

Math 280: Graph Theory
Instructor: David Zureick-Brown (“DZB”)
GODY’s! (Graph Of The Day)

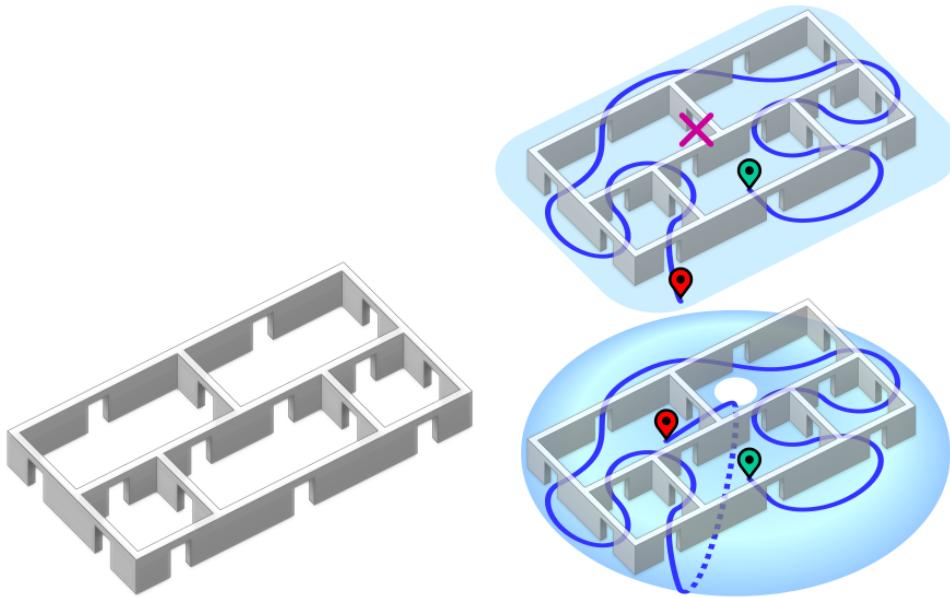
Last updated: September 11, 2024

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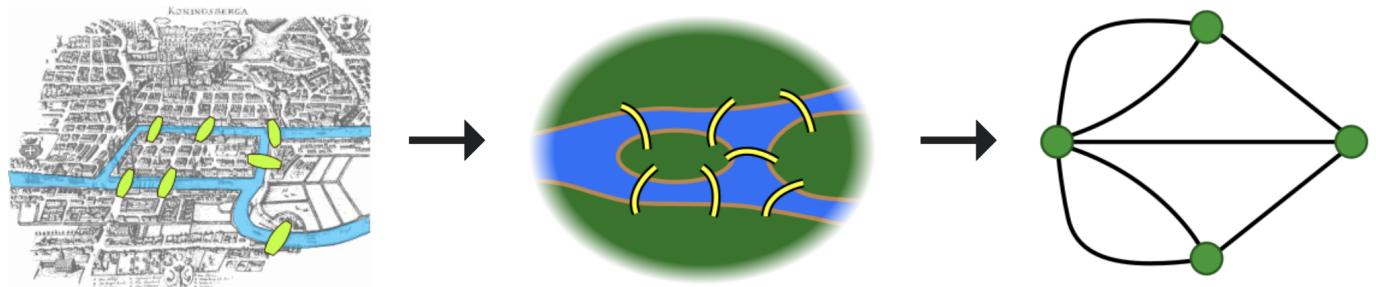
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1 Puzzle DZB couldn't solve in middle school

