CT1 task: Viterbi algorithm

Overview
If a sequence of symbols is emitted from a system with hidden states (observed) and the probabilities (states and emissions) are known, one can calculate the hidden sequence by the use of the Viterbi algorithm.
The sequence to test the algorithm will be supplied.

Implement the Viterbi algorithm
- Implement the Viterbi algorithm yourself (I will check if it is a copy)

Describe in your paper
- Motivate your work. What do you want to achieve?
- Related work. What have others done (Use at least three references from IEEE or ACM)
- Describe your approach. How does the Viterbi algorithm work?
- Explain your experiment with the given sequence.
- Present and compare your results – especially the given and the calculated sequence.
- Discuss your results.
- Conclude your work.

Presenting
Present and explain the content of your paper in the lecture.

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