https://x.com/CarmesJocelin/status/1674935240995876864?s=20
https://twitter.com/leyawn/status/1675136295855693825
https://twitter.com/MasakakiK/status/1676254959606611968
https://twitter.com/RyuTsuyu/status/1681086579194970112
https://twitter.com/RaphDeslandes/status/1676637468634873863

https://twitter.com/GlynnTarrant/status/1704632547290890578 <- Copyright Office, please take note of this URL in particular. It is a screenshot of AI users openly admitting their willingness to lie to the courts and Copyright Office specifically to circumvent these institutions.

https://twitter.com/itzmoepi/status/1698168723171836336 <- This is a screenshot of AI users who prompted an AI image to insult and belittle artists, showing a homeless man holding a sign reading, "I was a graphic artist before AI." This dehumanizing contempt that AI companies and AI users have for creators and likewise the Copyright Office is commonplace. Do not permit it.

These are other posts showing the depravity of AI users and AI companies, as well as the lengths they go to in order to hurt human creators.
https://twitter.com/itzmoepi/status/1693007045522342255
https://twitter.com/itzmoepi/status/1692248419685851501
https://twitter.com/itzmoepi/status/1689763422647259137
https://twitter.com/itzmoepi/status/1689480279902113792
https://twitter.com/itzmoepi/status/1689481024546222080

AI scams and AI advertisements:

https://twitter.com/MSFTResearch/status/1679902974208880642
https://twitter.com/devolvedai/status/1710841519857664468
https://twitter.com/_Reply_US/status/1710059792268472645
https://twitter.com/MeetXembly/status/1702473850964087011
https://twitter.com/JuniperNetworks/status/1699535908503245064
https://twitter.com/photoleap_ai/status/1671235012966989825
https://twitter.com/ai_makr/status/1699444928726634574
https://twitter.com/AskThisAI/status/1693515649807474726
https://twitter.com/MSFTResearch/status/1700173716695531820
https://twitter.com/MS_Ignite/status/1699438861246464022

https://twitter.com/AmpedUpStocks/status/1696187701278466057
https://twitter.com/dougallen1/status/1698787561693446259
https://twitter.com/MaxAI_HQ/status/1698679367449395416
https://twitter.com/V7Labs/status/1697202574116438220
https://twitter.com/shinkai_network/status/1696982613716529576
https://twitter.com/Alphanso_AI/status/1696040000729800798
https://twitter.com/WisdomTreeFunds/status/1689701142685696002
https://twitter.com/googledevs/status/1684208985463836674
https://twitter.com/googledevs/status/1684183714270523392
https://twitter.com/aidoomer/status/1696486666691568127
https://twitter.com/IBMSports/status/1696160925974204427
https://twitter.com/MedicVisionLTD/status/1696503561100644774
https://twitter.com/salesforce/status/1689290742122815488
https://twitter.com/JuliaEMcCoy/status/1652072062284976130
https://twitter.com/putapixelonit/status/1694754058647613643
https://twitter.com/Rahll/status/1695467633842307259
https://twitter.com/_AnythingWorld/status/1693951901983719615
https://twitter.com/NiftyKitApp/status/1691166697783275521
https://twitter.com/loner_inc/status/1694300449497645161
https://twitter.com/Cap3Collective/status/1694153610739757139
https://twitter.com/brave/status/1686099217390186496
https://twitter.com/AdobeExpCloud/status/1671947008985399296
https://twitter.com/creativecloud/status/1674975361094787072
https://twitter.com/creativecloud/status/1674975360772104192
https://twitter.com/KevinAFischer/status/1683898199981928450
https://twitter.com/coqui_ai/status/1686834201415569408
https://twitter.com/photoleap_ai/status/1674003205326352384
https://twitter.com/KarloAI/status/1684140536847032320
https://twitter.com/KORUS_AI/status/1681683202505596928
https://twitter.com/theaidojo1/status/1682011221967372291
https://twitter.com/imcalshort/status/1676519787491409920
https://twitter.com/WisdomTreeFunds/status/1664720035829645312

Lawsuits against Generative AI:

