

Mathematics 5
Winter Term 2008
The World According to Mathematics

Dwight Lahr

Weekly Schedule: Week #6

Readings:

Lahr—4.1 through 4.4.

Final paper: it's not too early to get started on your research paper. The paper is to be a (quoting from the course requirements) "Seven-page paper (with at least 20% math) due on first day of finals: Monday, March 10." Ann Perbohner, Reference/Bibliographer for Mathematics and Computer Science, will join us on Wednesday, February 13 to teach us how to do library research.

Exercises:

Monday 2/11—due:

- Exercises 3.5: 2, 3, 4, 6ade, 8, 9
- Read 3.14
- Exercises 3.15: 3, 4, 5, 6bc
- Read Intro to Chap 4

Wednesday 2/13—due:

- Hand in homework from Week #5
- Exercises 4.1: 1bd, 2ab, 3a, 4b, 10, 11, 12,14
- Read 4.2

- Ann Perbohner, Math & CS reference librarian, will join us.

Friday 2/15—due:

- Read the Friday Discussion handout that will be posted on the class web site.

Due Monday 2/18:

- Exercises 4.3: 1ac, 2ac, 3, 4
- Read 4.4

Friday 2/22—Hand in:

3.5: 10; 3.15: 6ad; 4.1: 13

[quiz2 on Wednesday 2/20]

Friday discussion:

This week we will revisit the ISBN coding algorithm, and use number theory as the basis for discussing the interplay between pure and applied mathematics.