

## Homework VIII

**Due** *Wednesday March 5, 2008* by 2 pm.

**Read** Chapter 14.

**Problems:**

1. Write a paragraph on displacement ventilation. What is the relation to natural convection?
2. Estimate the flow velocities caused by the natural convection driven by a human sitting in a quiet room.
3. 14.6
4. 14.11
5. 14.12
6. 14.16
7. 14.20
8. 14.24