

Population selection methods

Your Name

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Boltzman probability distribution

$$P(i) = \frac{\exp\left(-\frac{E_i}{T}\right)}{\sum_{j=1}^N \exp\left(-\frac{E_j}{T}\right)}$$

Temperature at generation n

- Linear decrease

$$T^n = T_0 - n\Delta T$$

- Exponential decrease

$$T^n = T_0(\alpha)^n \quad 0 < \alpha < 1$$