

# Lecture 1

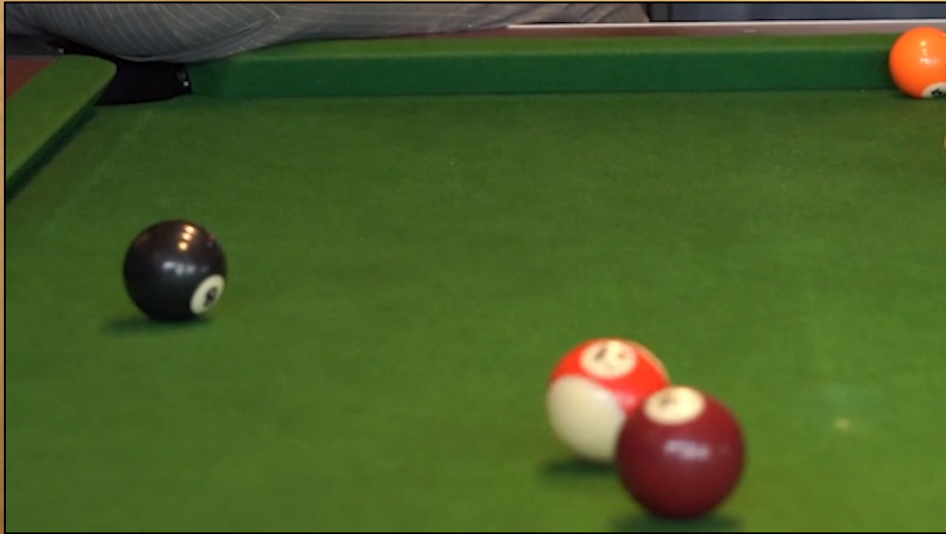
# Fundamentals

Stable Diffusion 101

Lich Academy, Summer 2024

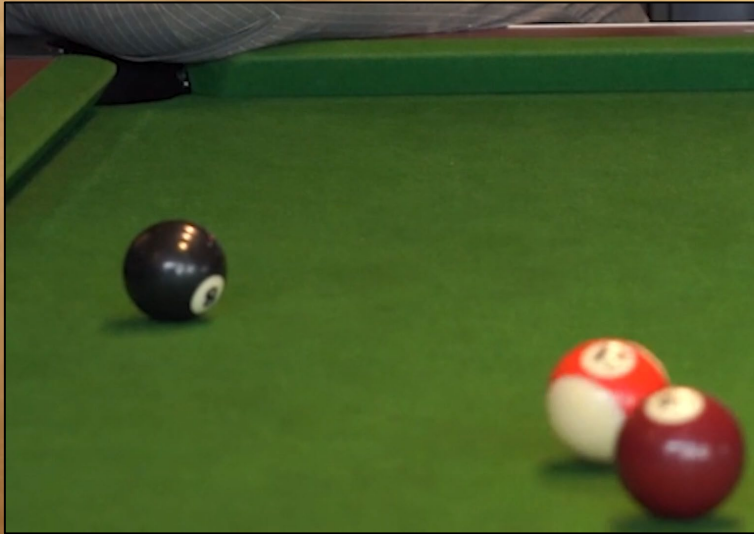


# What is wrong on this video?





# What is wrong on this video?





# Physical Diffusion





# Physical Diffusion





# Physical Diffusion

Functions

+ Add function

Temperature 1

Maximum Tokens 256

Stop sequences  
Enter sequence and press Tab



# Physical Diffusion

cinematic action shot of a  
**samurai warrior**, perfect  
composition, masterpiece





# Physical Diffusion

cinematic action shot of  
**samurai warrior**, perfect  
composition, masterpiece





# Basic SD Parameters



cinematic action shot of a  
**samurai warrior**, perfect  
composition, masterpiece





© Professor Lich

# Conditioning



# Conditioning

- Influencing output via additional information or guidance
- Textual conditioning
- Image conditioning



# Basic SD Parameters



+

cinematic action shot of a samurai warrior, perfect composition, masterpiece



Prompt



Text-to-Image  
(or text2img)



