LING 545. COMPUTATIONAL SEMANTICS WITH NEURAL NETWORKS

Credits: 3

Offered by: Linguistics (Faculty of Arts)

This course is not offered this catalogue year.

Description

Exploration of how to represent the meaning of words, phrases, sentences, and discourse using neural networks, and tying these ideas to formal semantics. Critical evaluation of existing neural networks and their resulting representations, their limitations, and investigation of new network architectures or training procedures to solve these issues.

- Prerequisites: LING 345 or COMP 345 or LING 445 or COMP 445 or COMP 551 or COMP 550 or equivalent machine learning courses
- Restrictions: Not open to students who have taken or are taking COMP 545.