## Reverse Diffusion / Denoising / Sampling

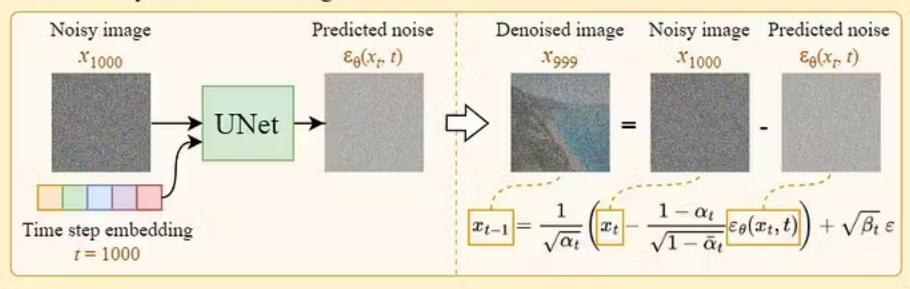
## 1. Sample a Gaussian noise

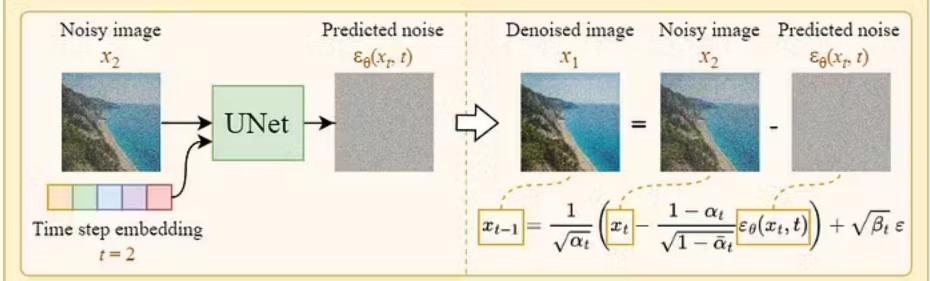
$$x_T \sim N(0, I)$$

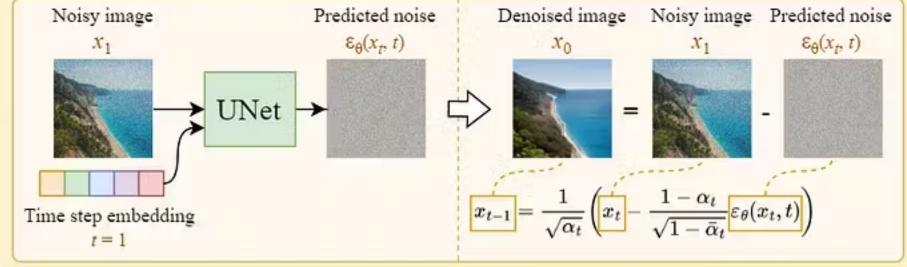
E.g. 
$$T = 1000$$
  
 $x_{1000} \sim N(0, I)$ 



## 2. Iteratively denoise the image







## 3. Output the denoised image

Denoised image  $x_0$ 

