

# Overview of How to Construct a New Generation

The process of constructing a new generation involves the following steps: 1. Order the genes from best to worst in the current generation. 2. Discard the worst genes, which correspond to the red part of the diagram. 3. Copy the best genes directly into the new generation, corresponding to the green part. 4. Generate the remaining genes in the new generation by performing crossovers between genes from the green part and gray part of the previous generation.

