MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Electrical Engineering and Computer Science

6.945/6.905 Spring 2019
Problem Set 5

Issued: Wed. 13 March 2019                      Due: Wed. 22 March 2019

Reading: SICP Section 4.4, especially 4.4.4.3 and 4.4.4.4
MIT Scheme Reference Manual, section 2.11: Macros. This is
complicated stuff, so don’t try to read it until you need to.

SDF Chapter 4 -- Pattern Matching

Code: This time you got an enormous pile of code -- covering all of
Chapter 4. But it is divided up so you can easily see what
section each chunk is for. Besides the material in common, the
code directory has subdirectories for term-rewriting,
pattern-combinators, unification, and graph-api. The loader
loads them all.

TO DO

Problem 4.2: Term ordering

Problem 4.3: Sorting Efficiency

Problem 4.4: Collecting Terms

Problem 4.5: Backtracking

Problem 4.7: Naming in patterns

Problem 4.8: Hoist by our own petard