in in

- in real life Dur points landing on the spiral would Still mem a realistic ing but tris diverse and foor. But if the points are oft the spiral distribution then ils blurry and bad.
- But the point learns to point to the men or ary of or P(x100 | X00) = N(0,0) dataset (hence why me add noiss) conditioned on the input points, and first in our N(0,60) " H" diffusion process. to prove this: the roiss P(x19/20)=N(M,62) we add in one formers stry is gaussian so for Small stop size in verene process is also gamilion distribution where our model learns the mean of This distribution since model predices much of Distribution to actually sample from this distributes we need to add zero mean gaussian noiss to our predicted values which is what the DPPM 2051 When we add random noiss after pack stry and this priving all our points from falling mar the center or any of the Eatist and instra fit per spiral distribution.

DDIM (I: implicit)

- Few morts after DOPM Stanford 16.0gla shored Net its posible to generate high quality images without actually adding random noices during generation process significantly reducing number of steps.
- this is Deterministic and not probablistic. Dose not change training process - Wan 2.1 uses ODEM and we a verson of DDAM called Flow matching
- in Short DOIM using addifferent sampling equation his Stips some stip like x100 -x10-1x100 for ex this removes the condomness and makes the brotter more girlet.