Preparing the exam
Gregor Schöner
different from past years

- because our exercises were different
- less computational
- more conceptual, readings
focus on core concepts

- as captured by the first two chapters of the book
- (without the boxes)
ask questions of understanding

- about core concepts
  - definitions of concepts in a multiple choice format
  - where the alternative choices are not trivially wrong
  - precision is required

- examples of concepts:
  - stability
  - activation
  - activation field
  - neural dynamics
ask questions of understanding

about mathematical language

- udot vs. u: drawing that, explaining that, fixed points, stability
- u(x) vs. x: drawing that, discussing that, peaks, resting level, input
- mental simulation: explaining qualitatively the solutions of simple neural dynamics:
ask questions of understanding

about mathematical language

udot vs. u: drawing that, explaining that, fixed points, stability

u(x) vs. x: drawing that, discussing that, peaks, resting level, input

mental simulation: explaining qualitatively the solutions of simple neural dynamics:
ask questions of understanding

- about mathematical “mechanisms”
  - the instabilities, illustrating them, explaining them
  - talking about their significance