Intermediate Logic   **Homework 7**

For the week of Apr 8–12: study Chapter 15 of *Computability and Logic*. Submit your problem set by Friday, April 12 at 5pm. Please either email to `hhalvors@princeton.edu` or drop in the PHI 312 inbox between 1879 and Marx Halls.

Problem set: CL, pages 197–198, problems 15.3, 15.5, 15.8, and the following problem:

> Analyze the rule $\exists$-elim in the same way that the rule $\neg$-intro is analyzed on page 197 of CL. That is, show that the relation "$\langle e, f \rangle$ codes a sequent that follows from the sequents coded by $\langle a, b \rangle$ and $\langle c, d \rangle$ according to $\exists$-elim" is recursive.

Precept presentation problems: CL, pages 197–198, any of the problems not assigned for homework.