

# Grafici dell'utilizzo di memoria heap da parte degli algoritmi di ricerca

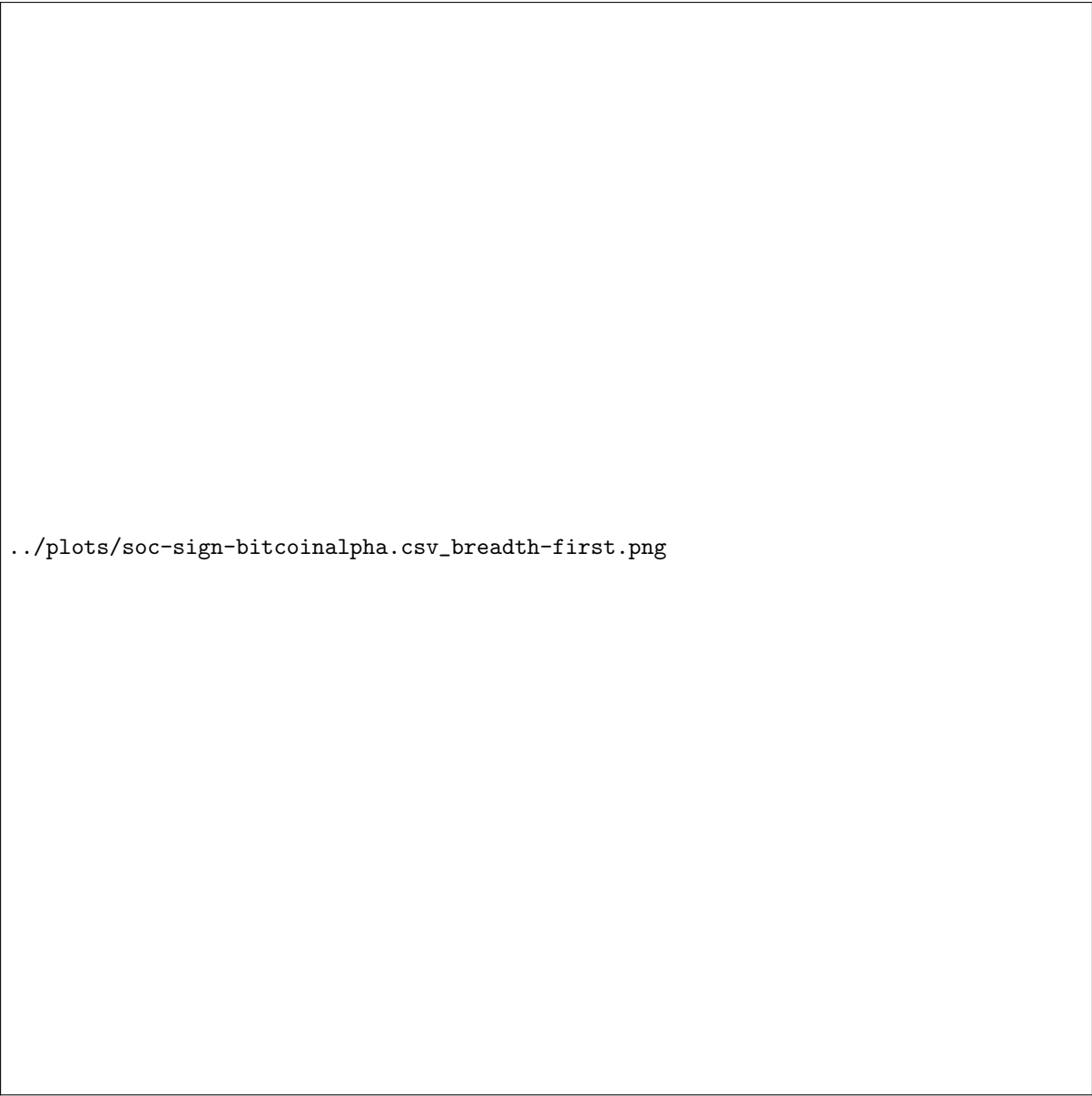
Adriano Oliviero

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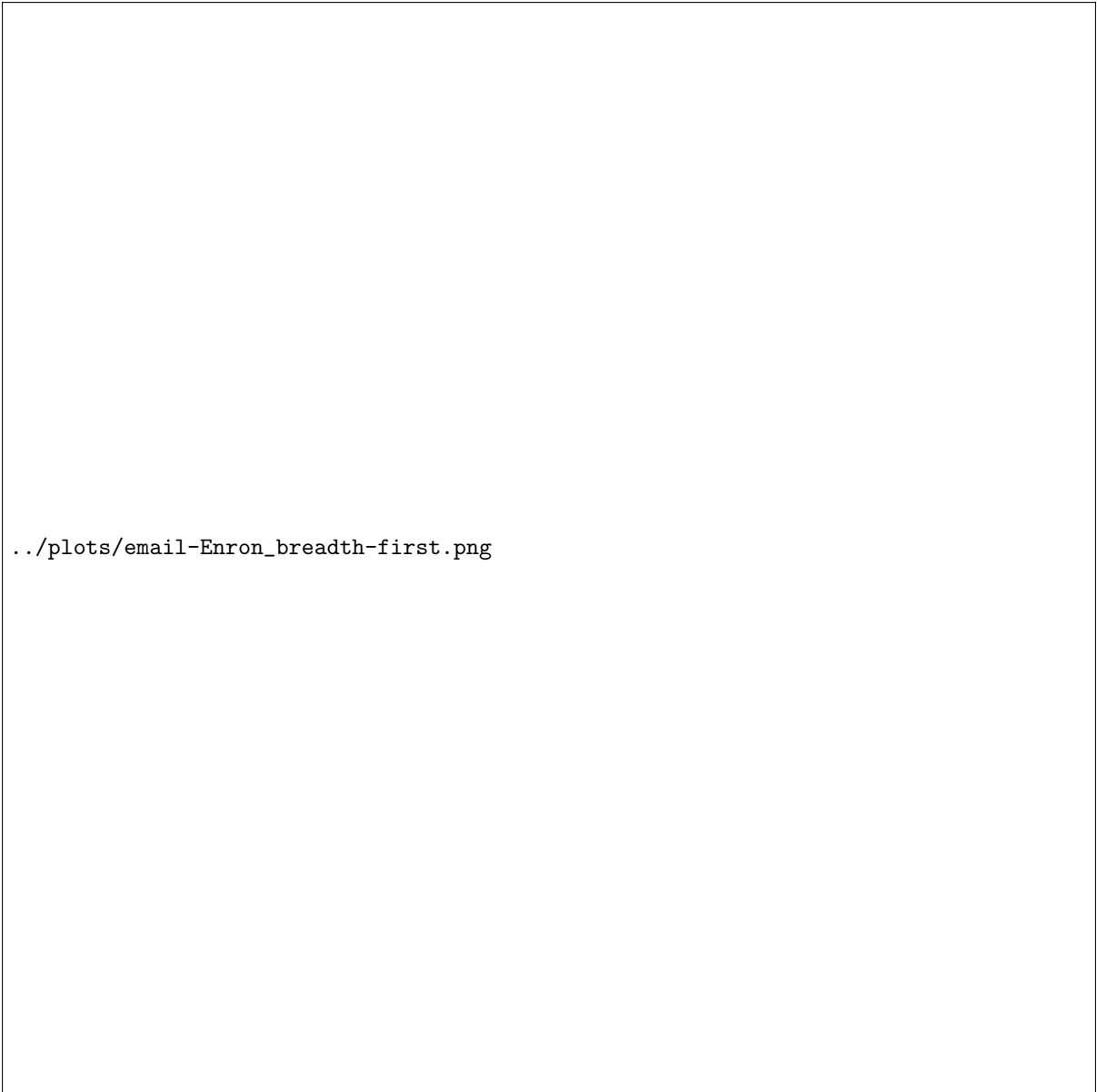
# 1 Grafici e Risultati

Di seguito sono riportati alcuni grafici che visualizzano i risultati sperimentali degli algoritmi di ricerca applicati ai dataset:



`../plots/soc-sign-bitcoinalpha.csv_breadth-first.png`


Figure 1: Grafico: breadth-first su com-lj.ungraph



`../plots/email-Enron_breadth-first.png`


Figure 2: Grafico: breadth-first su com-lj.ungraph

- 1.1 Dataset: soc-sign-bitcoinalpha.csv.gz
- 1.2 Dataset: email-Enron.txt.gz
- 1.3 Dataset: com-youtube.ungraph.txt.gz
- 1.4 Dataset: roadNet-CA.txt.gz
- 1.5 Dataset: as-skitter.txt.gz
- 1.6 Dataset: cit-Patents.txt.gz
- 1.7 Dataset: com-lj.ungraph.txt.gz
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  - 1.7.2 Algoritmo di ricerca: breadth-first
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  - 1.7.6 Algoritmo di ricerca: depth-limited
  - 1.7.7 Algoritmo di ricerca: iterative-deepening
  - 1.7.8 Algoritmo di ricerca: bi-directional



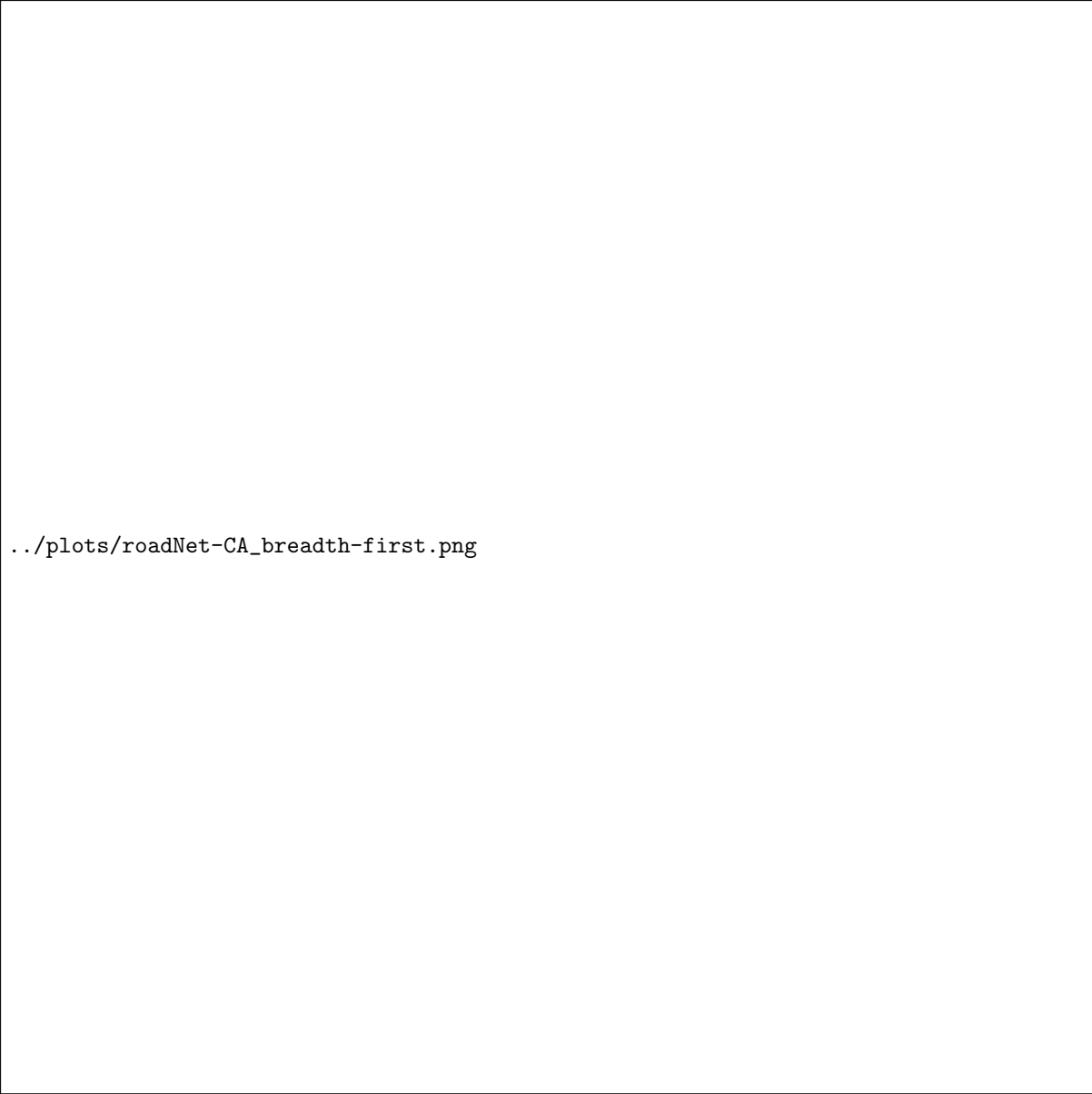
`../plots/soc-sign-bitcoinalpha.csv_uniform-cost.png`

