

An EPS version of the MIPS superscalar implementation used in one of the problems below can be found at <http://www.ece.lsu.edu/ee4720/2015/mpipei3ss.eps> and an easy-to-edit Inkscape SVG version can be found at <http://www.ece.lsu.edu/ee4720/2015/mpipei3ss.svg>.

Problem 1: Solve 2014 Final Exam Problem 2, which asks for control logic in a 2-way superscalar processor.

See posted exam solution.

Problem 2: Solve 2014 Final Exam Problem 3, in which branch predictors are analyzed. *Note: Check earlier final exams for solutions to similar problems.*

See posted exam solution.