Reading List

Optimizations & analysis

Data flow analysis
[Chambers et al. 96] Craig Chambers, Jeffrey Dean, and David Grove. Frameworks for Intra- and Interprocedural Dataflow Analysis. UW TR.

Intermediate representations

Inlining and interprocedural optimizations
[Callahan et al. 86] David Callahan, Keith D. Cooper, Ken Kennedy, and Linda Torczon. Interprocedural Constant Propagation. In PLDI ’86.
[Grove et al. 97] David Grove, Greg DeFouw, Jeffrey Dean, and Craig Chambers. Call Graph Construction in Object-Oriented Languages. In OOPSLA ’97.

Alias and pointer analysis

Dependence, vectorization, and parallelization

Register allocation

**Instruction scheduling**


**Functional languages**


**Object-oriented languages**