Figure 3: Grafico: breadth-first su com-lj.ungraph




`../plots/email-Enron_uniform-cost.png`

Figure 4: Grafico: breadth-first su com-lj.ungraph



`../plots/roadNet-CA_breadth-first.png`


Figure 5: Grafico: breadth-first su com-lj.ungraph



`../plots/soc-sign-bitcoinalpha.csv_depth-limited.png`

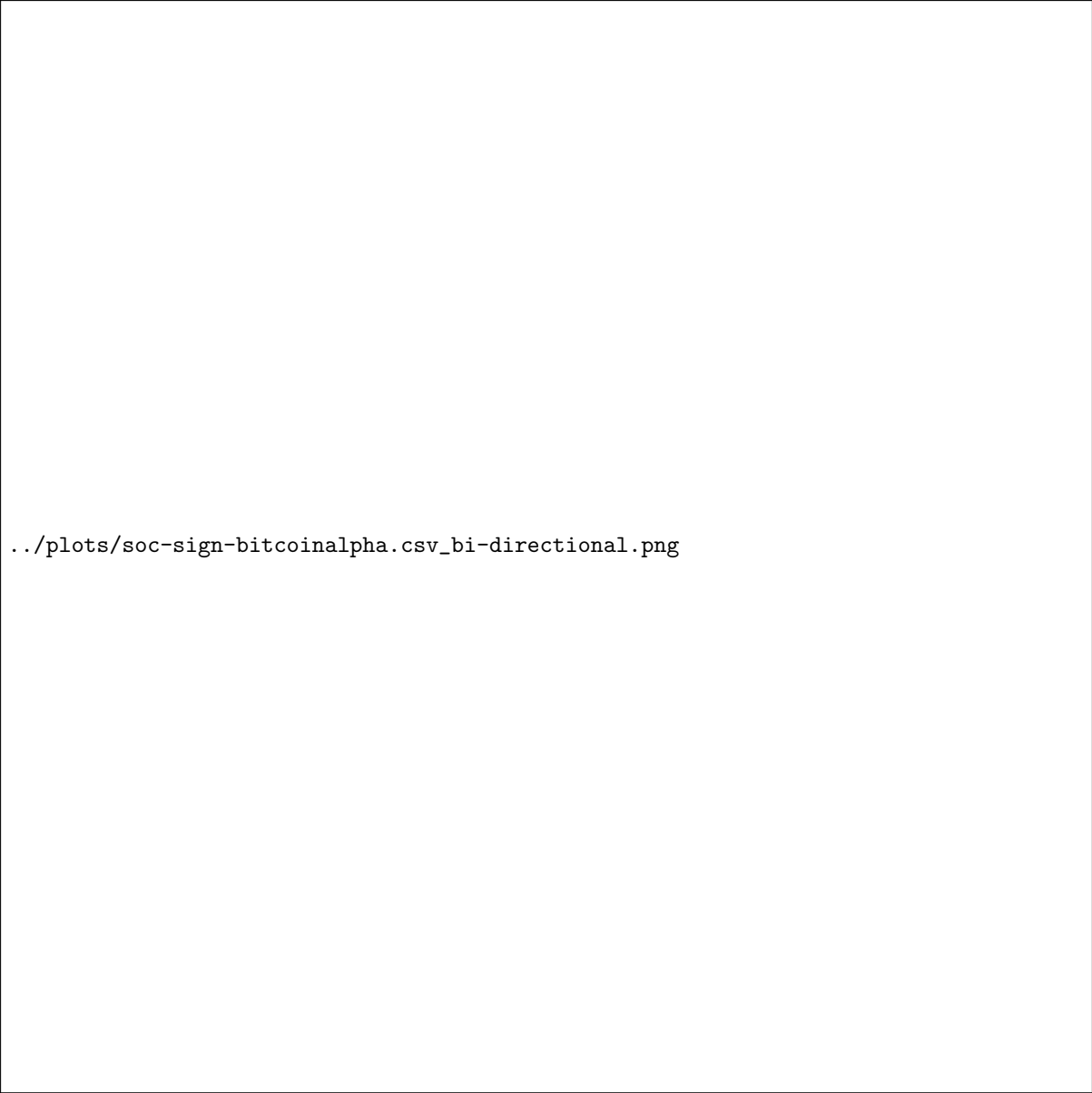
Figure 6: Grafico: breadth-first su com-lj.ungraph





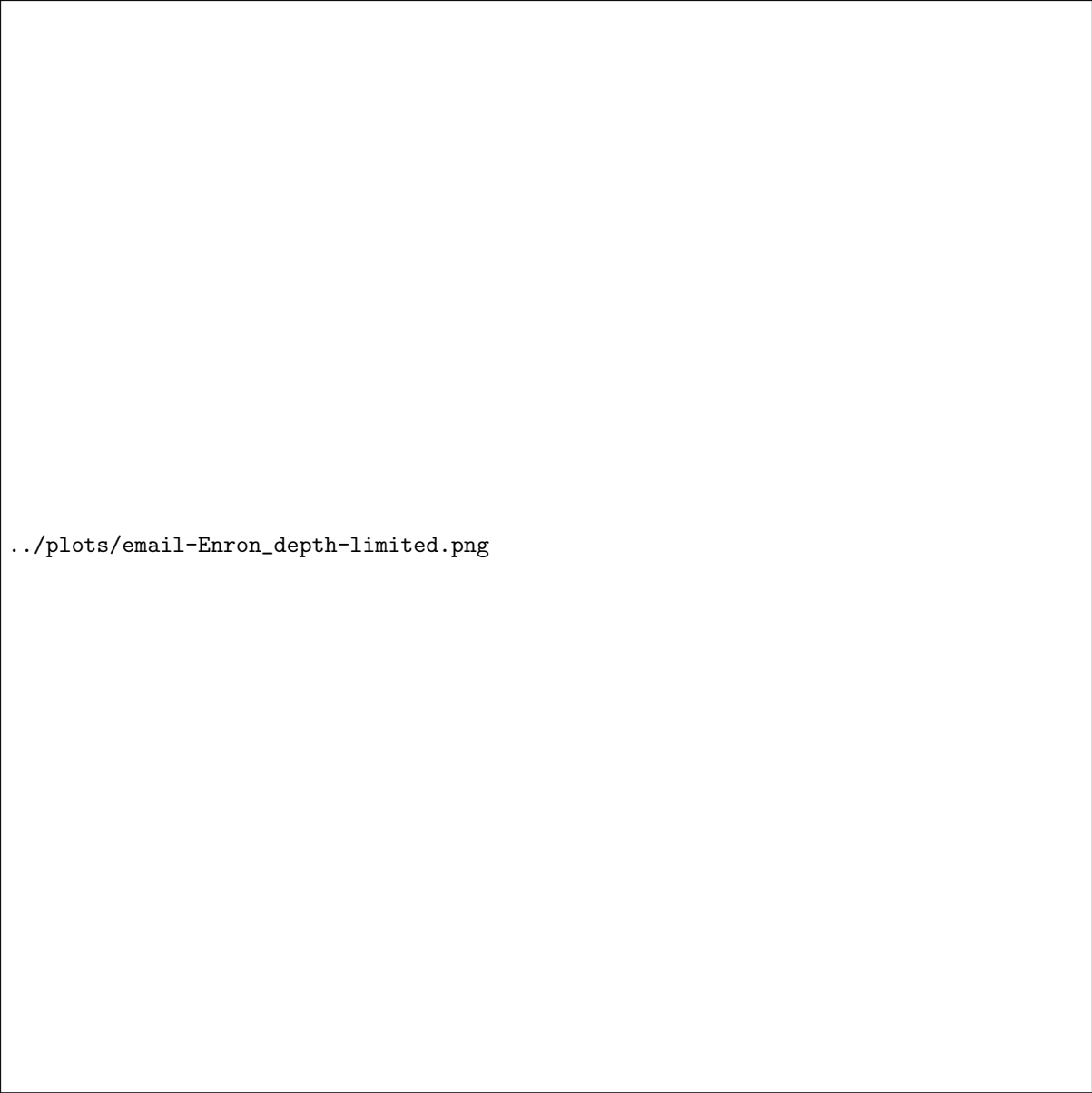
`../plots/soc-sign-bitcoinalpha.csv_iterative-deepening.png`

Figure 7: Grafico: breadth-first su com-lj.ungraph



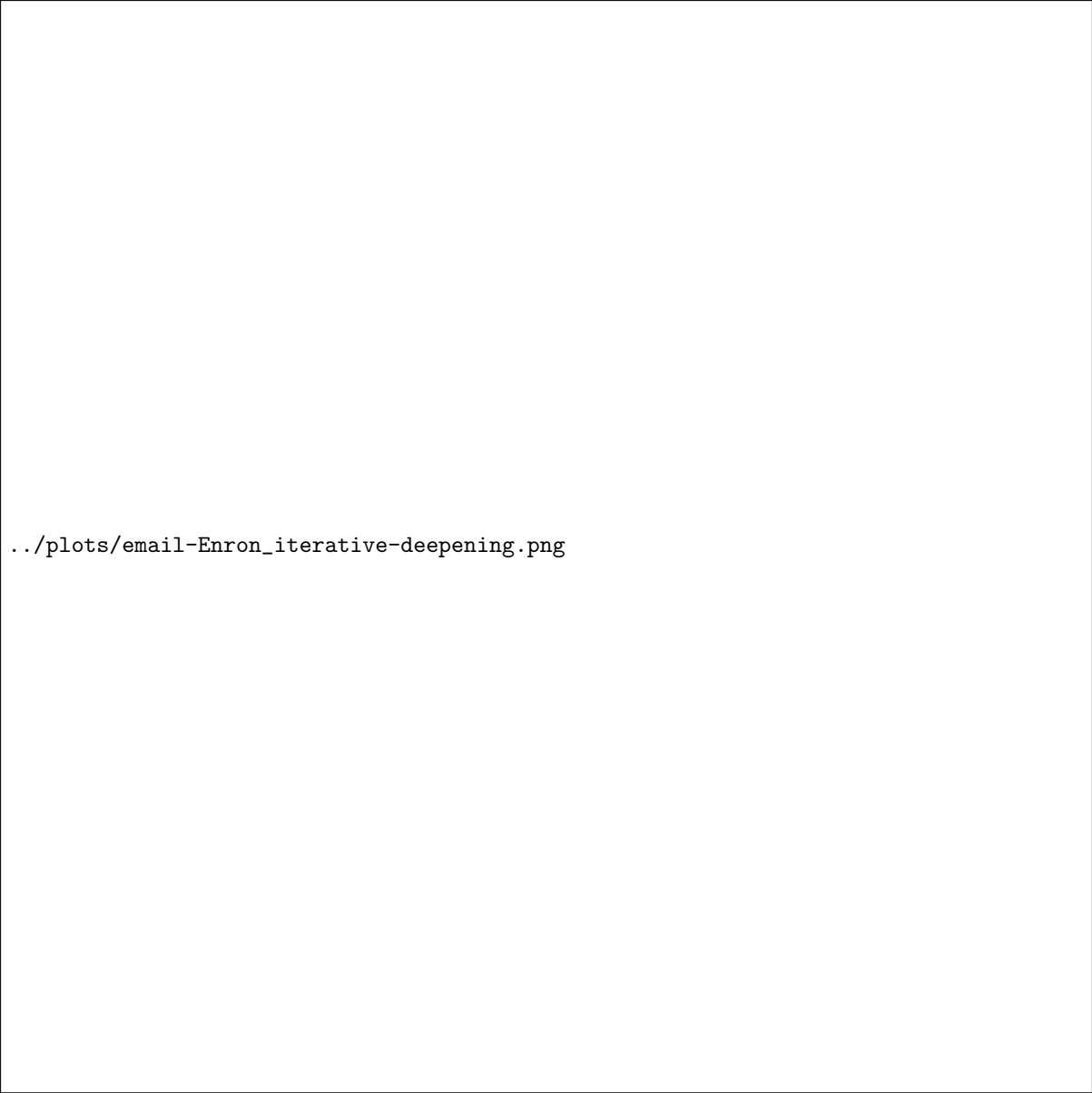
`../plots/soc-sign-bitcoinalpha.csv_bi-directional.png`

Figure 8: Grafico: breadth-first su com-lj.ungraph



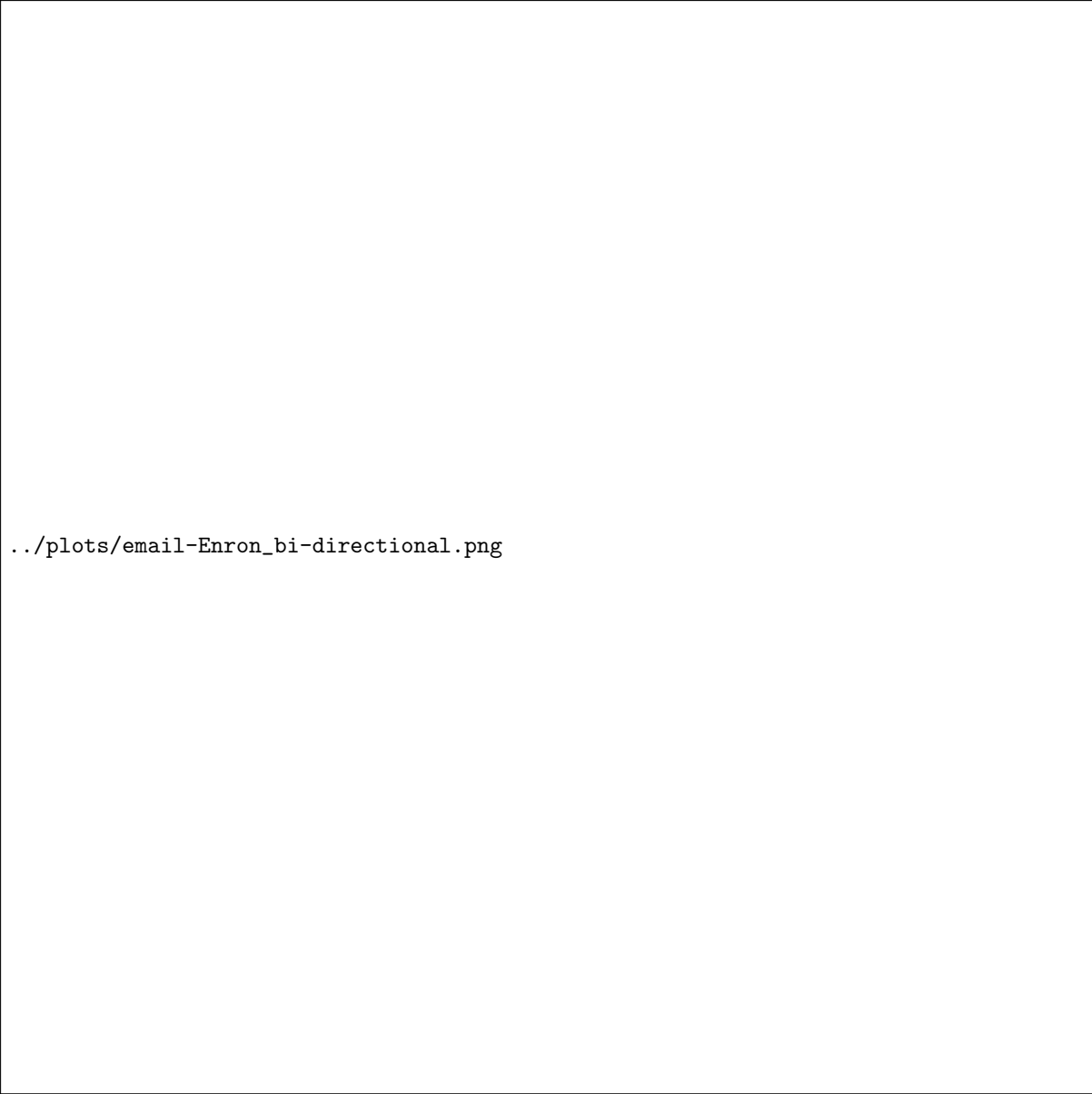
`../plots/email-Enron_depth-limited.png`

