

Monotone Data Flow Analysis Frameworks

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Today's agenda

Introduction

Background

Monotone Data Flow Analysis Frameworks

Approaches to solving MDFAF

A Variant of Kildall's Algorithm

Undecidability of MOP Problem for MDFAF

Overview

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Flow graph

Semilattice

Semilattice: ordering

Semilattice: 0 and 1

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Approaches to solving MDFAF

$$G = (N, \dots)$$

Cool center

- ▶ Symmetric?
- ▶ Negative?
- ▶ Content.

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