Preparing the exam

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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