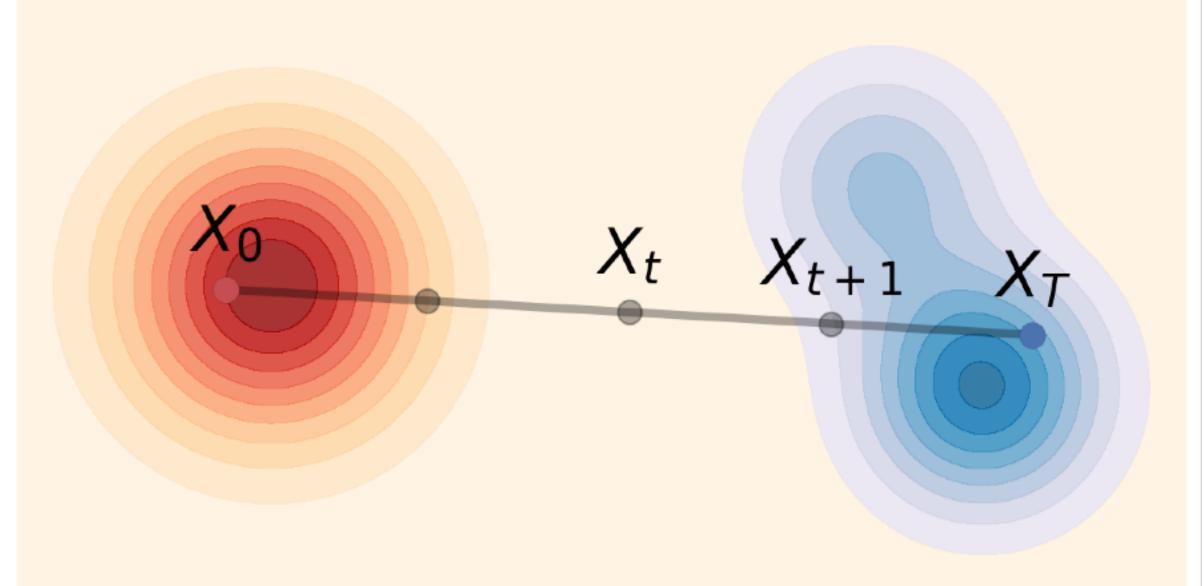
### Parametrization

We find a map  $Y, X_t \mapsto X_{t+1}$  and train a model  $p_{Y|t}^{\theta}(Y|X_t)$ :



Noise prediction:  $Y = X_0$ .













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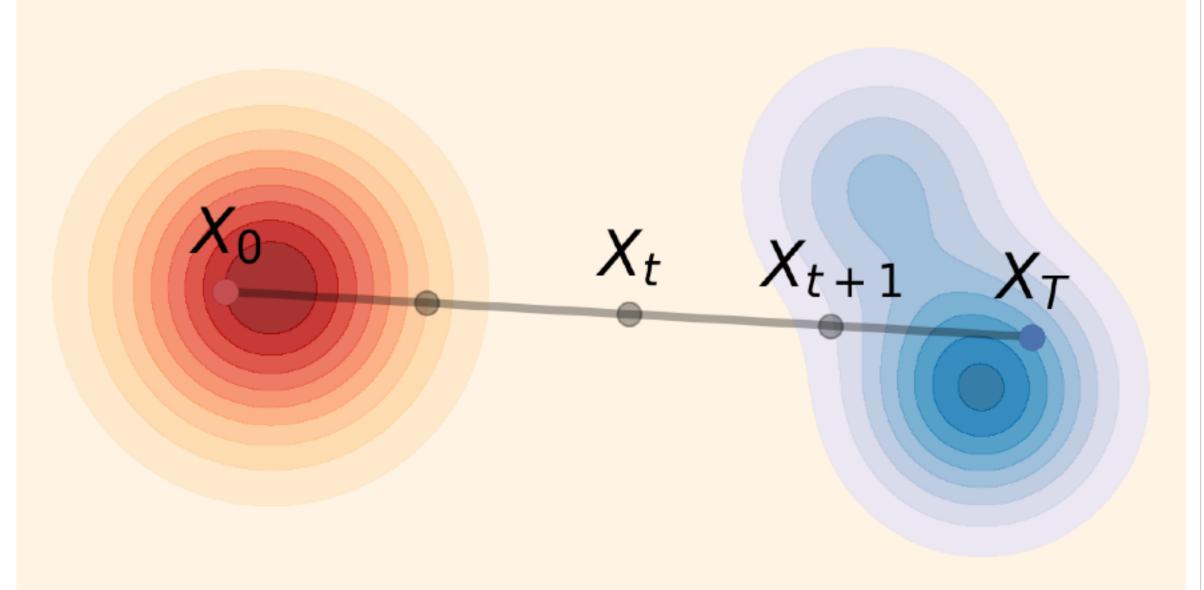
4