Figure 9: Grafico: breadth-first su com-lj.ungraph



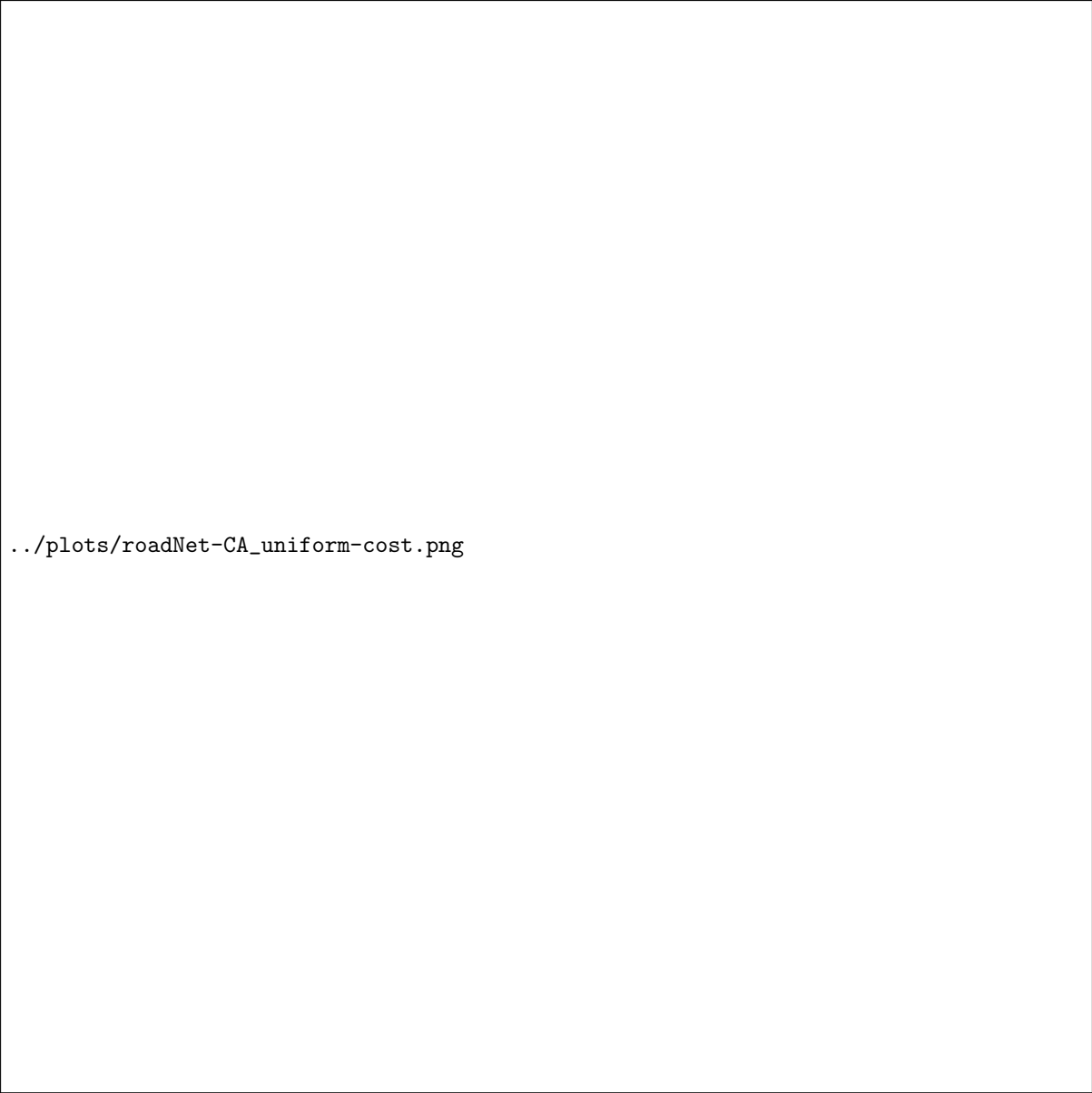
`../plots/email-Enron_iterative-deepening.png`

Figure 10: Grafico: breadth-first su com-lj.ungraph



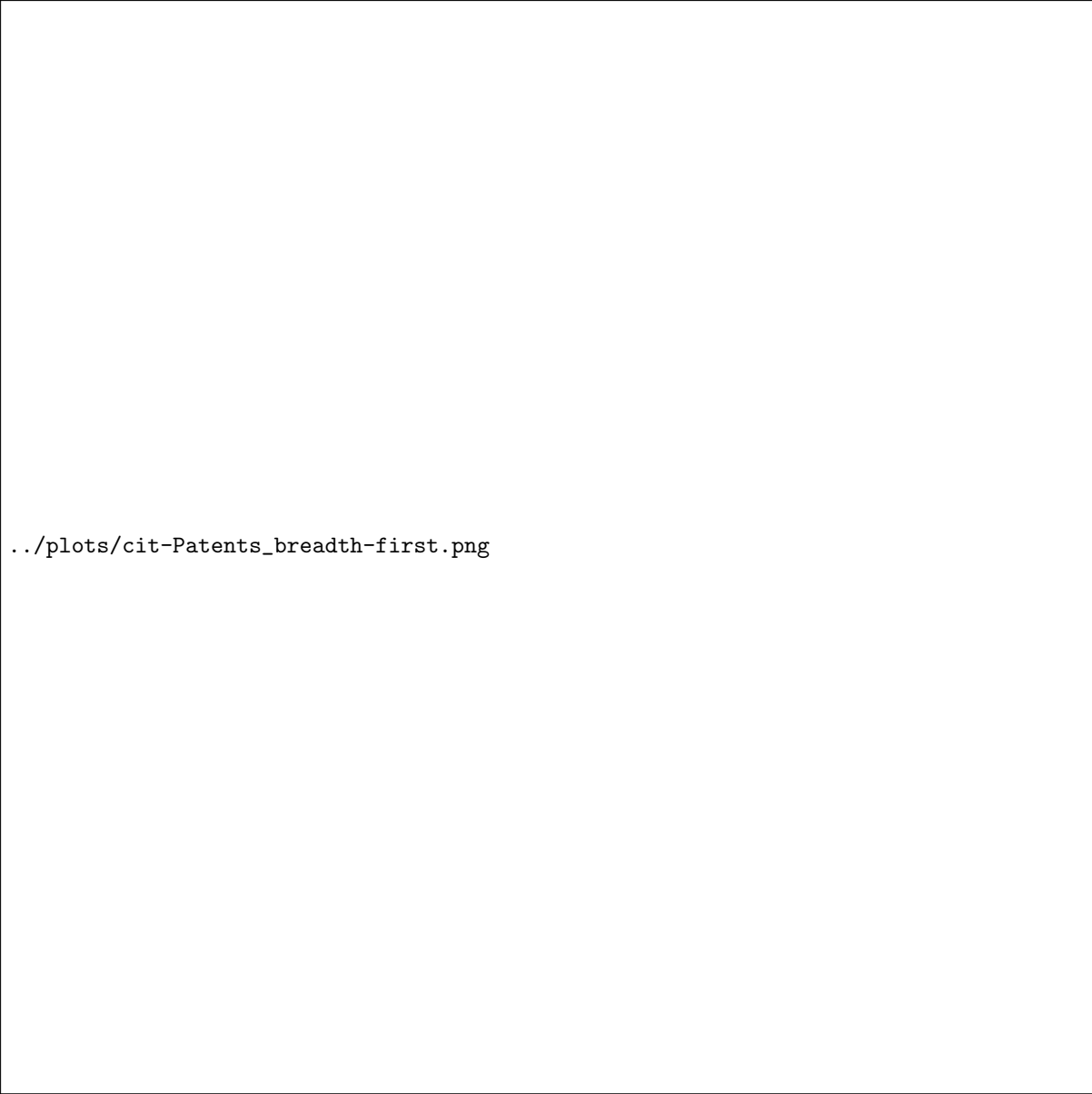
`../plots/email-Enron_bi-directional.png`

