



Dynamic Loss Adaptation



Modern deep learning approaches often use multiple (possibly conflicting) loss functions to provide as much feedback to the learner as possible. However, in settings where possibly multiple loss functions are equally important, it is not clear how to properly balance the losses to ensure a smooth convergence.

In this thesis, we investigate different approaches to weight different objectives against each other to stabilize training in infamously challenging settings such as reinforcement learning or GAN training.

Requirements: Prior knowledge in deep learning and reinforcement learning.

Interested? Please contact us for more details!

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