

# Denoising Diffusion Probabilistic Models

## 组会汇报 | 论文阅读报告

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# Outline

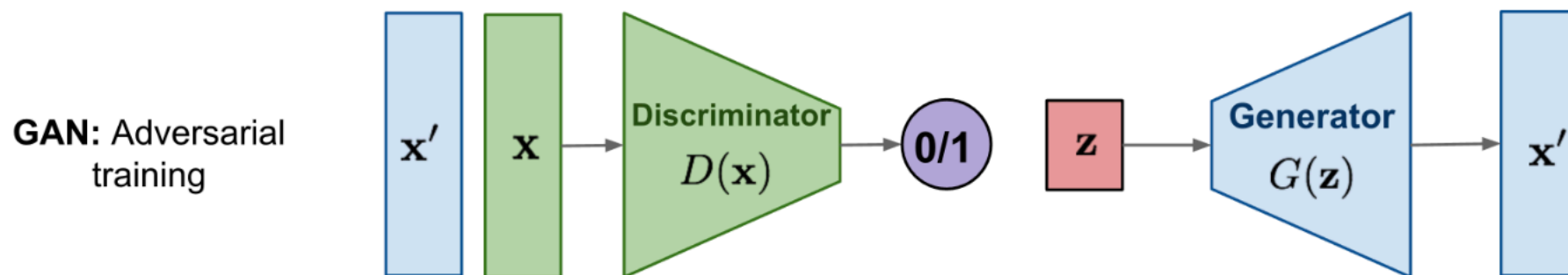
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# 1.1 GANs

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## 1.1.1 Model Setup



$$\min_G \max_D V(D, G) = \mathbb{E}_{x \sim p_{\text{data}}} [\log D(x)] + \mathbb{E}_{z \sim p_z} [\log(1 - D(G(z)))]$$

Background



## 1.2 VAEs

Methods



Experiments

Speeding up and Distillation

## 1.3 Flow-based Models

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## 2.1 Forward Process



## 2.2 Reverse Process

Background

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## 2.3 Algorithm

Methods

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Experiments

Speeding up and Distillation

## 2.4 Implementation

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