
REVIEW FOR TEST 2

APRIL 20

1. Alignment

- Semi-global alignment.
- Affine gap penalty model.

2. Markov Chains

- Probability that a given string is generated by a given Markov Chain.
- Probability that a string of length k is generated.

3. Hidden Markov Models

- Modeling using HMMs.
- Viterbi's and the forward algorithms.

4. Mapping

- STS-content mapping. Auxiliary graphs from both phases.
- Radiation-hybrid mapping. Auxiliary graph and reduction to the TSP.