Text

How Generative AI works and why it isn't Human:

https://arxiv.org/abs/2111.09509 <- Paper on AI models Duplicating Training Data
https://arxiv.org/abs/2301.13188 <- Extracting Training Data from Diffusion Models
https://arxiv.org/abs/2305.08694 <- Reproducible Extraction of Training Images from Diffusion Models
https://softwarecrisis.dev/letters/llmentalist/

https://foundation.mozilla.org/en/blog/the-human-decisions-that-shape-generative-ai-who-is-accountable-for-what/
https://theconversation.com/were-told-ai-neural-networks-learn-the-way-humans-do-a-neuroscientist-explains-why-thats-not-the-case-183993
https://twitter.com/tomgoldsteincs/status/1677439914886176768 <- AI when trained on AI outputs.

https://twitter.com/e_salvaggio/status/1667887273067651072
https://twitter.com/alexjc/status/1679525593606656000
https://twitter.com/antsstyle/status/1657813815679918083

Ben Zhao, prominent ML researcher, the creator of Glaze, speaks on how AI works here:
https://twitter.com/ravenben/status/1639425313196105728
https://twitter.com/ravenben/status/1653461079630987282
https://twitter.com/ravenben/status/1650896605883817985
https://twitter.com/ravenben/status/1650897147825639428
https://twitter.com/ravenben/status/1650907866230931458
https://twitter.com/ravenben/status/1650914895536308247
https://twitter.com/ravenben/status/1650923889445183502
https://twitter.com/ravenben/status/1680207304694677506

https://twitter.com/GSNotArt/status/1677065438159867904 and
https://twitter.com/GSNotArt/status/1588439657641291777 <- Copyright Office, please take a look at this one.
https://twitter.com/GSNotArt/status/1679635309003440128
https://twitter.com/GSNotArt/status/1679635309003440128
https://twitter.com/GSNotArt/status/1679266592591589376
https://twitter.com/GSNotArt/status/1687893515714654208
https://twitter.com/GSNotArt/status/1682850151256190978

https://twitter.com/Zn2plusC/status/1676709092776357888 and
https://twitter.com/pabloppp/status/1681755571207168001 <- How to obtain the original images from an AI output, proving that AI systems function entirely off theft.
https://twitter.com/TrevyLimited/status/1678276809392107524

https://twitter.com/TrevyLimited/status/1680859651213074433 and
https://twitter.com/TrevyLimited/status/1683818065367105536 <- Proof that AI systems require copying billions of data points to emulate them
https://twitter.com/JustineBateman/status/1682028096915148800
https://twitter.com/Grady_Booch/status/1686868812879233033

https://twitter.com/CoreyBrickley/status/1682536401206759424 and
https://twitter.com/dreamosaurus/status/1682685406721241088 <- StabilityAI's CEO Emad Mostaque openly admitting to copying billions of images.

https://twitter.com/NecroKuma3/status/1668373235459584004
https://twitter.com/RemmeltE/status/1686535988796157952
https://twitter.com/RemmeltE/status/1674718158375247872
https://twitter.com/kortizart/status/1689354568562520067
https://twitter.com/RaydenLGX/status/1682430242667765777
https://twitter.com/RaydenLGX/status/1682505806602698752
https://twitter.com/ChombaBupe/status/1685733978244808705
https://twitter.com/mfrankDude/status/1686919943932223489
https://twitter.com/IrisVanRooij/status/1686733727106318337
https://twitter.com/mfrankDude/status/1689716539979898880
https://twitter.com/KatieConradKS/status/1682463086475616258
https://twitter.com/EepJeep/status/1662285409064218625
https://twitter.com/FeiziSoheil/status/1709300392838729820
https://twitter.com/Rahll/status/1708475135391404296
https://twitter.com/BlancoHunter/status/1698051572691853608
https://twitter.com/BlancoHunter/status/1697804156688298458
https://twitter.com/penpengin2023/status/1698577495258517619
https://twitter.com/mer__edith/status/1692209221553598665
https://twitter.com/helienne/status/1692207015114731916
https://twitter.com/Riru_UruUru/status/1683095753521258498
https://twitter.com/SetsmaY/status/1687989767374565376
https://twitter.com/timnitGebru/status/1682939013475479552
The above are more examples of how AI works.

