1 Directed Questions

In propositional definite clause logic (PDCL),

- What is an atom? Give the definition and an example.
- What is a body? Give the definition and an example.
- What is a definite clause? Give the definition and an example.
- What is a knowledge case? Give the definition and an example.
- What is an interpretation of a knowledge base $KB$? Give the definition and an example.
- What is a model of a knowledge base $KB$?

2 Syntax

Which of the following rules are syntactically invalid in propositional definitive clause logic, and why?

1. bikeCrashed ← cycledDrunk
2. goByBus ∨ goByCar ← bikeBroke
3. goByBus ← ¬haveGas ∨ bikeBroke

3 Learning Goals

You can:

- Model a relatively simple domain with propositional definite clause logic (PDCL)