Figure 11: Grafico: breadth-first su com-lj.ungraph



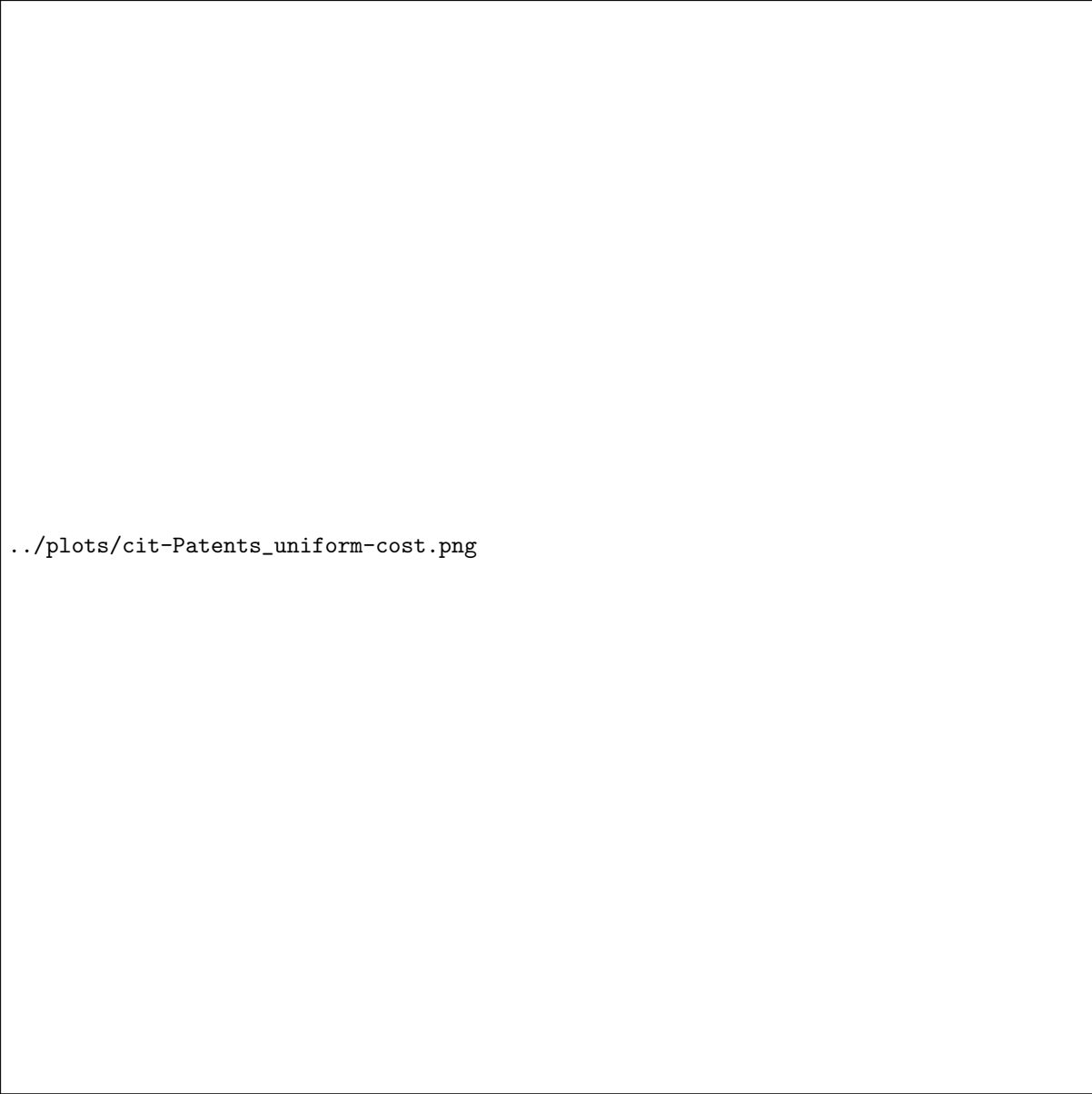
`../plots/roadNet-CA_uniform-cost.png`

Figure 12: Grafico: breadth-first su com-lj.ungraph



`../plots/cit-Patents_breadth-first.png`

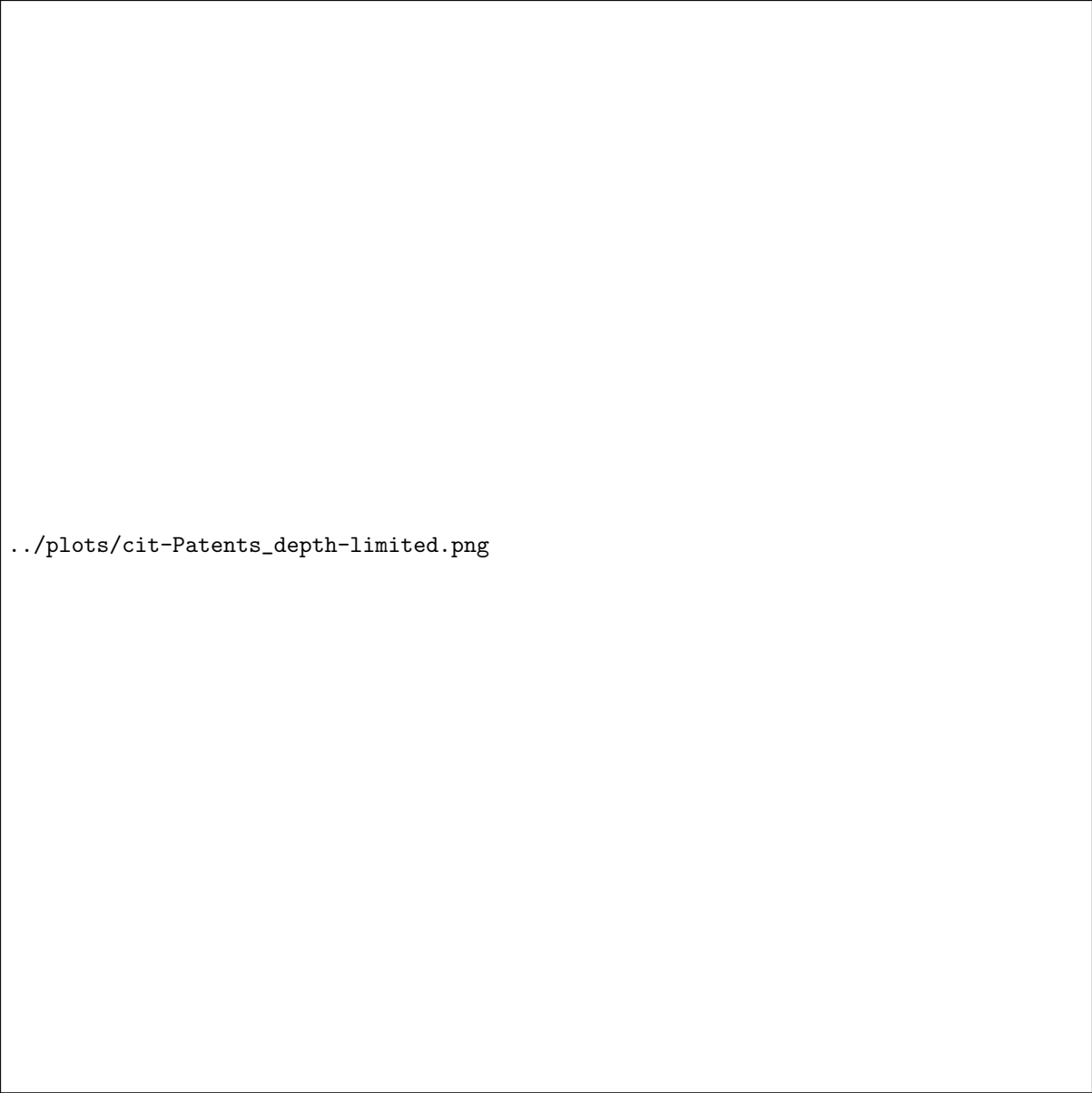
Figure 13: Grafico: breadth-first su com-lj.ungraph



`../plots/cit-Patents_uniform-cost.png`

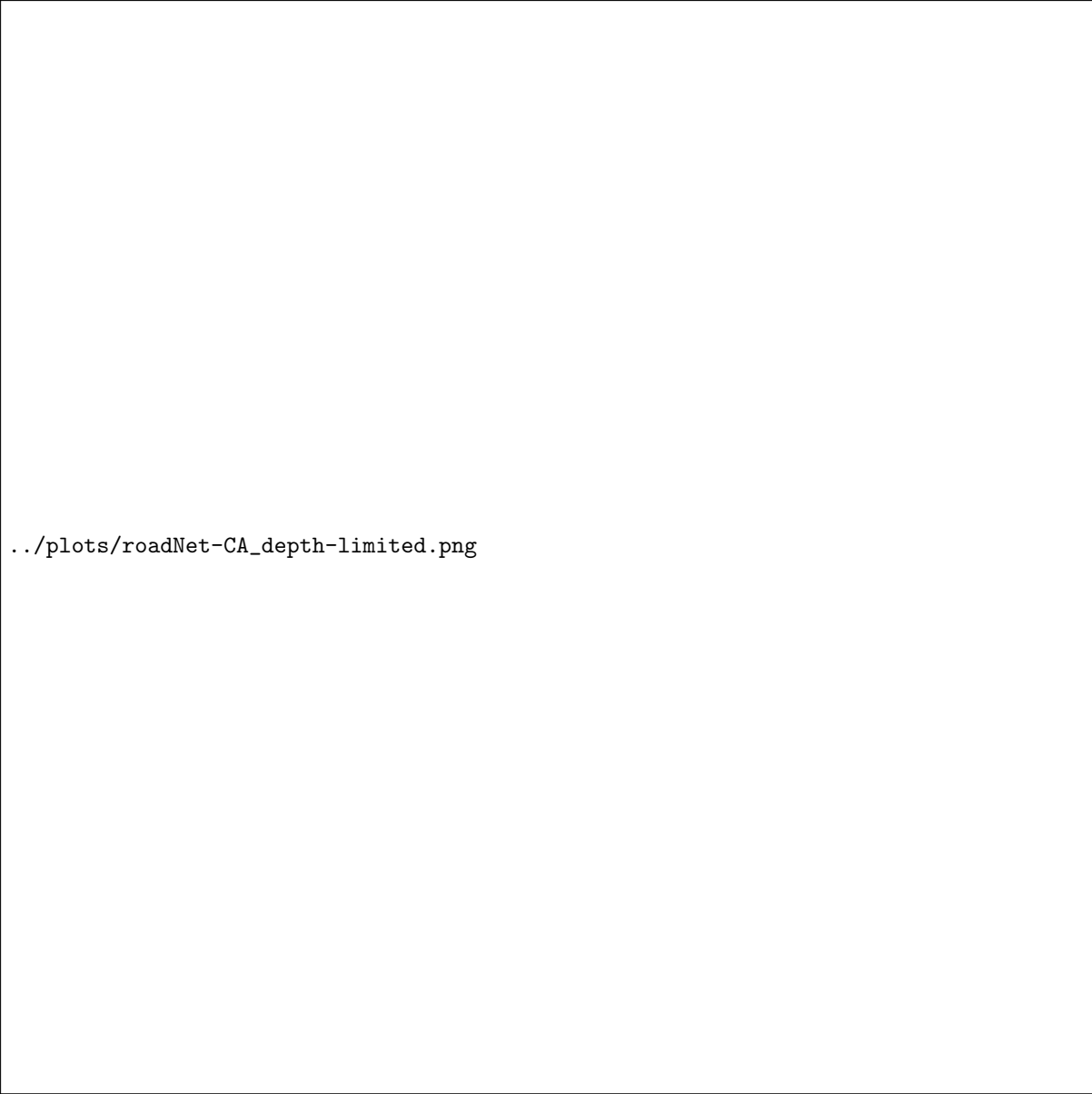
Figure 14: Grafico: breadth-first su com-lj.ungraph





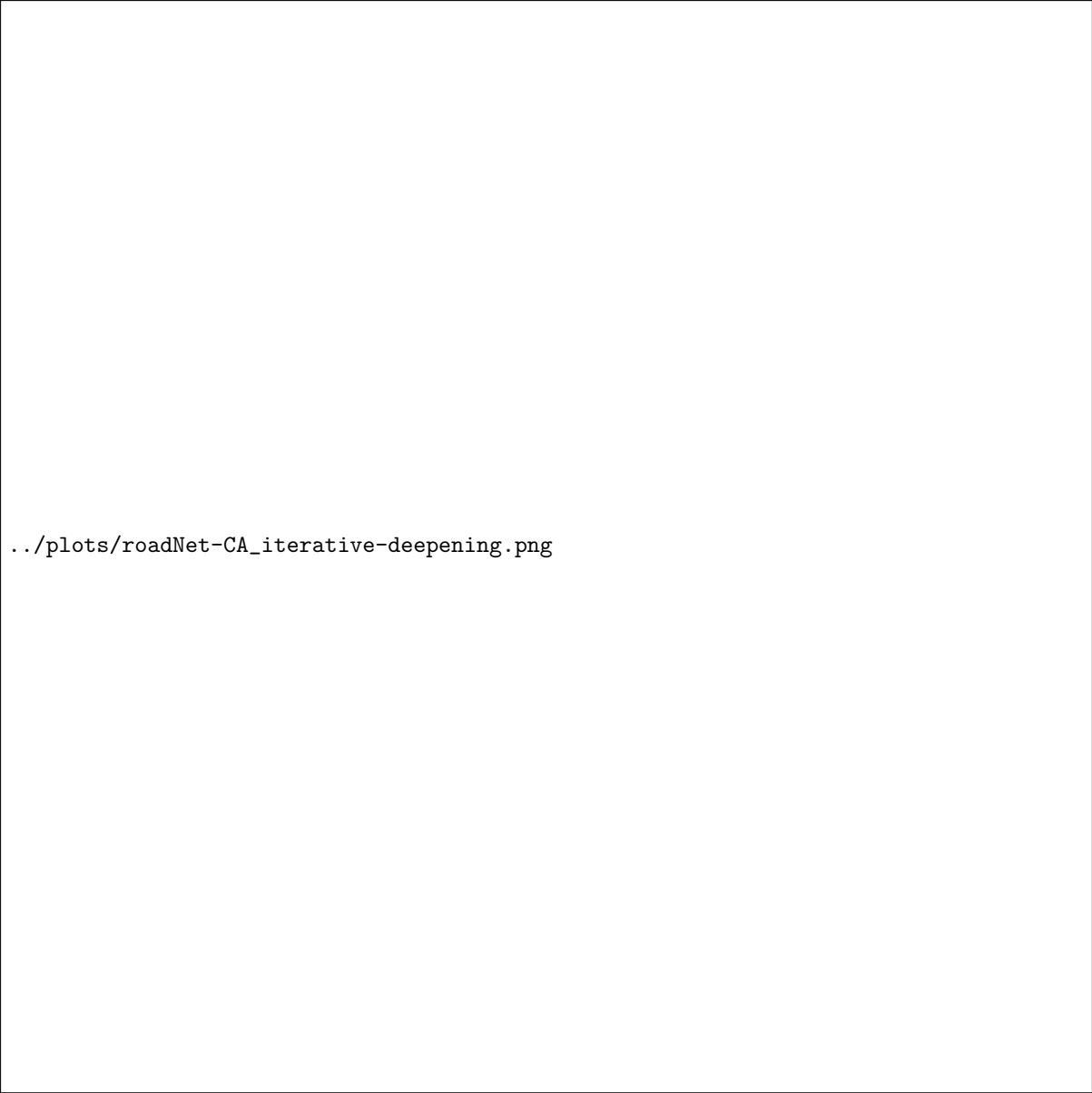
`../plots/cit-Patents_depth-limited.png`

