

Week 7, Lectures 2-3

- * Algorithms for implementing S.A.
- * Structure of midterm exam
- * Exercises #4.

Annealing Schedule:

$$T_{k+1} = \alpha T_k, \quad 0 < \alpha < 1.$$

Note:

- Showing that the Boltzmann distribution maximizes the entropy at fixed \bar{E}

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- Showing that the S.A. algorithm converges to the global min with probability 1, as $k \rightarrow \infty$.

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