

The diagram illustrates the process of DNA replication and repair. The top part shows a DNA double helix being replicated, with a new strand being synthesized. The bottom part shows a DNA double helix being repaired, with a new strand being synthesized and the original strand being replaced.

b

Neural network

Search

The diagram illustrates a neural network (left) and a search tree (right). The neural network is a 3x3 grid of nodes connected by red lines. A dashed red arrow points from the neural network to a specific node in the search tree, which is highlighted with a red circle and a red arrow. The search tree is a binary tree structure with nodes represented by 3x3 grids of black and white circles. The root node has two children. The left child has two children of its own. The right child of the left child is highlighted with a red circle and a red arrow. The search tree is labeled 'Search' at the top.