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### Difference prediction: $Y = X_T - X_0$ .







$$\frac{Y}{T}$$



Y

*t*+1





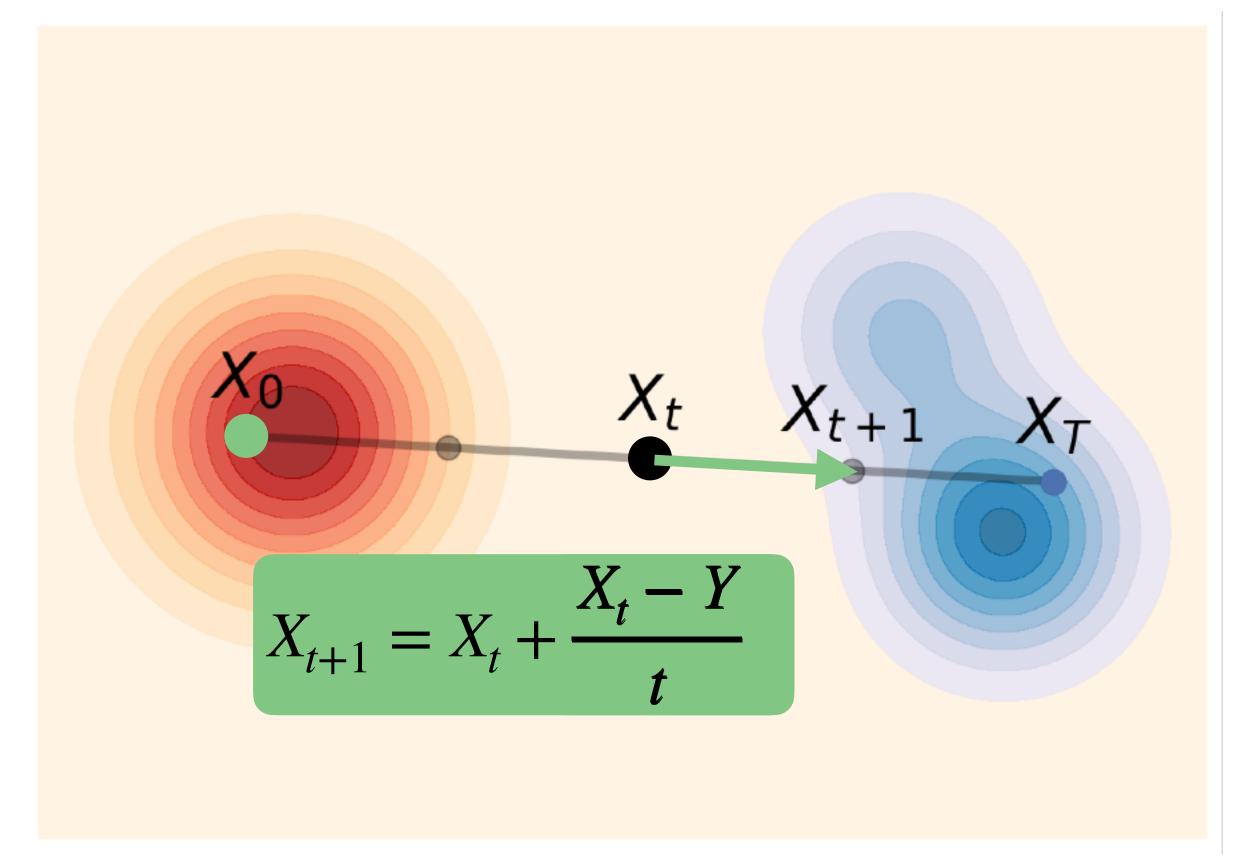


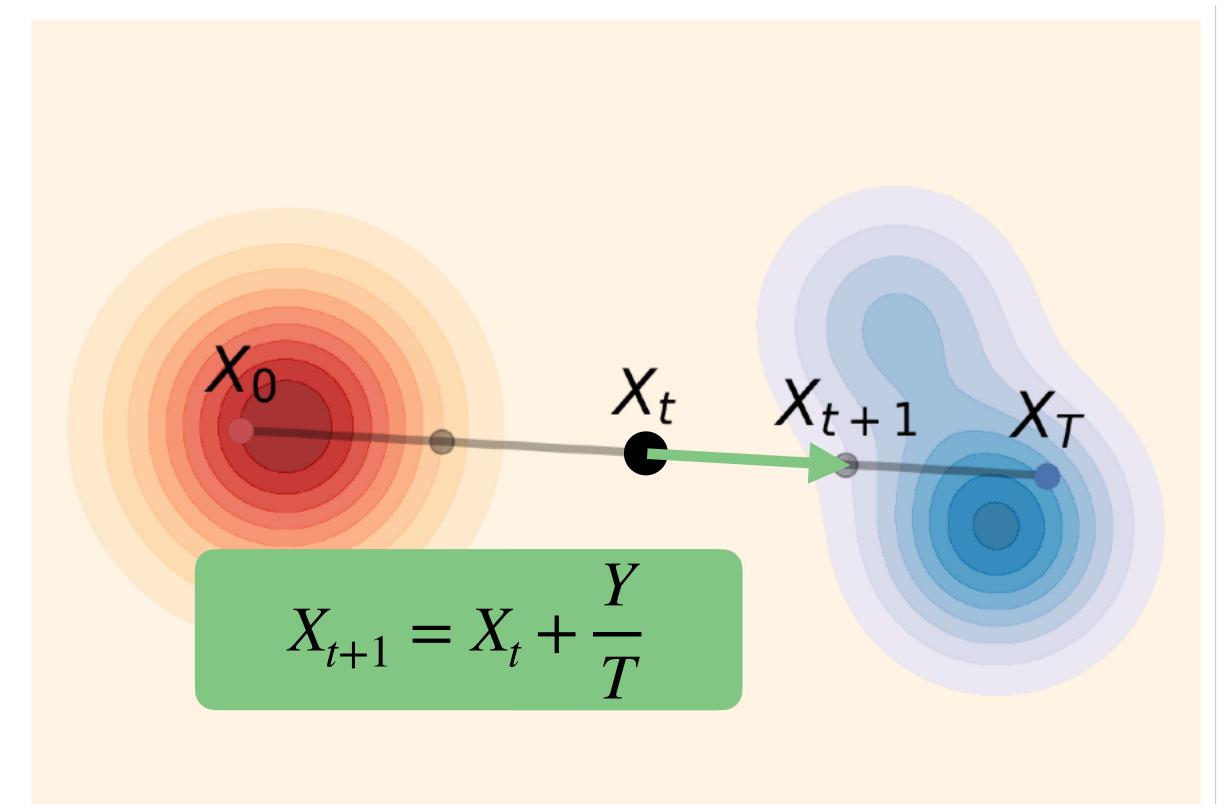
## Parametrization

We find a map  $Y, X_t \mapsto X_{t+1}$  and train a model  $p_{Y|t}^{\theta}(Y|X_t)$ :

Noise prediction:  $Y = X_0$ .

Difference prediction:  $Y = X_T - X_0$ .





# Modeling

 $p_{Y|t}^{\theta}\left(Y|X_{t}\right)$  is naturally modeled with a Flow Matching model  $u_{s}^{\theta}(Y_{s}|X_{t})$ .