
SYSTEMATIC PREDICATE ABSTRACTION USING DEEP LEARNING

A PREPRINT

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ABSTRACT

Systematic Predicate Abstraction using Deep Learning

Keywords First keyword · Second keyword · More

1 Introduction

Systematic Predicate Abstraction using Deep Learning

2 Background

2.1 Abstraction Based Model Checking

2.2 CEGAR

2.3 Abstract Interpolation

3 Program Embedding

3.1 Text Level

3.2 Graph Level

3.2.1 Graph Representation

4 Data Collection

5 Training Model

References

*All contributions are considered equal.