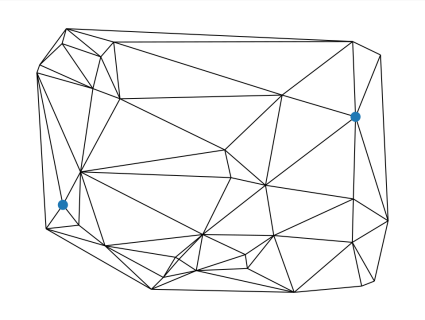
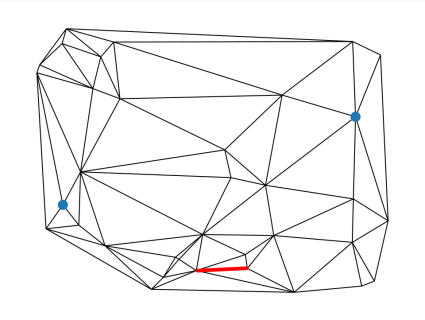
Planar Network Diversion





Pål Grønås Drange

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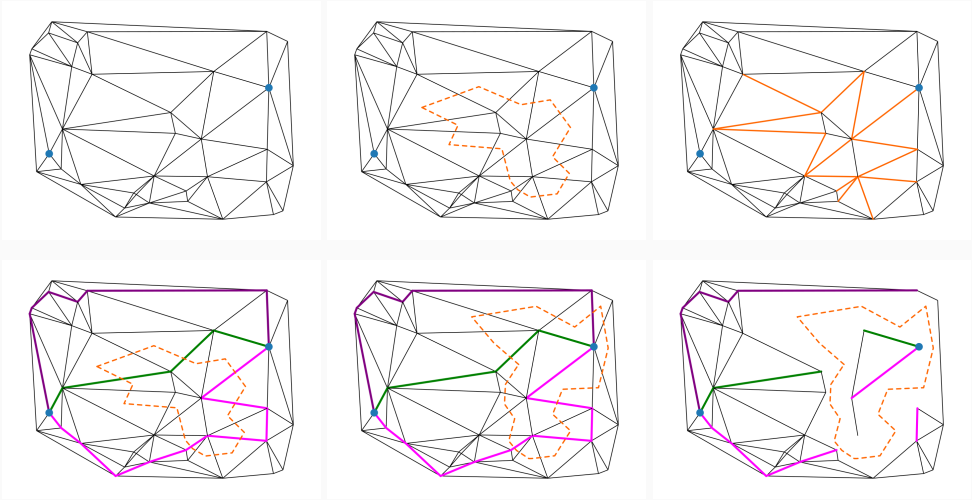
February 21, 2025

Joint work with

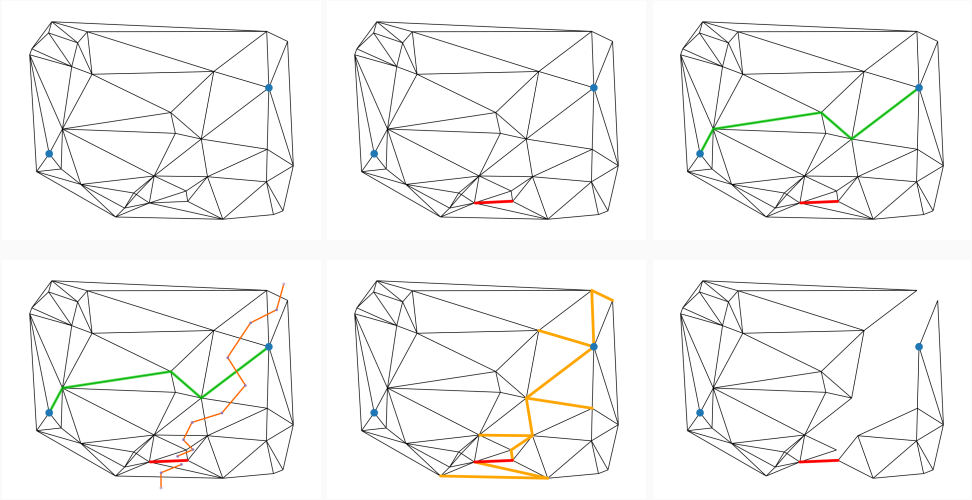
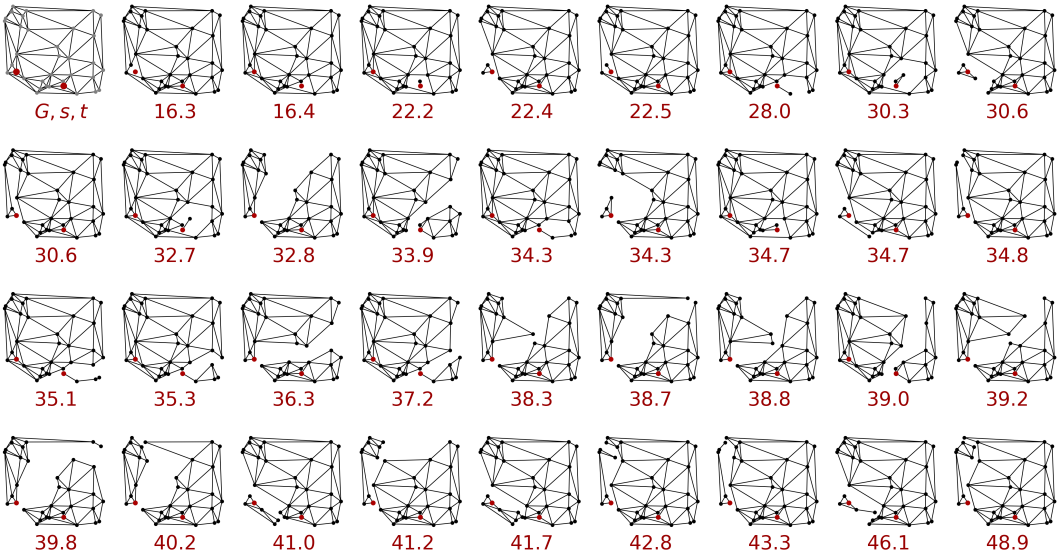
- Matthias Bentert
- Fedor V. Fomin
- Steinar Simonnes

- Minimum s-t-Cuts
- Network Diversion
  - Planar case: $O(n \log n)$
  - Directed: NP-complete
  - Undirected: Open

Cut – Cycle space duality



Algorithm: Planar Network Diversion



Diverse cuts