# Basic SD Parameters





# Basic SD Parameters





# Basic SD Parameters





# Basic SD Parameters





# Basic SD Parameters



+

female samurai warrior





# Basic SD Parameters



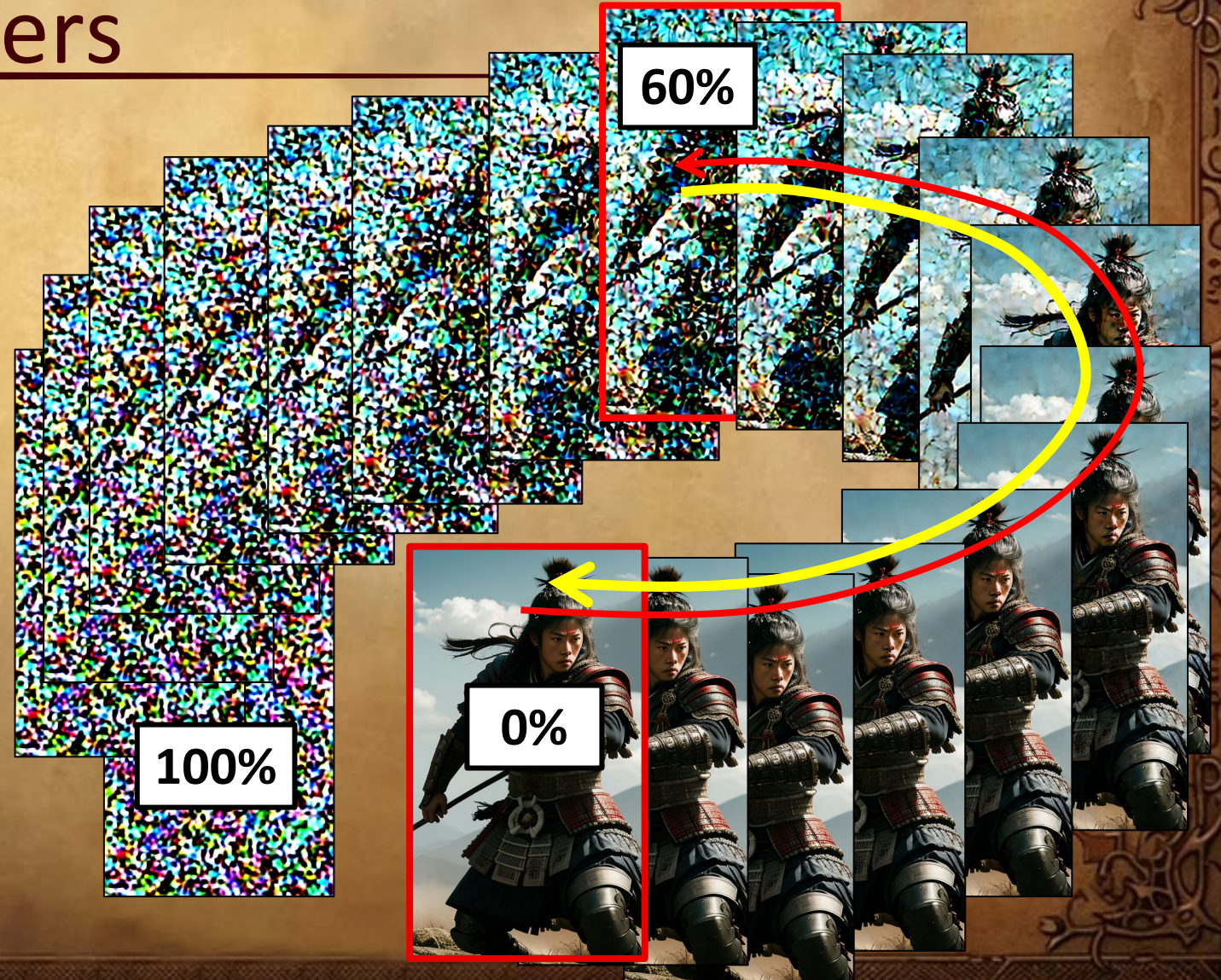


