

Question: An AI-generated video contains unnatural distorted things, such as distorted hands or faces. Is the given video AI generated? Answer YES or NO. Answer step by step and output each step clearly.

LLaVA-OneVision: NO.

video-SALMONN-ol:

The video shows a cyclist riding on a road with a field of flowers in the background.

The colors are vibrant and the scene is smooth, suggesting it might be AI generated.

Upon closer inspection, we can see that the cyclist's shadow is perfectly aligned with the cyclist, which is unusual for a moving object. This suggests a lack of natural motion blur or distortion, a common characteristic of AI-generated videos.

Therefore, based on the smoothness of the scene and the unnatural alignment of the cyclist's shadow, it is highly likely that the video is AI generated.

So the answer is YES.

GPT-4o:

Here are the steps to follow:

- **Subject Examination**: The cyclist appears to have a natural posture and movement. There are no visible distortions in the limbs or face that suggest AI generation
- **Background Analysis**: The landscape, including the road, fields, and sky, appears consistent and natural. There are no obvious texture or perspective issues.
- **Motion Artifacts**: The motion of the cyclist and the background blur due to speed appear natural and consistent with real-life video capture.
- **Color Anomalies**: The colors in the video, including the yellow fields and blue sky, appear natural and consistent without any abrupt or unnatural transitions
- **Overall Realism**: The video maintains a high level of realism throughout, with no elements that seem artificial or out of place.

Gemini-1.5-pro:

- **Examine the cyclist's form:** Does the body shape look natural throughout the pedaling motion? Are there any points where the limbs look distorted or bend in odd ways?
- **Check the bike:** Does the bike's movement seem realistic? Do the wheels spin smoothly?

Look for unusual artifacts: AI-generated content can sometimes have strange textures or patterns, particularly in areas of motion blur.

- **Without the actual video, it's impossible to give a definitive YES or NO answer.**
- **However**, if you observed any of the issues mentioned above while watching the video, it would be a strong indicator of AI generation.

You haven't provided me with the analysis of the video, so I can't give you a final answer of YES or NO.