Unethical or Illegal Generative AI uses:

https://twitter.com/GlynnTarrant/status/1681471145055334405
https://twitter.com/lizbenjamin/status/1685891677955690496
https://twitter.com/info_kvaluation/status/1686024115554033664
https://twitter.com/RemmeltE/status/1687402953945337856
https://twitter.com/YinkaWrites/status/1686442068808257555
https://twitter.com/JohnReedStark/status/1685443115031670784
https://twitter.com/RemmeltE/status/1684603202136948736
https://twitter.com/The_Row_House/status/1684519628905619456
https://twitter.com/stealcase/status/1677686606503739393
https://twitter.com/tedgioia/status/1688221240790528000
https://twitter.com/BiellaColeman/status/1688332659108257792
https://twitter.com/KayliMills/status/1690071466199646211
https://twitter.com/emilymbender/status/1681339064681922561
https://twitter.com/RemmeltE/status/1682598342692577281
https://twitter.com/RemmeltE/status/1682411300750766080
https://twitter.com/RemmeltE/status/1682651233667129345
https://twitter.com/RemmeltE/status/1681574742099390464
https://twitter.com/RemmeltE/status/1684598999431643136

https://twitter.com/RemmeltE/status/1683983291416989696
https://twitter.com/RemmeltE/status/1682631839666835456
https://twitter.com/danmcquillan/status/1687771852939137024
https://twitter.com/stealcase/status/1676958470262910984
https://twitter.com/Abebab/status/1681358469402705928
https://twitter.com/USClaireForce/status/1684311565376405504
https://twitter.com/USClaireForce/status/1683919580484317184
https://twitter.com/timnitGebru/status/1684246369337212940
https://twitter.com/kingdomfantasy6/status/1679188989939531776
https://twitter.com/KerryAMcInerney/status/1683938147976224768
https://twitter.com/_KarenHao/status/1683771320331558912
https://twitter.com/ElkeSchwarz/status/1683740159395889154
https://twitter.com/alexjc/status/1681627112623468544
https://twitter.com/stealcase/status/1679646078163996672
https://twitter.com/itzmoepi/status/1679270234253926403
https://twitter.com/inkblot_art/status/1678437891318616065
https://twitter.com/neilturkewitz/status/1681687405940867074
https://twitter.com/ChombaBupe/status/1679180398549516307
https://twitter.com/JustineBateman/status/1690865764558155776
https://twitter.com/MarcsTwit/status/1679624868822671360
https://twitter.com/Independant_Img/status/1679663792077303808
https://twitter.com/Rahll/status/1679863734834016256
https://twitter.com/pixivsketch/status/1680778179399806976
https://twitter.com/EpicArtFail/status/1681437744193740800
https://twitter.com/stokel/status/1680125175684124673
https://twitter.com/yomikake_/status/1682530702196375553
https://twitter.com/yomikake_/status/1682530704473878530
https://twitter.com/AAA18288605/status/1682420269632339968
https://twitter.com/AAA18288605/status/1682037138882428929
https://twitter.com/MEGUjuke/status/1698577454003323093
https://twitter.com/itzmoepi/status/1699844358684463573
https://twitter.com/RemmeltE/status/1703818773495488973
https://twitter.com/MEGUjuke/status/1700208134495809553
https://twitter.com/MEGUjuke/status/1708430301708627973
https://twitter.com/MEGUjuke/status/1708411499818193310
https://twitter.com/Rahll/status/1703794645782646906
https://twitter.com/RemmeltE/status/1709256151026598286
https://twitter.com/Rahll/status/1708638144600461470
https://twitter.com/MEGUjuke/status/1707365993616699675
https://twitter.com/nicransome/status/1708148637971423277
https://twitter.com/neilturkewitz/status/1707039785523569105
https://twitter.com/mer__edith/status/1706258069414350882
https://twitter.com/ChombaBupe/status/1706706579439886511
https://twitter.com/tha_rami/status/1706586492682870863

https://twitter.com/EZE3D/status/1706455125928104440
https://twitter.com/ZakugaMignon/status/1706454103981723679
https://twitter.com/dailyscroll001/status/1706481499912966308
https://twitter.com/Nnedi/status/1705598686238216537
https://twitter.com/MEGUjuke/status/1705880182756917519
https://twitter.com/JustineBateman/status/1704547298141946029
https://twitter.com/MEGUjuke/status/1704851841648132440
https://twitter.com/MEGUjuke/status/1704477402641100882
https://twitter.com/Grady_Booch/status/1702756986759290901
https://twitter.com/danmcquillan/status/1702998389665747350
https://twitter.com/ChombaBupe/status/1702796999395774899
https://twitter.com/RemmeltE/status/1702216147750289522
https://twitter.com/davidsirota/status/1701612729642238349
https://twitter.com/RemmeltE/status/1701491368906858860
https://twitter.com/JeremyWard33/status/1697225221999390964
https://twitter.com/parismarx/status/1697655867372605814
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