NeuroViNE selects substrate nodes close to each other!

Optimal Algorithm:
• improves solution quality given more flexibilities
• However, expensive, exponential runtime

Heuristic Algorithm:
• Can exploit flexibility
• But cannot achieve optimal solution

Machine Learning/Neural Computation:
• Improves solution quality
• Impact of learning time? Computational overhead? RESEARCH!

Contribution presented in this poster:
• o’zapft is: Supervised learning using algorithm data [1,3]
• NeuroVINE: Using Hopfield neural network for efficient pre-processing [2,3]

References

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