

runwayData Council 202

Structure and Content-Guided Video Synthesis with Diffusion Models

Patrick Esser Johnathan Chiu Parmida Atighehchian Jonathan Granskog Anastasis Germanidis Runway

https://research.runwayml.com/gen1

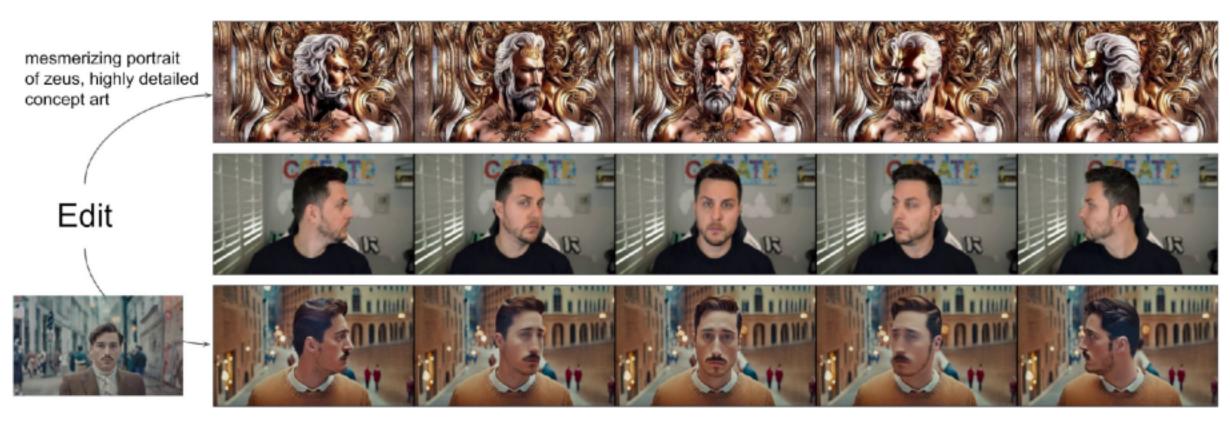


Figure 1. **Guided Video Synthesis** We present an approach based on latent video diffusion models that synthesizes videos (top and bottom) guided by content described through text (top) or images (bottom) while keeping the structure of an input video (middle).

