## Machine Perception Cheatsheet

GAN:

Optimal discriminator: Global optimality: Convergence guarantee: Training instability: Problem with optimizing Jensen-Shannon divergence: Gradient penalty: Diffusion models Diffusion: Denoising: Training: Guidance: Latent diffusion models: Reinforcement learning
Convergence guarantee: Training instability: Problem with optimizing Jensen-Shannon divergence: Gradient penalty: Diffusion models Diffusion: Denoising: Training: Guidance: Latent diffusion models: Reinforcement learning
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Denoising: Training: Guidance: Latent diffusion models: Reinforcement learning
Training: Guidance: Latent diffusion models: Reinforcement learning
Guidance:  Latent diffusion models:  Reinforcement learning
Latent diffusion models:  Reinforcement learning
Reinforcement learning
Markov decision process:
Policy:
Value function:
Value iteration:
Policy iteration:
Model-based and model-free:
On-policy and off-policy:
Monte Carlo:
TD learning:
SARSA:
Q-learning:
DQN:
Policy search:
REINFORCE:
Actor-critic:
Implicit surfaces and neural radiance fields
TODO
Parametric human body models
TODO