

Semester/Master Thesis:

Transfer Learning

Motivation and Informal Description: Prepared and labeled data is the first and the most important requirement in any classification learning task. However, gathering and particularly labeling the data is quite expensive and request a lot of man labor hours. So the question is how to generalize our already trained models to the domains and tasks that are somehow related to our trained model but not exactly the same? Although it is still an open problem and a proper solution may still out of reach, big steps have been taken to solve this problem. This thesis focus on using currently available methods to adapt one domain to another in the context of audio-visual datasets.

Requirements: Some background in speech processing and machine learning is useful.

Interested? Please have a look at <http://www.tec.ethz.ch/research.html> and contact us for more details!

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