Figure 15: Grafico: breadth-first su com-lj.ungraph



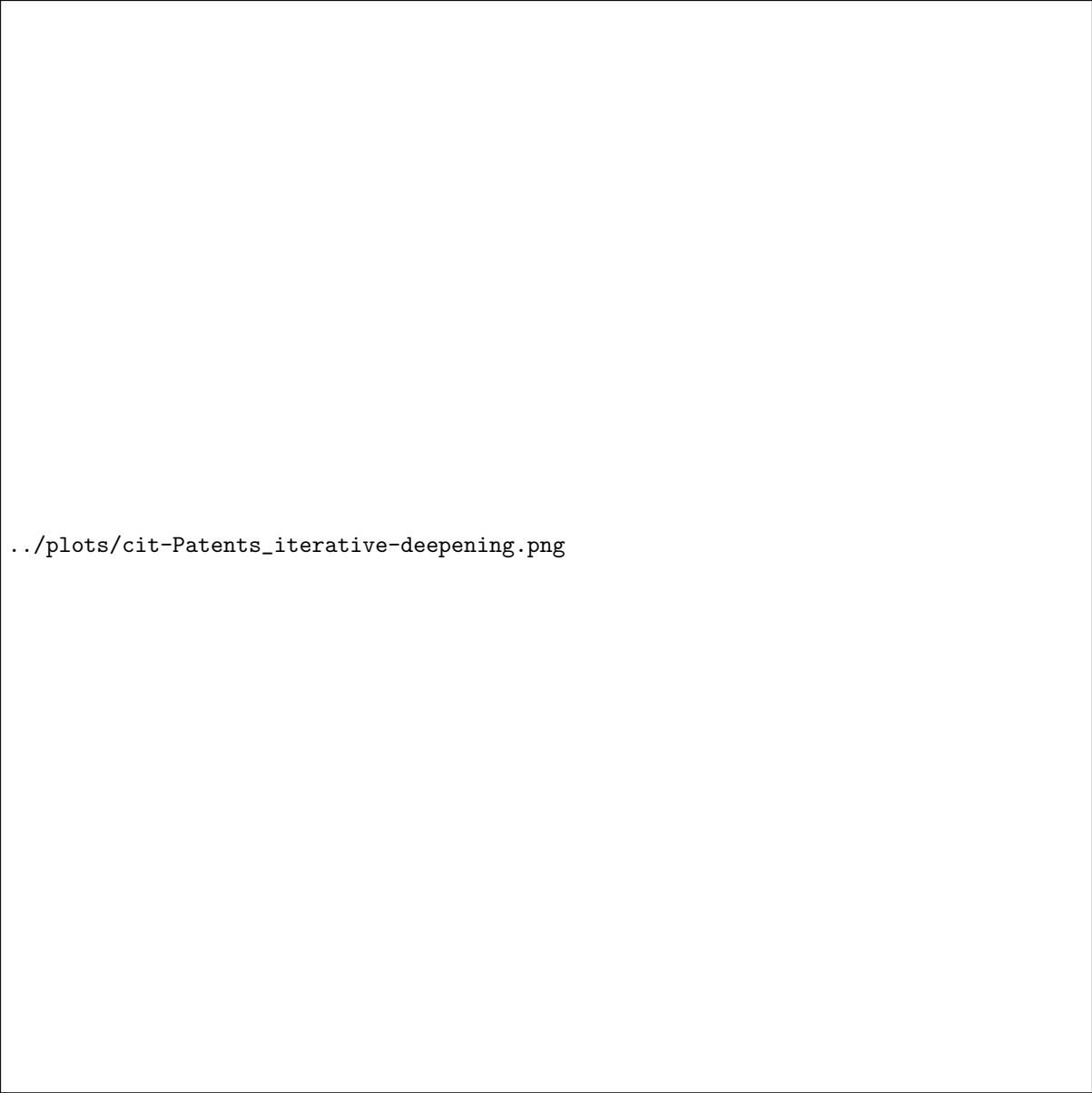
`../plots/roadNet-CA_depth-limited.png`

Figure 16: Grafico: breadth-first su com-lj.ungraph



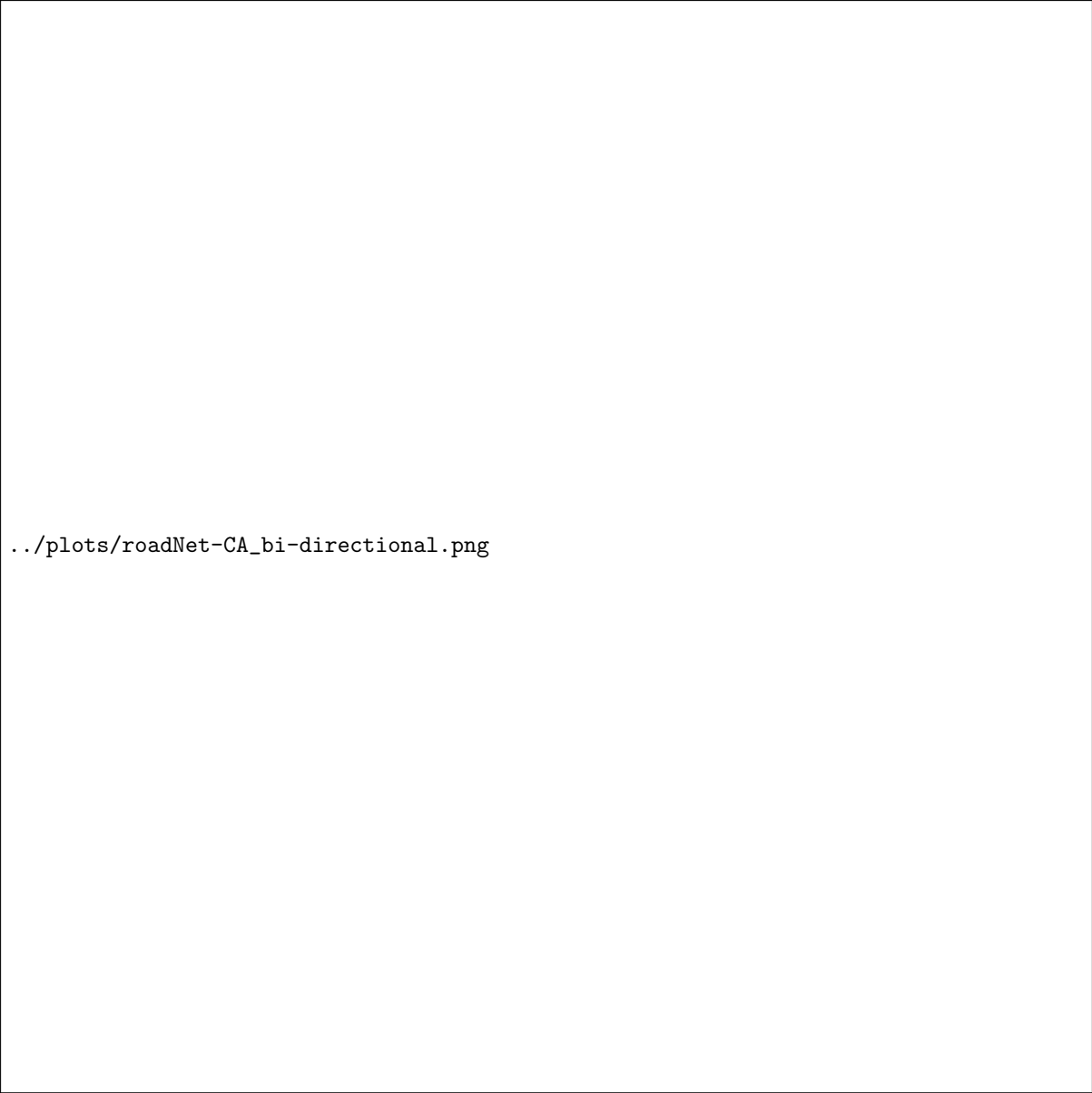
`../plots/roadNet-CA_iterative-deepening.png`

Figure 17: Grafico: breadth-first su com-lj.ungraph



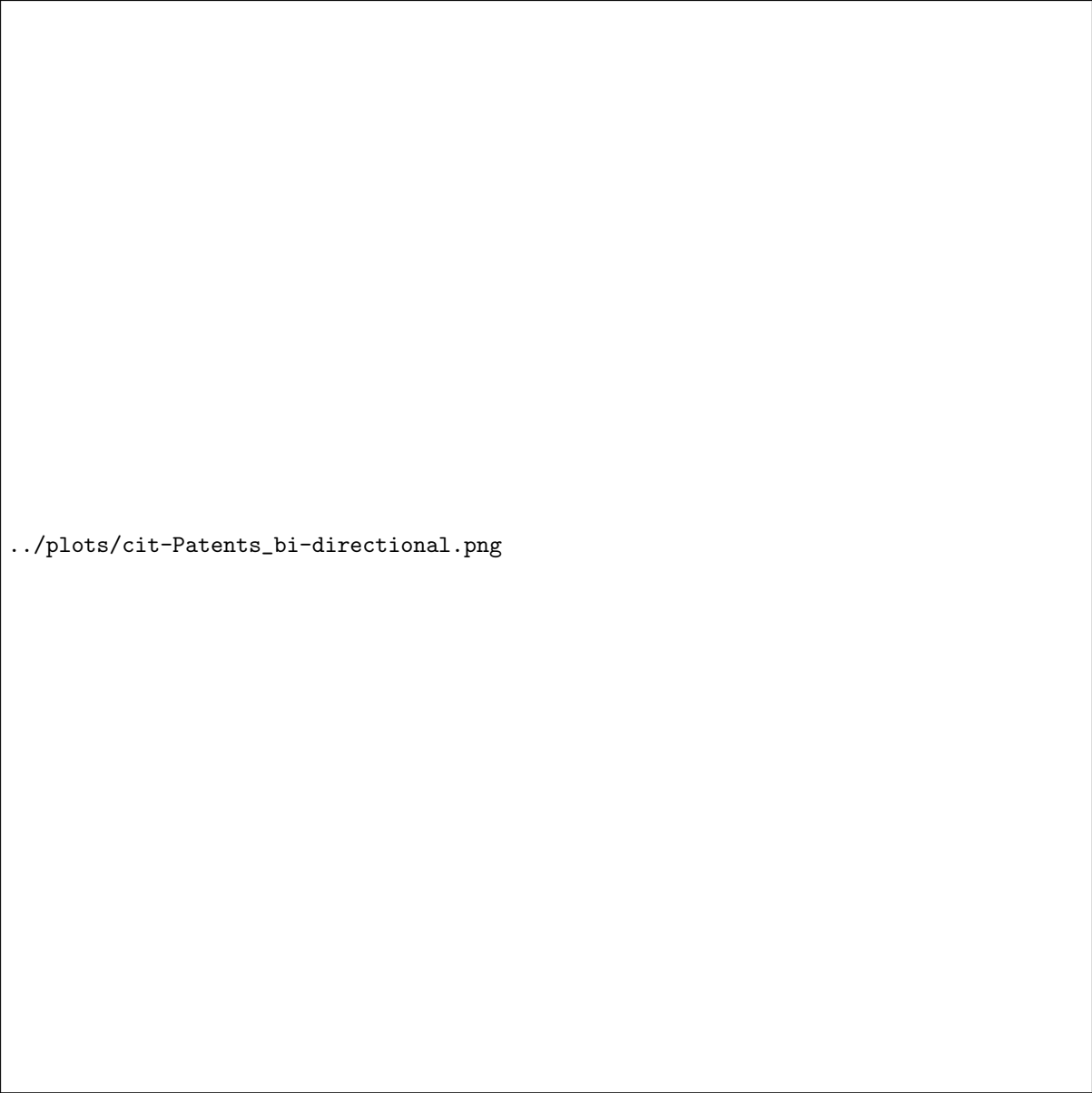
`../plots/cit-Patents_iterative-deepening.png`

Figure 18: Grafico: breadth-first su com-lj.ungraph



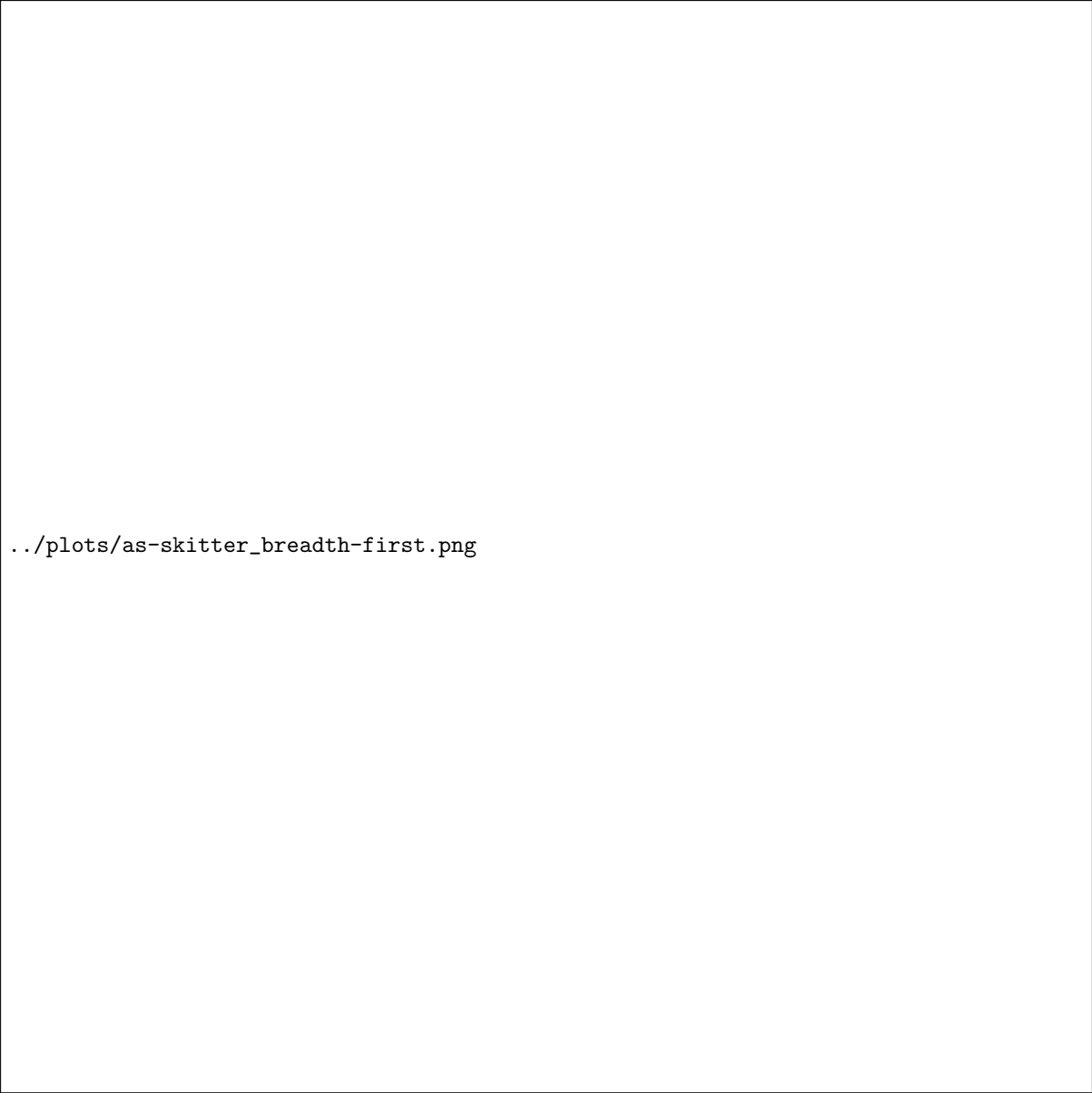
`../plots/roadNet-CA_bi-directional.png`

