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EE641 - Model-Based Image and Signal Processing
Fall 2022: The Pandemic Edition Again

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Instructor: Charles A. Bouman
    Office: MSEE 320
    Phone: (765) 494-0340
    E-mail: bouman@purdue.edu
    Course Hours: MWF 1:30 to 1:20
    Classroom: Brown Hall (ECE) 005
    Class Helpers: TBD
    Additional Helpers: TBD
    Office Hours: after class or by appointment via Zoom
    Course Web Page: https://engineering.purdue.edu/∼bouman/ee641/
    Lab Web Page: https://engineering.purdue.edu/∼bouman/grad-labs/

Primary Reference:

1. Class notes: C. A. Bouman, *Foundations of Computational Imaging*, ISBN: 978-1-611977-12-7.

Course Description:
    This course will cover topics in Computational Imaging and Inverse Problems at the level of current research. Reference material will be primarily in the form of the class notes and journal publications. The course will include computer homework assignments, computer projects, one midterm and a final. Final grades will use the following weighting.

Course Grading:

Homework and computer projects	30%
Midterm #1	30%
Final exam (may be a project)	40%

Lab/Homework submission:
    Submit all assignments and labs in pdf format to "hwbouman@gmail.com". Clearly label the submission (i.e., "homework 1" or "Lab 2"). The submitted pdf document should include all requested code.