# Basic SD Parameters



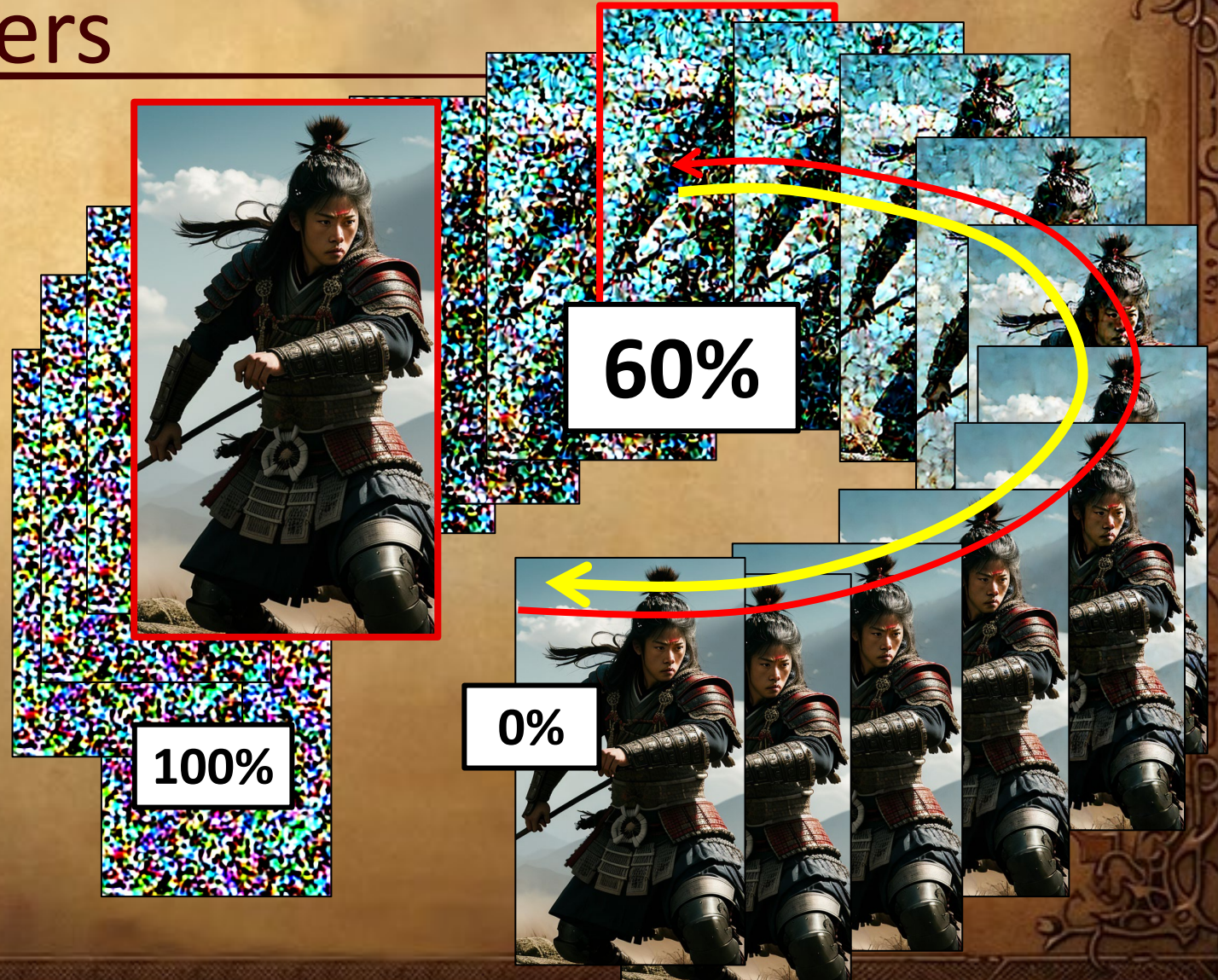


# Basic SD Parameters





# Basic SD Parameters





# Basic SD Parameters



Denoise  
Strength: **60%**

+

female samurai warrior

Image-to-Image  
(or img2img)



# Basic SD Parameters

