

1. 名詞解釋
 - a. representation learning
 - b. Manifold
 - c. Contrastive learning
 - d. Mode collapse in GAN
 - e. On/off policy
2. overfitting, underfitting 跟lambda的關係, w 1-norm, 2-norm差別
3. Back prop
4. Initial 重要性跟技巧
5. CNN weight units計算
6. cnn, RNN, attention的權重數, 計算量, auto-regressive, point distance
7. JS-divergence
8. value iteration map
9. About DQN
 - a. 直接把Q-learning轉成DQN會遇到什麼問題
 - b. 要對objective function做什麼處理才可以改善
10. About policy-based deep RL
 - a. Pathwise vs policy-gradient
 - b. 分別描述(a)中的兩種作法的模型架構跟objective function