

CprE 588 – Embedded Computer Systems
Weekly Reading Review #8
Assigned: Week 8
Reviewed: Week 9

Directions:

- These weekly readings are intended to support in-class discussion.
- An in-class review activity will structure the discussion, as well as provide the instructor and student with some regular feedback on learning in the course.
- These activities will be recorded (based on completion, not correctness) as a component of the student's grade in the course.
- Submission is via the "Assessments" tab in WebCT.

Reading:

- [19] L. Cai, A. Gerstlauer, and D. Gajski, "Retargetable Profiling for Rapid, Early System-Level Design Space Exploration", In *Proceedings of the Design Automation Conference (DAC)*, 2004. ([link](#))

Review:

How is the design space exploration methodology presented here able to radically reduce the time required to find a suitable solution? How do the steps of the methodology correspond to the "Validation" options in the SCE tool?