**Overlap Graph and Greedy Shortest Common Superstring Search**

A diagram of a network

AI-generated content may be incorrect. A diagram of a network

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A diagram of a diagram

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A diagram of a diagram

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A diagram of a line with letters and numbers

AI-generated content may be incorrect. A diagram of a line with text and numbers

AI-generated content may be incorrect.



**Greedy Algorithm Is Faster But Doesn’t Always Find the Best Answer**

A diagram of a number of letters

AI-generated content may be incorrect.

**De Bruijn Graphs and Eulerian Walks**

A diagram of a gene editing process

AI-generated content may be incorrect.

A diagram of a diagram

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**Ambiguity and Errors in De Bruijn Graphs**

A diagram of a algorithm

AI-generated content may be incorrect.

A diagram of a dna sequence

AI-generated content may be incorrect.

A diagram of a diagram

AI-generated content may be incorrect.

**Contigs**

A diagram of a diagram

AI-generated content may be incorrect.

A blue and green rectangular sign with white text

AI-generated content may be incorrect.

**Longer k-mers Make Better Reconstructions**

6-mers:A computer screen shot of text

AI-generated content may be incorrect.

8-mers: A computer code with text

AI-generated content may be incorrect.

Important k-mer:A computer code with text

AI-generated content may be incorrect.

