

Arts and Music in the Age of AI and Quantum Systems

Mathematics, Physics, and the Challenge of Deepfakes

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March 8, 2025

Introduction: A New Creative Frontier

Imagine

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- AI paints landscapes from words; quantum systems compose eerie melodies.

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“We Are All Connected” (1:00–1:30)
Science inspires art—let’s explore how!

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“How MidJourney Works” (3:00–3:30)



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- **Stats:** 27% of Americans have seen AI art (2024).

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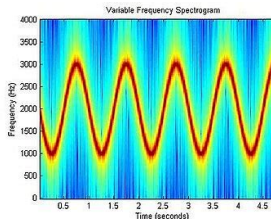
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- **Physics**: Analyzes sound waves for creation.

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“5 Free AI Tools” (2:00–2:30)
“How Spotify Knows” (2:30–3:00)



AI turns math into melodies!

Deepfakes in Arts and Music

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[“DALL-E Explained” \(1:30–2:00\)](#)

Deepfakes mimic creativity—how do we fight back?

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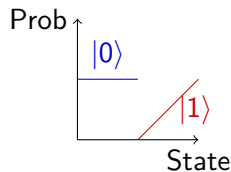
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Quantum Systems in Music

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Quantum Systems in Music

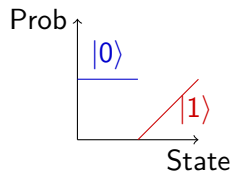
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“Quantum World!” (1:30–2:00)

“Quantum Music” (2:00–2:30)

Quantum physics sings!



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“Quantum Computer Music”

A new artistic—and secure—horizon!

AI and Quantum Redefine Art

Math and physics spark creativity—and challenges!

Try Chalez or Udio
Thank you! Questions?