Figure 19: Grafico: breadth-first su com-lj.ungraph



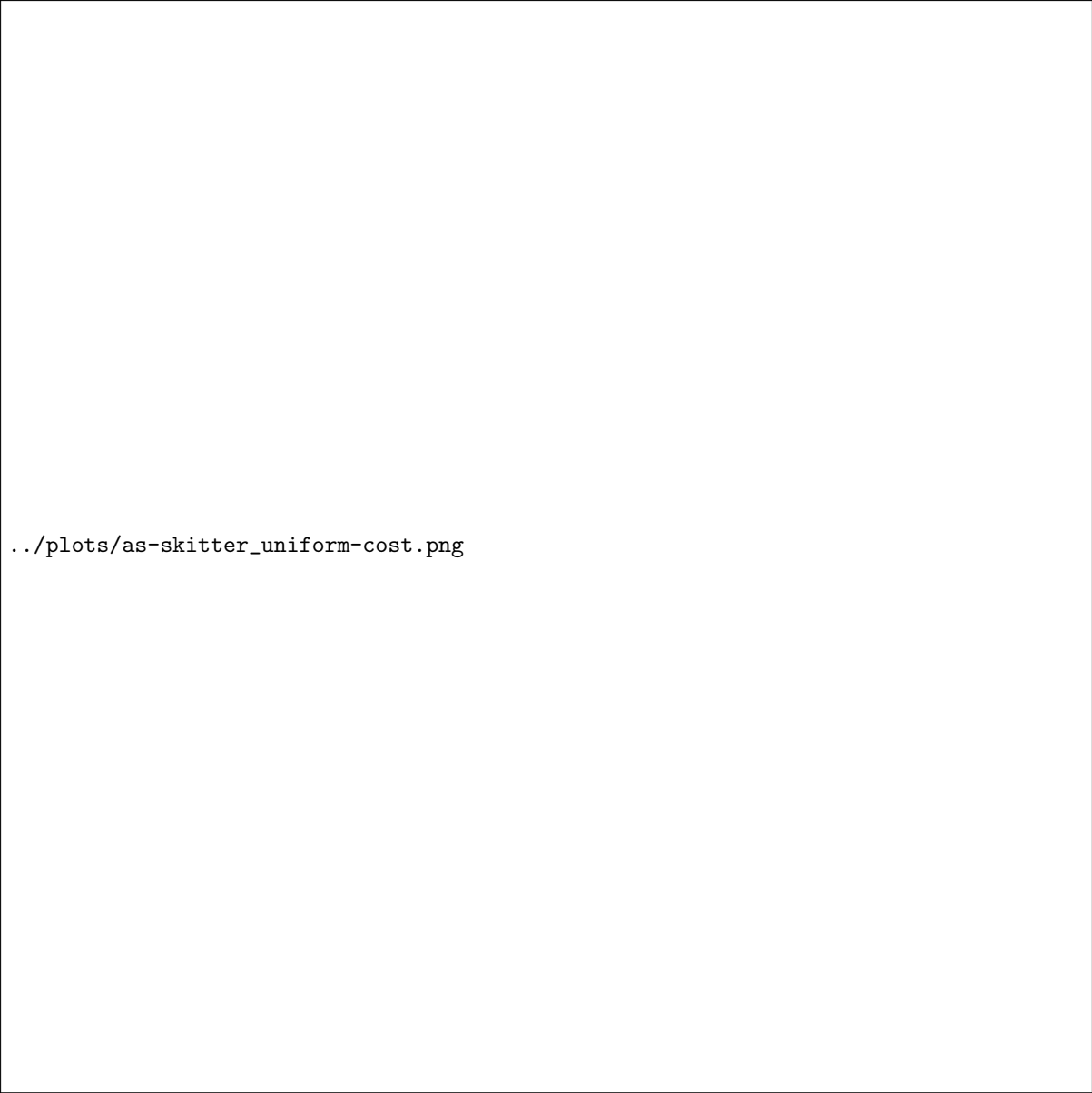
`../plots/cit-Patents_bi-directional.png`

Figure 20: Grafico: breadth-first su com-lj.ungraph



`../plots/as-skitter_breadth-first.png`

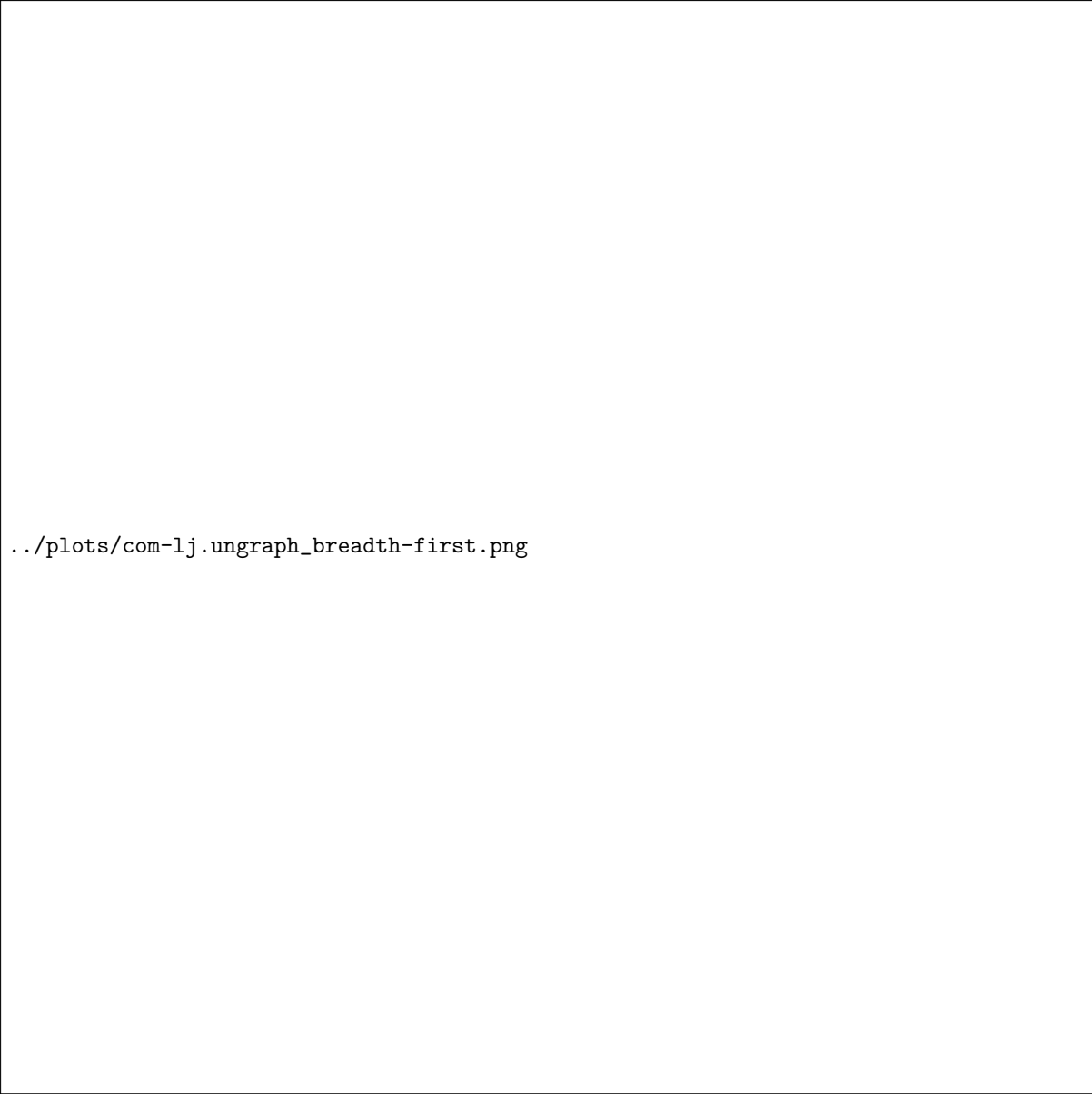
Figure 21: Grafico: breadth-first su com-lj.ungraph



`../plots/as-skitter_uniform-cost.png`

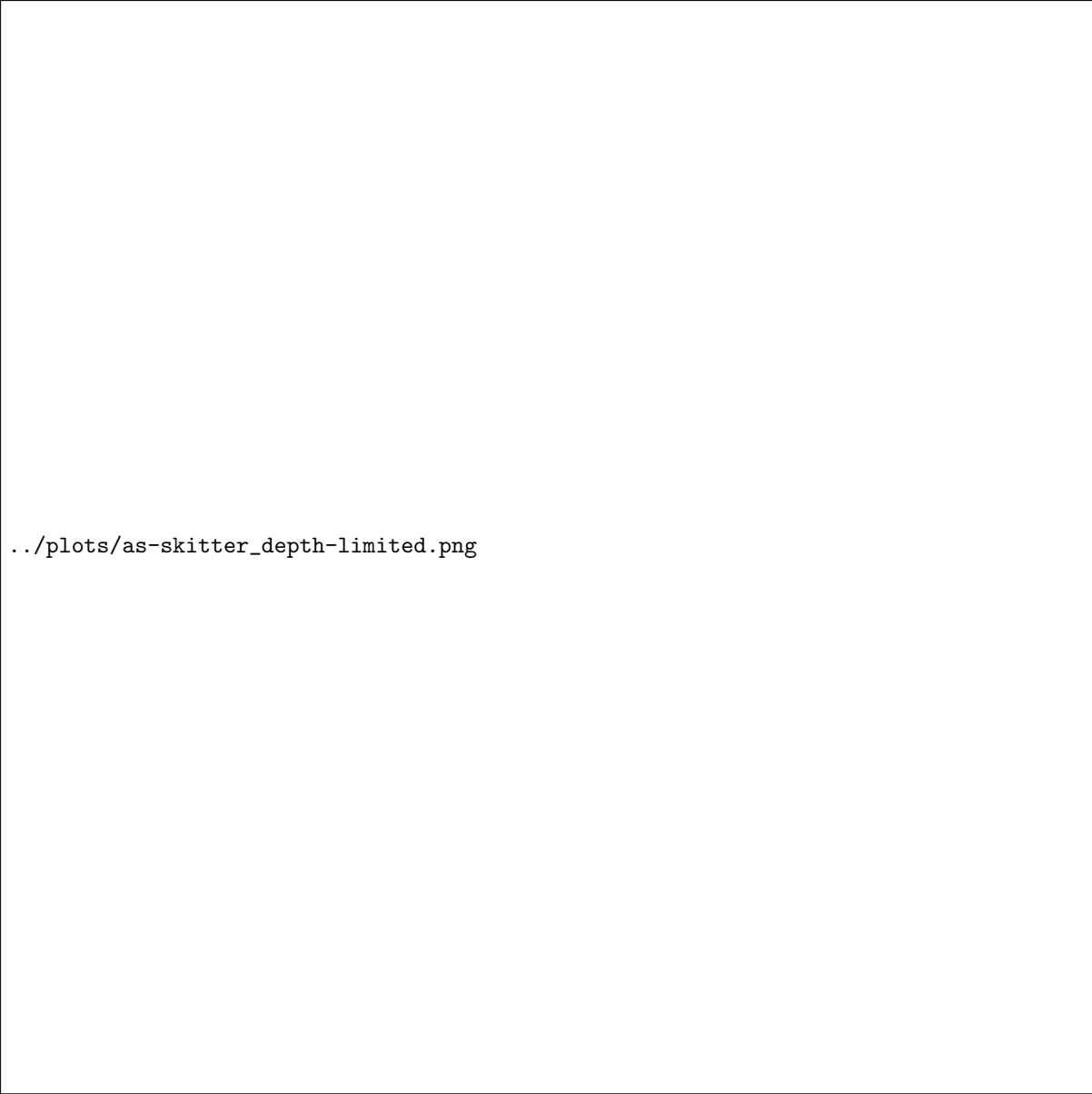
Figure 22: Grafico: breadth-first su com-lj.ungraph





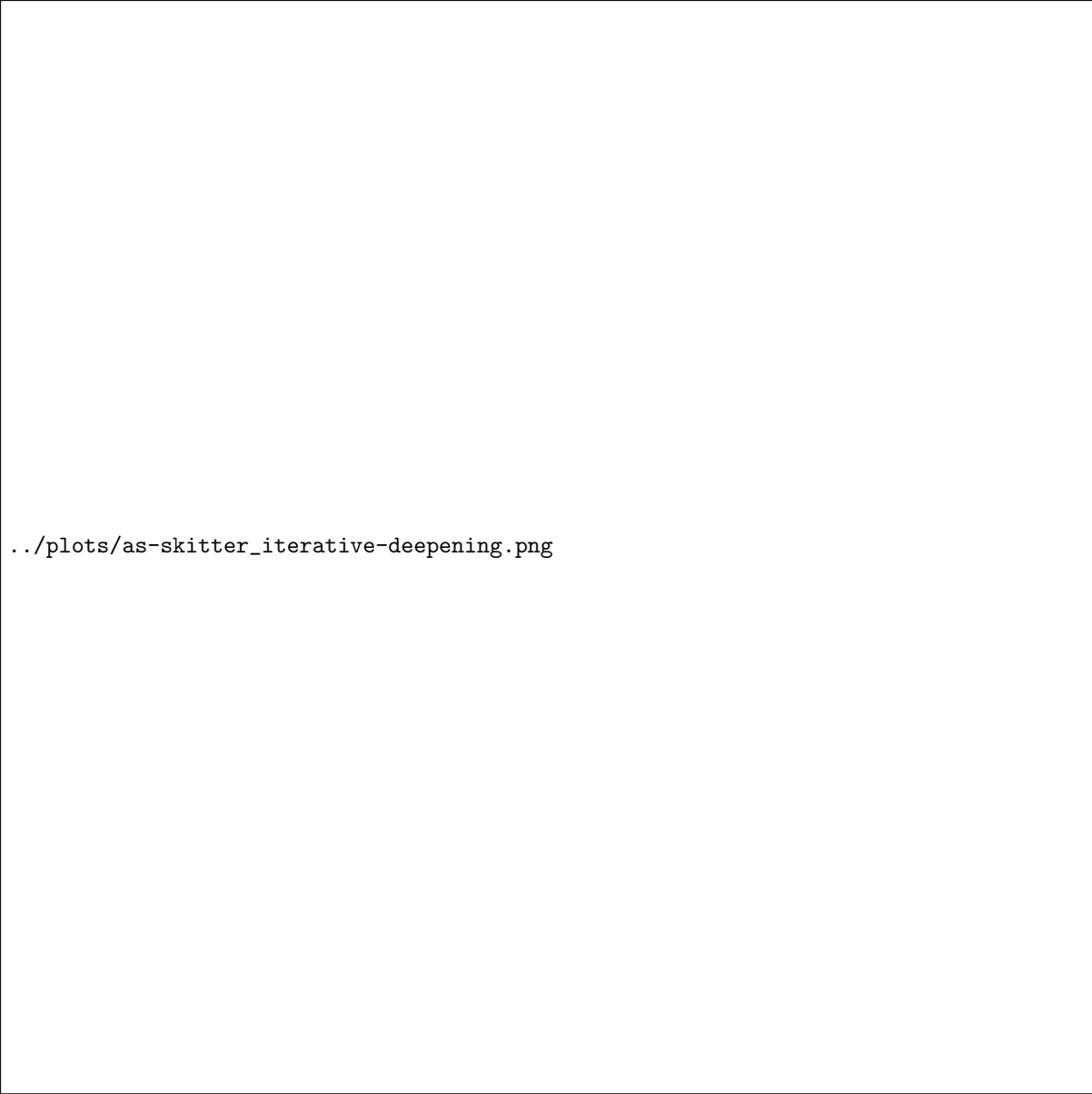
`../plots/com-lj.ungraph_breadth-first.png`

