



# Visualizing Optimization Algorithms

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# Subject

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적절한 시각화 방법 제안



알고리즘에 대한  
이해를 바탕으로  
시각화 구현

# Benefit

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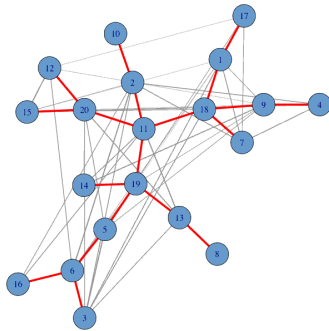
효과적인 시각화 방법의 발견

연구자의 알고리즘에 대한 이해 향상

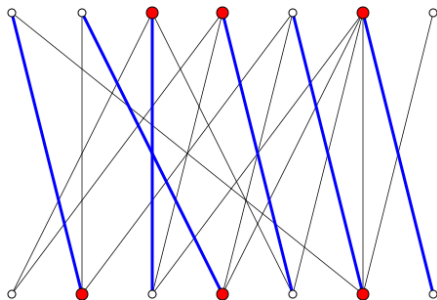
제 3자의 알고리즘 이해를 도움

# Target Problem

- Minimum Spanning Tree



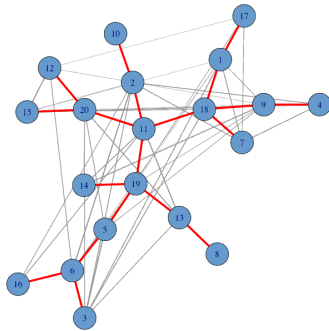
- Bipartite Matching



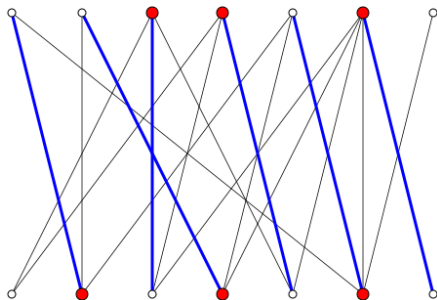
# Target Problem

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- Minimum Spanning Tree



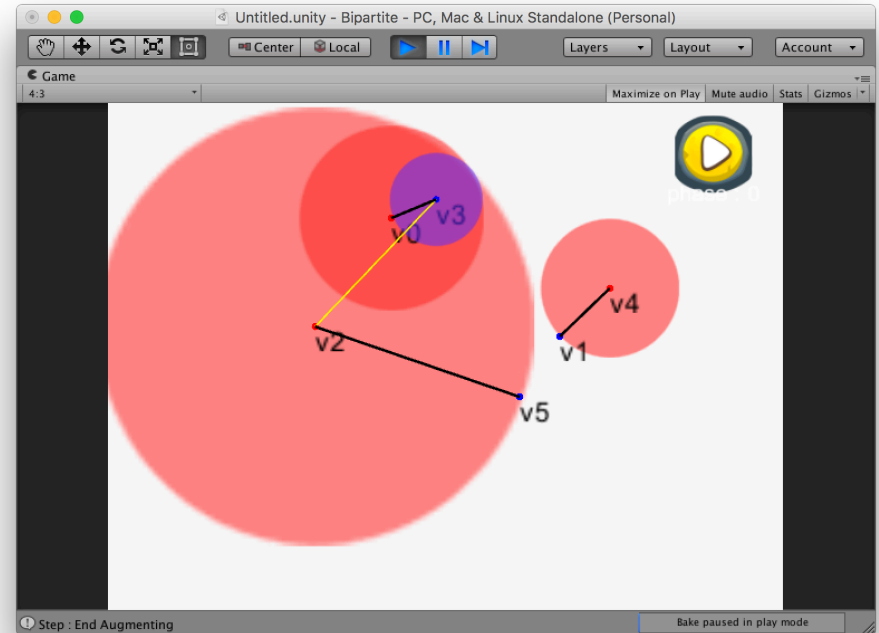
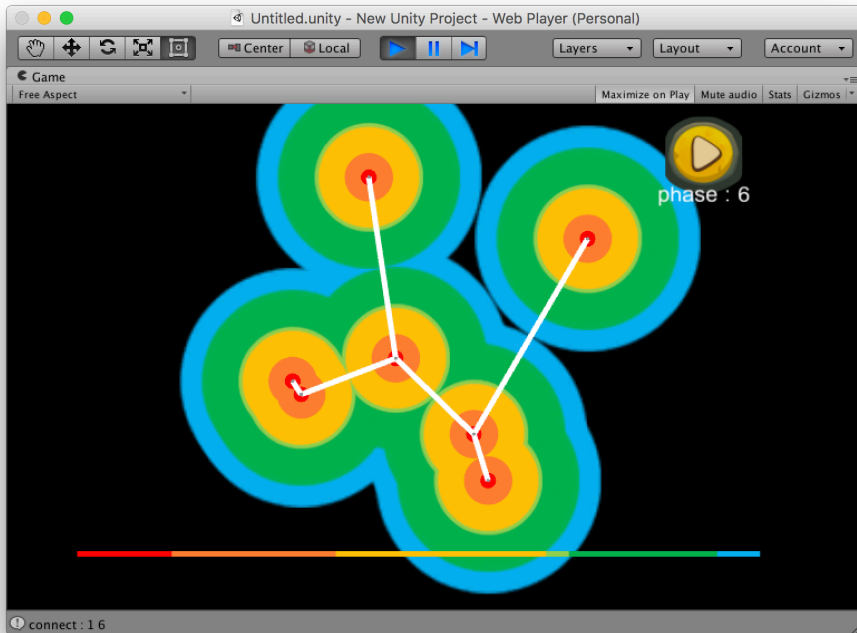
- Bipartite Matching



- 2D Euclidean으로 표현용이
- Primal Dual Analysis를 적용 가능
- Certifying Algorithm의 특징을 가짐

# Output

- Minimum Spanning Tree
- Bipartite Matching



# Output

- Minimum Spanning Tree
- Bipartite Matching

