

Min-cost flow (circulation), with capacity 1 and cost 1 for each edge.  $\tilde{O}((m + n^{1.5}) \log^2 W)$  [1].

## References

- [1] Jan van den Brand, Yin-Tat Lee, Danupon Nanongkai, Richard Peng, Thatchaphol Saranurak, Aaron Sidford, Zhao Song, and Di Wang. Bipartite matching in nearly-linear time on moderately dense graphs. *arXiv e-prints*, pages arXiv–2009, 2020.