The Innat the Crossings-

Semantics of Flaw Analysis
What does a flaw analysis mean? More pricially a locally consistent set of annotations.
Result of flow analysis is a proposition - To optimize e to e', want to show Po Elect = Elect e' opn
What proposition does a flaw amalysis represent? How to distinguish correct from incorrect data flaw equation?
Use propositions as types. - Get soundness from results in type theory (free!) 7 harder - Now can justify optimization 5 not always done - Don't get reconstruction (omalysis algorithm - this comes for free
- Read als interp fens as Conjunctive types: feltx: D)(f(x)) es *: pos > pos > pos -
Examples
Strictness Analysu A, [1] or dimantypes (know MIsthre) Dead Code/ Useless Wile Dunt A, U PER types Ref Ct Anal Inferts of types Mainter PER types - Connectness but "instrumented sumantics Avail Exp. Red in Stranger X=y+2 Invariants, not just types int stal sumantics Trinding Time Analysis 2-level types Justification for optiming
Open Question - Higher Or Ner / Closure Analysis - This should be clearer than Ab. Interp cose (?) - Data Structures / Abstract Locations
- Does this break dawn on the next example? - Does it help?