

11/27/07 P653 term paper "menu"

Dear P653 students,

As promised, I'll provide copies of two papers to every registered student (and one paper to auditors). If you want more, you can copy from the originals which eventually (like Jan.) will be placed in a folder in LASSP informal library adjacent to my office, joining those of past decades. (Or ask me to borrow.)

Please number your choices 1, 2, and 3 (in case one isn't available.)

-- Chris Henley

- ___ 1. Diarmuid Cahalane,
"Criticality in constraint satisfaction: Scheduling, Sudoku, and spin glasses"
- ___ 2. Kayvon Daie,
"Continuous-time random walk" [and thin-film transport?]
- ___ 3. Ethan Geil,
"Charge density waves and collective transport"
- ___ 4. Yoav Kallus,
"Statistical Mechanics Models of RNA folding"
- ___ 5. Eliot Kapit,
"The Bethe Ansatz: an overview with applications"
- ___ 6. Sejoon Lim,
"Vortex [lattice] of high temperature superconductors"
- ___ 7. David Marsh,
"The Physics of the $O(3)$ Model" [skyrmions in QHE]

<this will only be completed next semester,
due to a leave for personal reasons>
- ___ 8. Mark Transtrum,
"The Bethe Ansatz"
- ___ 9. Dan Wohns,
"Scaling theory of Anderson Localization"