Figure 23: Grafico: breadth-first su com-lj.ungraph



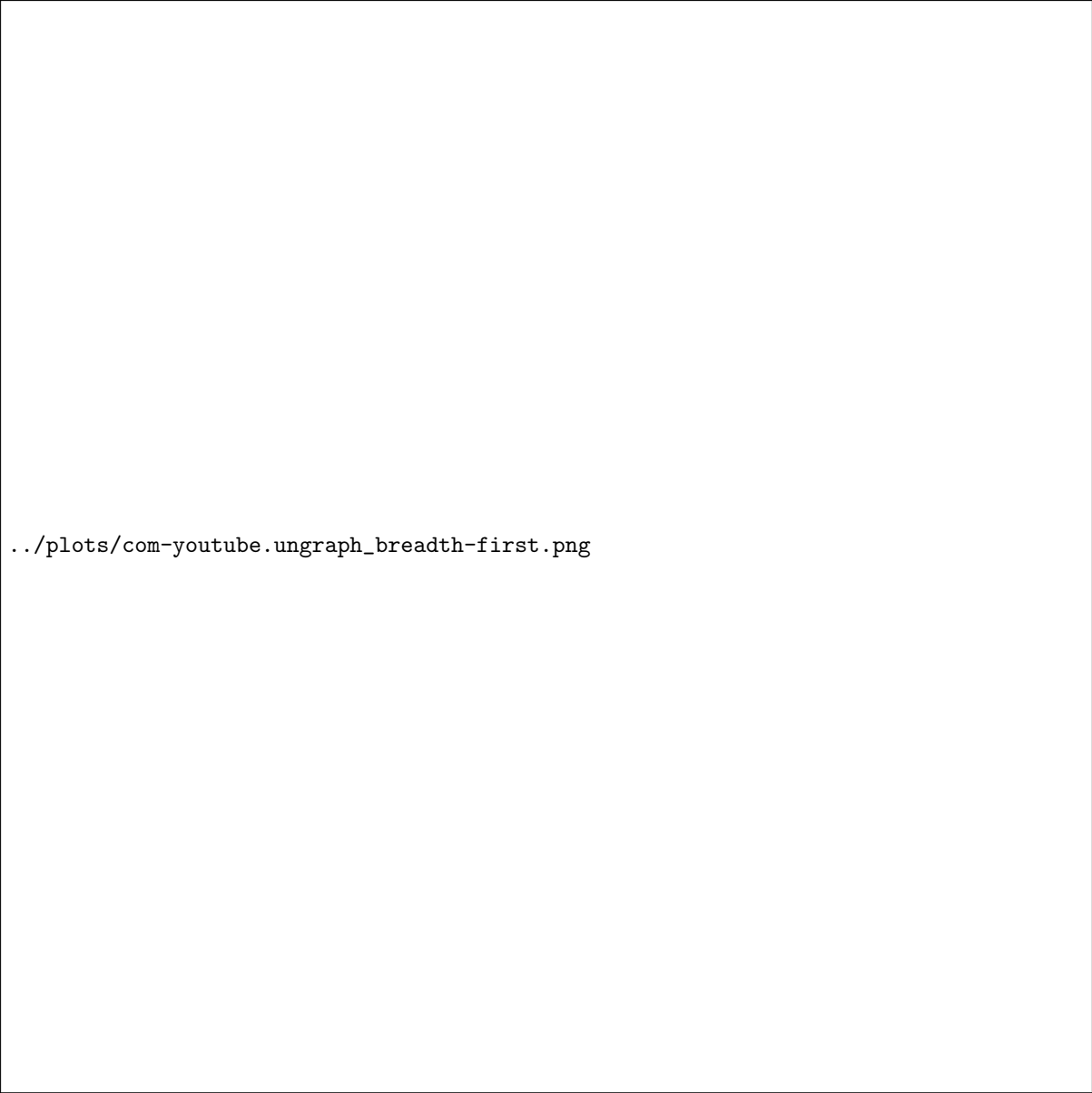
`../plots/as-skitter_depth-limited.png`

Figure 24: Grafico: breadth-first su com-lj.ungraph



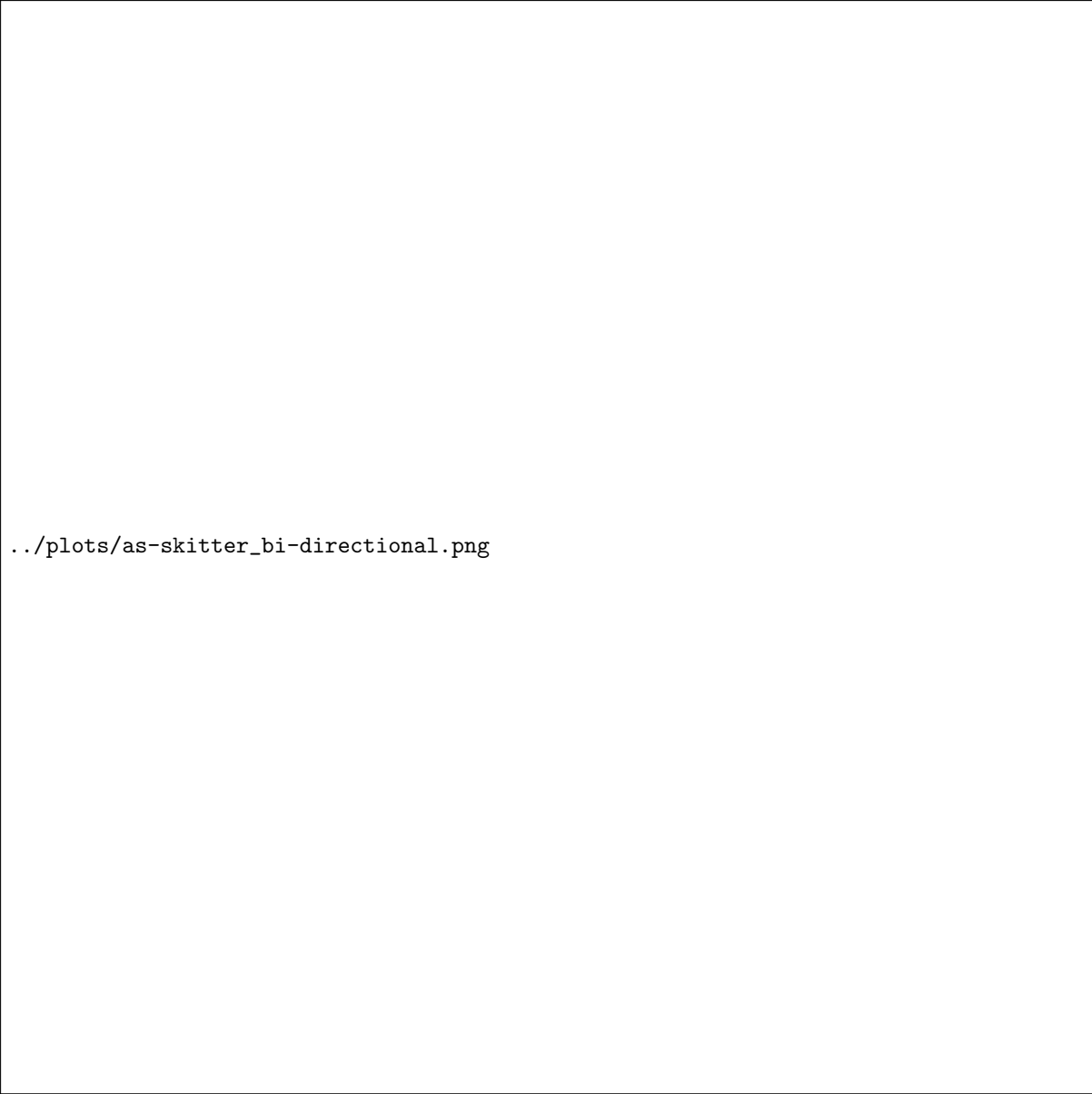
`../plots/as-skitter_iterative-deepening.png`

Figure 25: Grafico: breadth-first su com-lj.ungraph



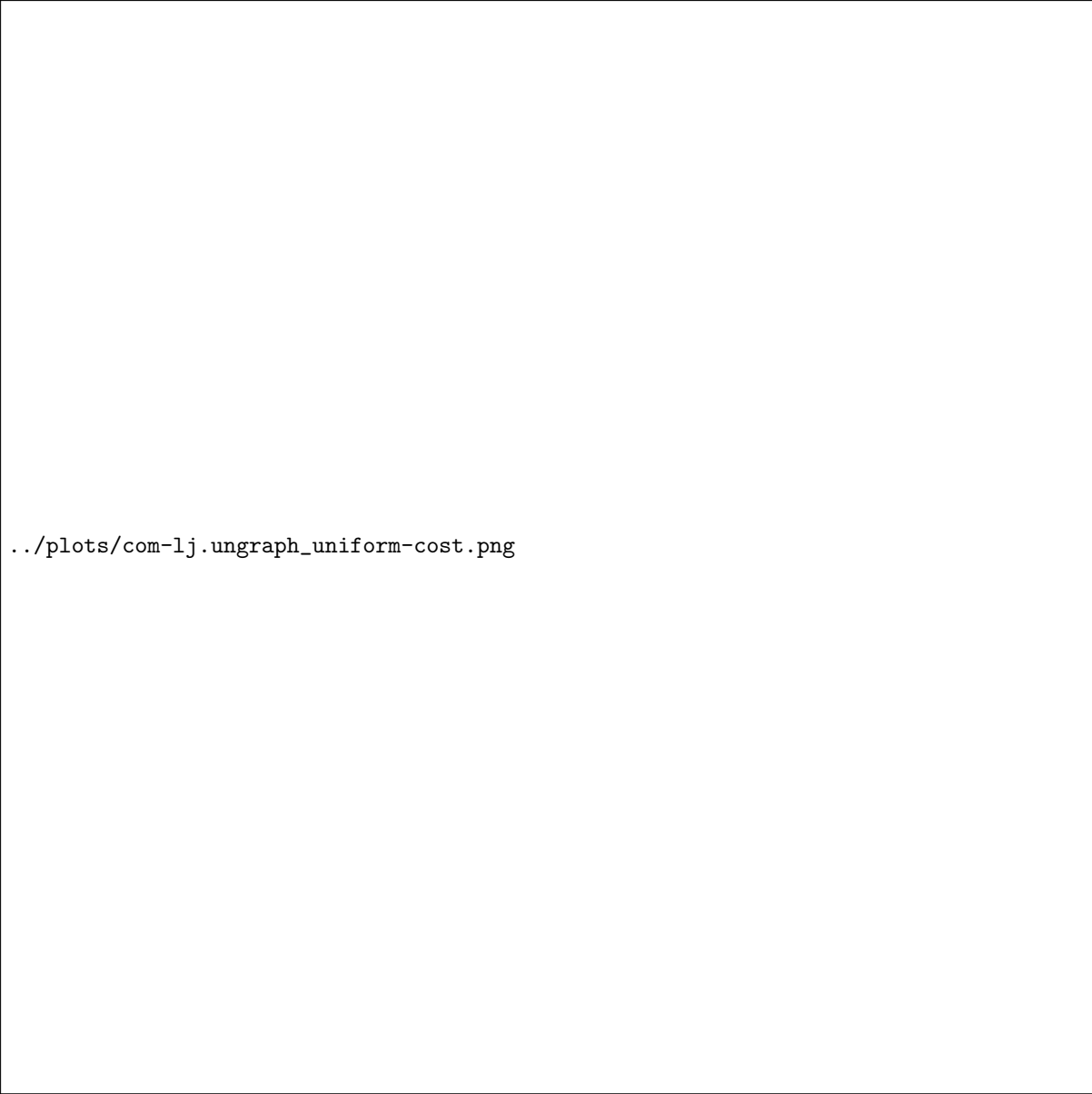
`../plots/com-youtube.ungraph_breadth-first.png`

Figure 26: Grafico: breadth-first su com-lj.ungraph



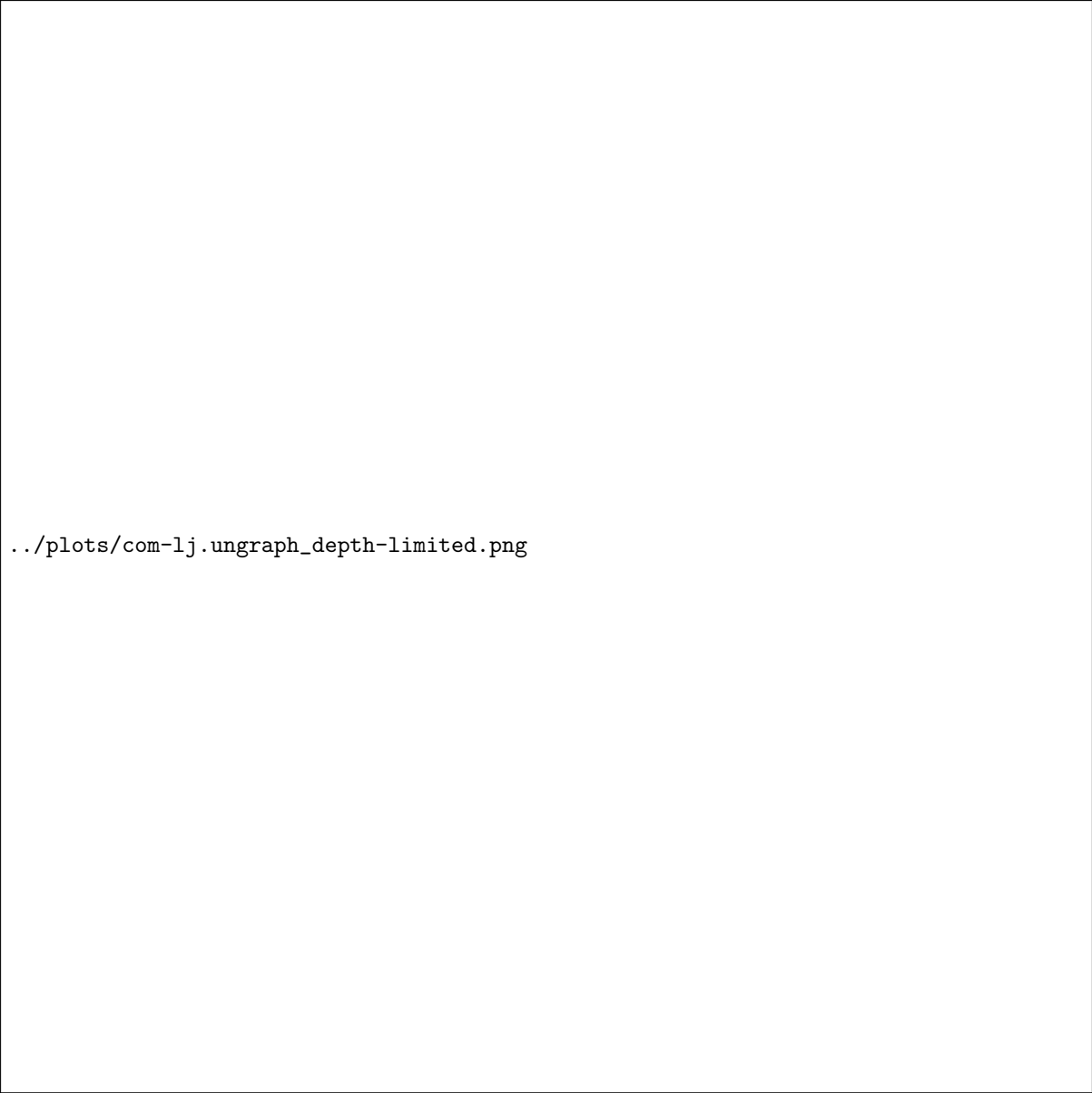
`../plots/as-skitter_bi-directional.png`

