

Discussion Questions

1. What are the pros/cons of joint image and video training? Will future video generation models need it?
2. Are the generated videos temporally coherent? How can we improve that?
3. How can video generation techniques be more meaningfully compared and tested?
4. If we use the data generated by Phenaki to train Phenaki, will this make the model better?
5. Why are masked generative transformers not used more often (compared to diffusion models), especially for long video generation?
6. What is the positive impact of this paper?
7. What ethical considerations should researchers and developers take into account when creating and distributing easy-to-use generative models like Phenaki?
8. Should the authors open-source their model?
9. How many years before we watch AI-generated TV shows / movies?

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