

CS254: Algorithmic Graph Theory

[View Online](#)

[1]

T. H. Cormen, Introduction to algorithms, 3rd ed. Cambridge, Mass: MIT Press, 2009.
Available: <https://go.exlibris.link/GWX5xDSh>

[2]

D. Jungnickel, Graphs, networks, and algorithms, 4th edition., vol. Algorithms and computation in mathematics. Berlin, Heidelberg: Springer, 2013. Available: <https://go.exlibris.link/H2vJzS7y>

[3]

K. Mehlhorn, Data Structures and Algorithms 1: Sorting and Searching. Springer, 2011.
Available: <https://go.exlibris.link/H52JDVSb>

[4]

K. Mehlhorn, Data Structures and Algorithms 2: Graph Algorithms and NP-Completeness. Springer, 2011. Available: <https://go.exlibris.link/Ss6LSVLm>

[5]

Data Structures and Algorithms 3: Multi-Dimensional Searching and Computational Geometry. Springer, 2012. Available: <https://go.exlibris.link/rBP2cs8h>

[6]

D. Jungnickel, Graphs, networks and algorithms, 4th ed. Springer-Verlag Berlin and

Heidelberg GmbH & Co. KG, 2014. Available: <https://go.exlibris.link/H2vjzS7y>

[7]

J. Kleinberg and É. Tardos, Algorithm design, First edition. Harlow, Essex: Pearson, 2014. Available: <https://ebookcentral.proquest.com/lib/warw/detail.action?docID=5173481>

[8]

J. Kleinberg and É. Tardos, Algorithm design, First edition. Harlow, Essex: Pearson, 2014. Available: <https://ebookcentral.proquest.com/lib/warw/detail.action?docID=5173481>

[9]

R. Diestel, Graph theory, Fifth edition., vol. 173. Berlin: Springer, 2017. Available: <https://go.exlibris.link/kydQCgTC>

[10]

J. L. Gross, J. Yellen, and M. Anderson, Graph theory and its applications, Third edition. Boca Raton: CRC Press, Taylor & Francis Group, 2019. Available: <https://go.exlibris.link/dMNRKLBy>

[11]

D. B. West, Introduction to graph theory, 2nd ed. Upper Saddle River, N.J.: Prentice Hall, 2001.