

Discrete Mathematics 2024

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Assignment 12 Due date: Thursday, 12 December 2024, 23:59

Exercise 12.6, Semantics of Predicate Logic

(8 Points)

- a) $\exists x \forall y P(x,y) \models \exists x P(x,f(x)).$
- **b)** $\neg(\forall x P(x)) \models \exists x \neg P(x).$
- a)
- b)