Figure 27: Grafico: breadth-first su com-lj.ungraph



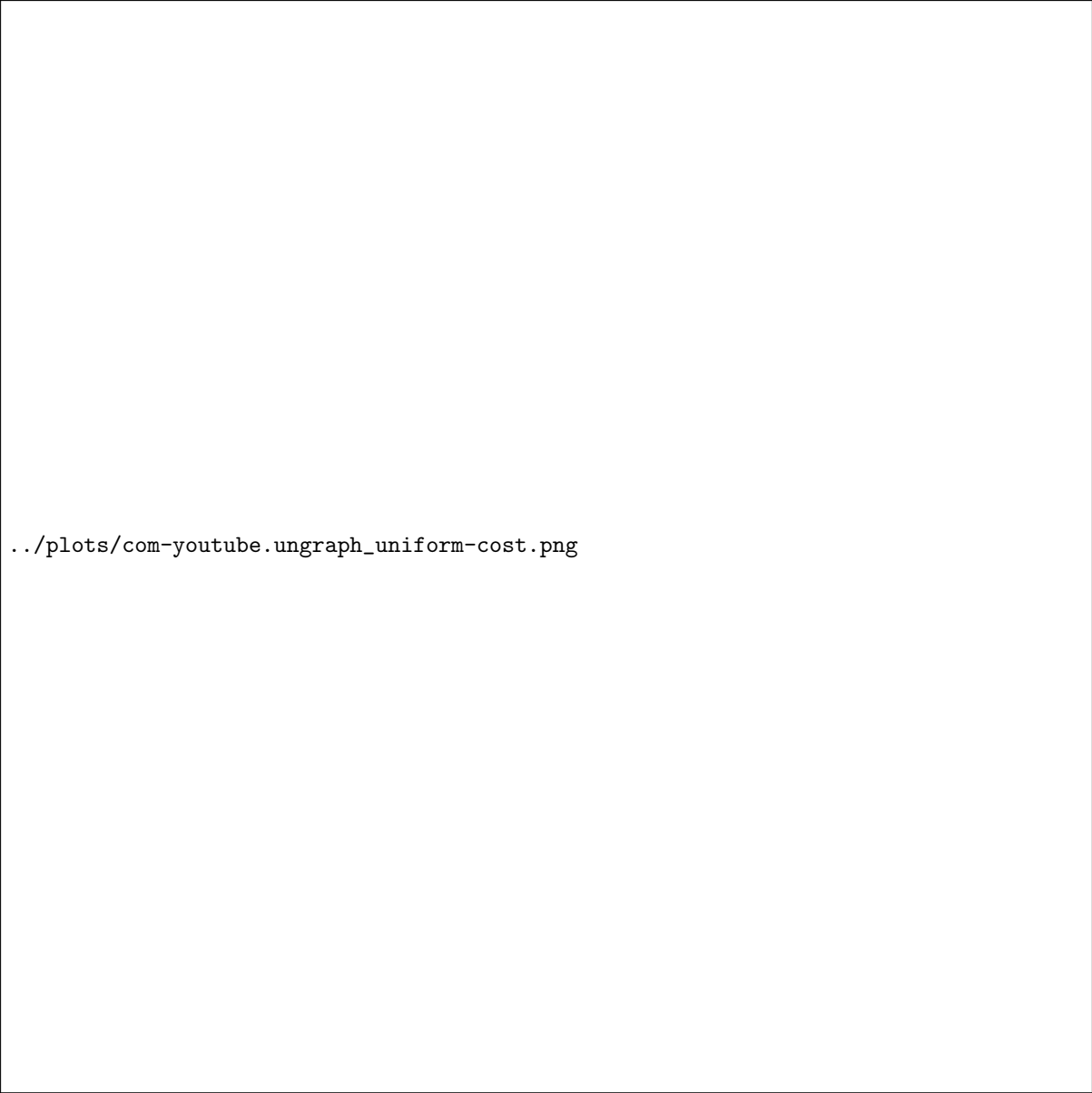
`../plots/com-lj.ungraph_uniform-cost.png`

Figure 28: Grafico: breadth-first su com-lj.ungraph



`../plots/com-lj.ungraph_depth-limited.png`

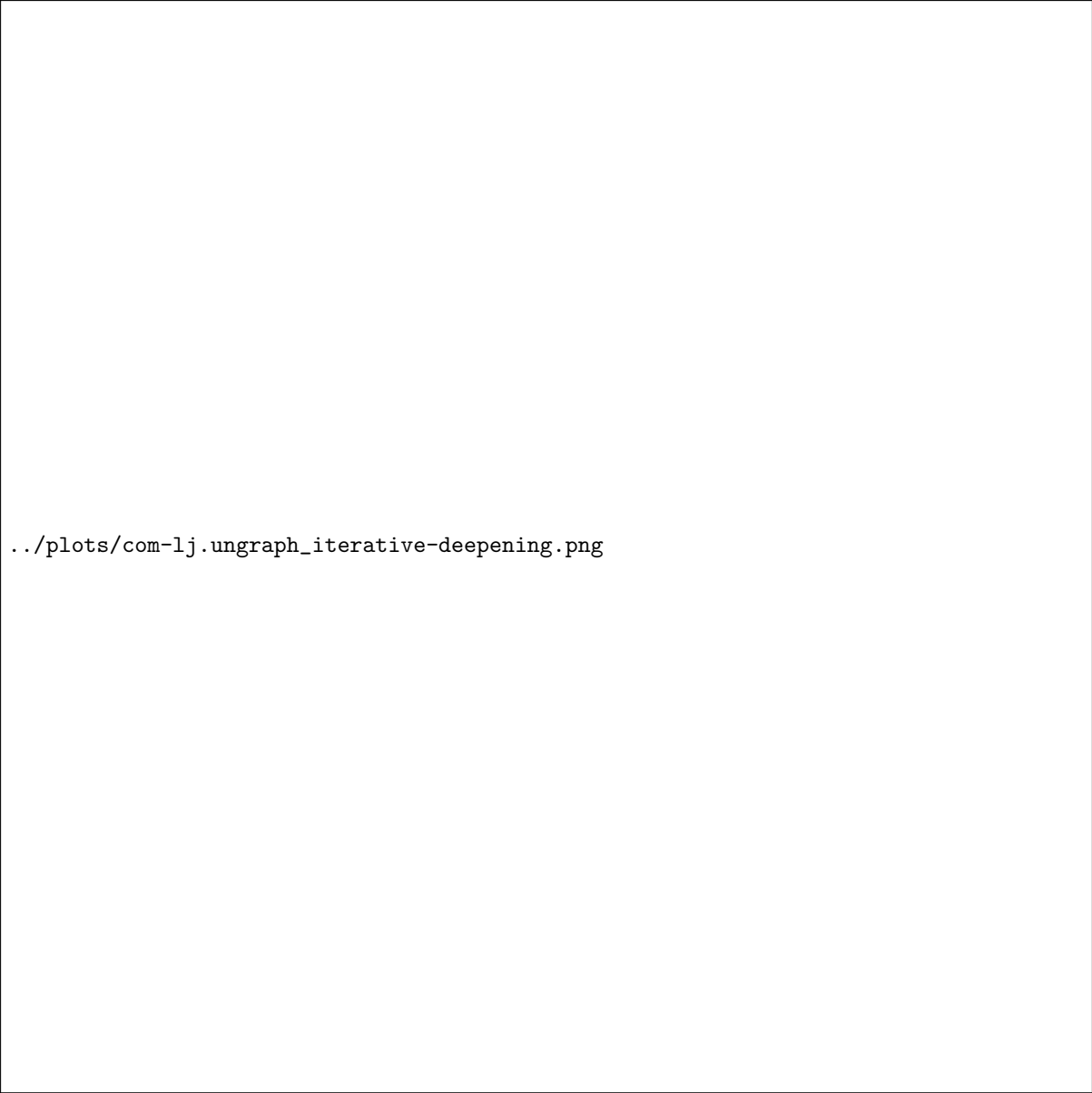
Figure 29: Grafico: breadth-first su com-lj.ungraph



`../plots/com-youtube.ungraph_uniform-cost.png`


Figure 30: Grafico: breadth-first su com-lj.ungraph






`../plots/com-lj.ungraph_iterative-deepening.png`

Figure 31: Grafico: breadth-first su com-lj.ungraph



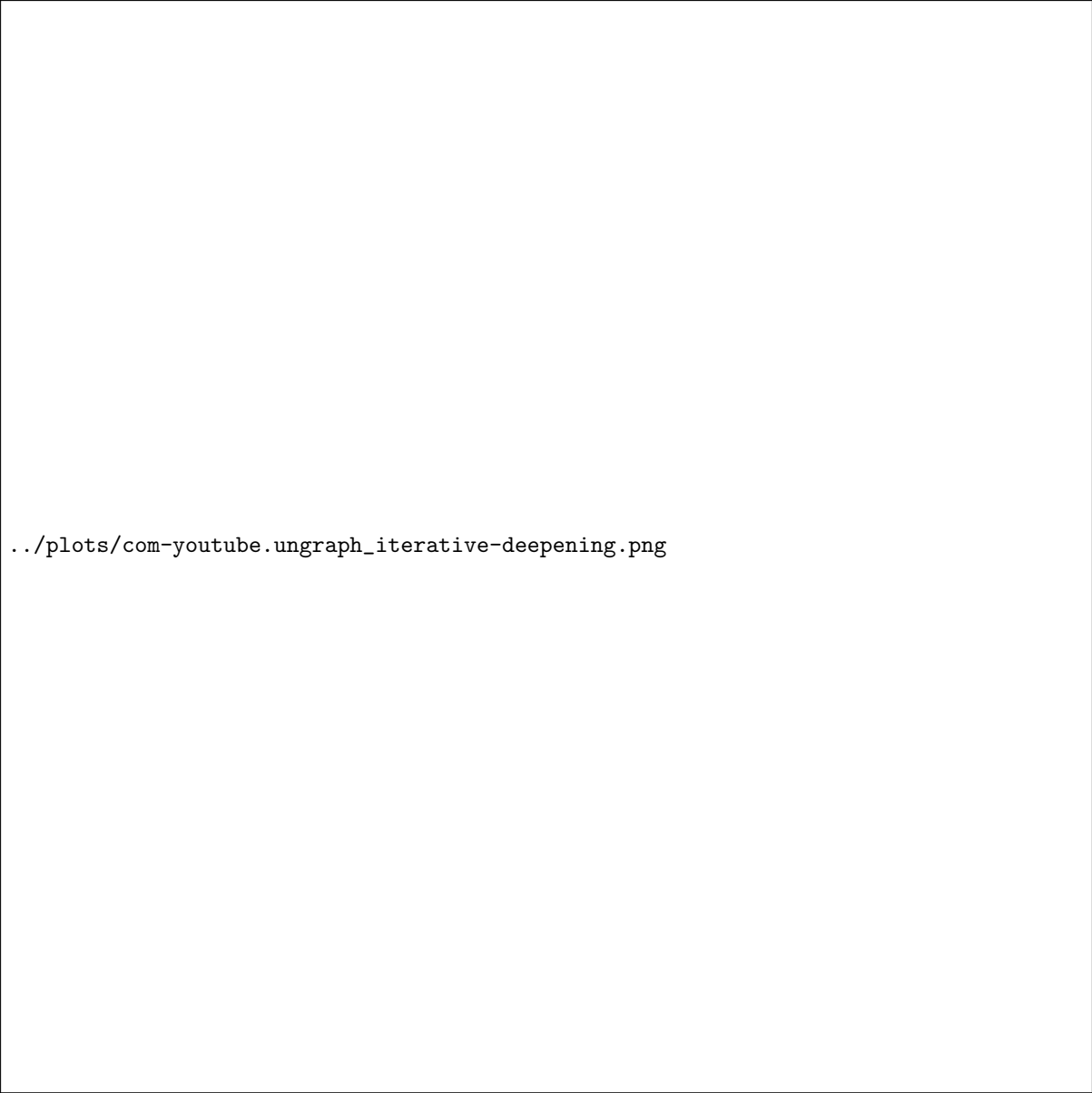
`../plots/com-youtube.ungraph_depth-limited.png`

Figure 32: Grafico: breadth-first su com-lj.ungraph




`../plots/com-lj.ungraph_bi-directional.png`

Figure 33: Grafico: breadth-first su com-lj.ungraph



`../plots/com-youtube.ungraph_iterative-deepening.png`

Figure 34: Grafico: breadth-first su com-lj.ungraph



`../plots/com-youtube.ungraph_bi-directional.png`

Figure 35: Grafico: breadth-first su com-lj.ungraph