https://en.wikipedia.org/wiki/Five-room_puzzle



https://www.archimedes-lab.org/How_to_Solve/5_rooms.html

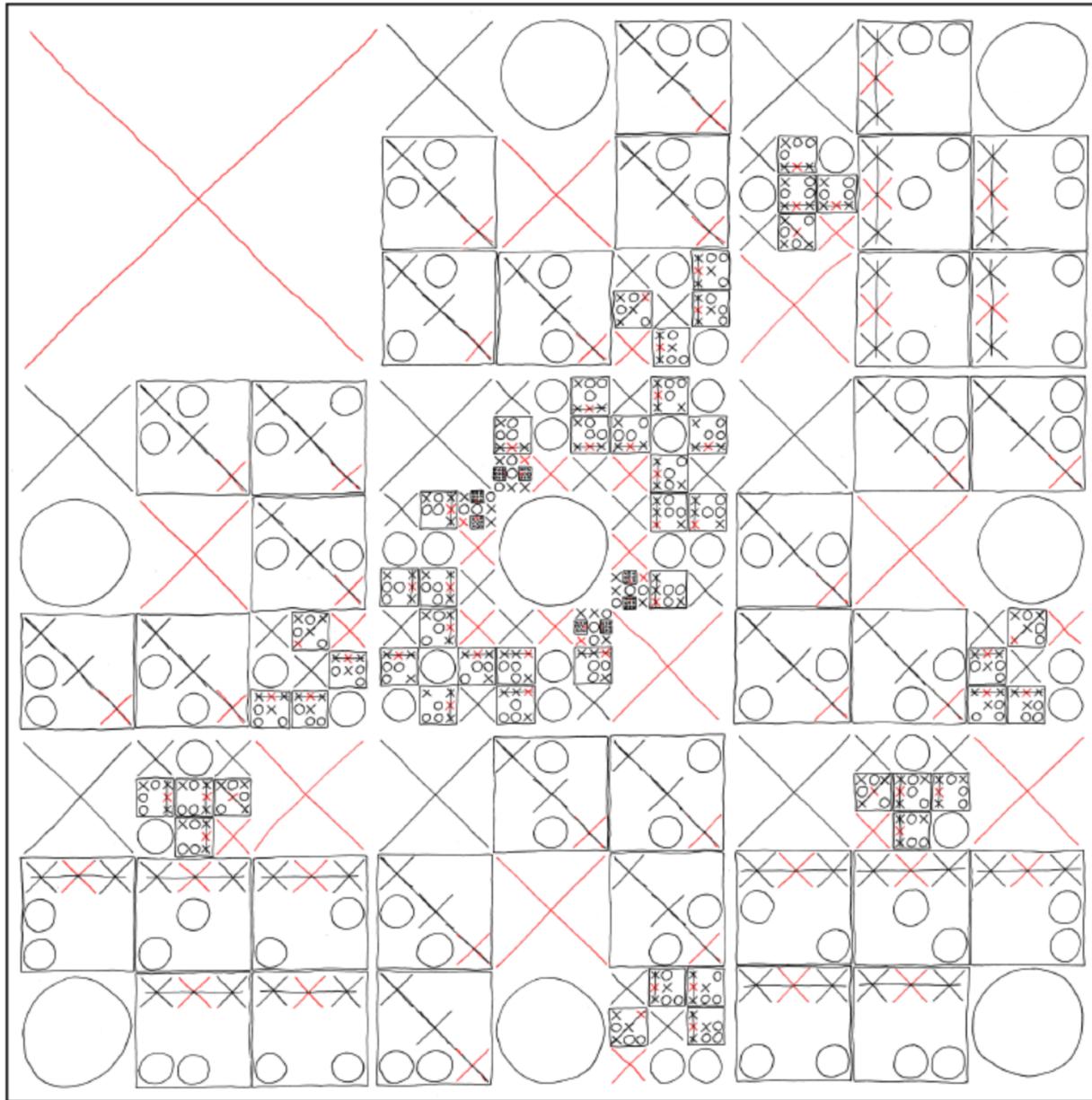


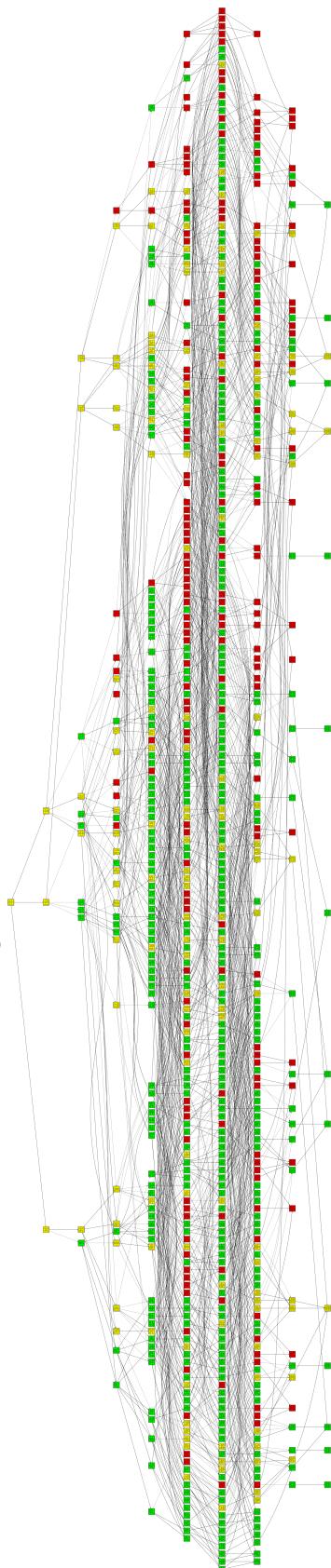
https://en.wikipedia.org/wiki/Seven_Bridges_of_K%C3%B6nigsberg



2 Games

<https://xkcd.com/832/>

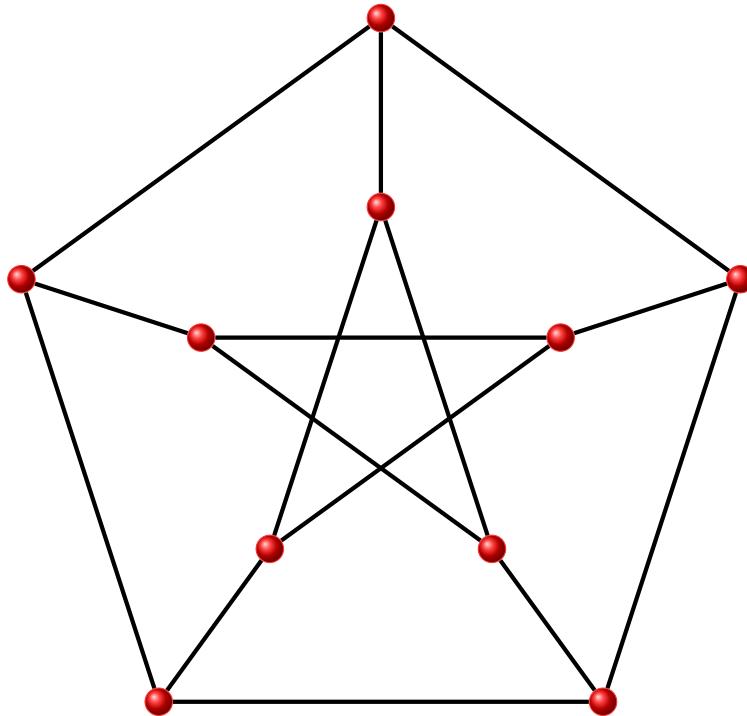




<https://gfredericks.com/blog/76>

3 Petersen graph

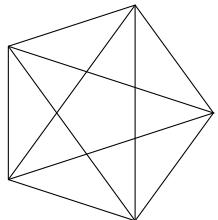
“The Petersen graph is undoubtably the most important graph in graph theory. It’s going to be my next tattoo, in fact.” - [Bill Kay](#), Pacific Northwest National Laboratory



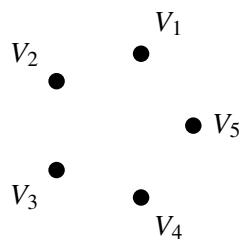
https://en.wikipedia.org/wiki/Petersen_graph



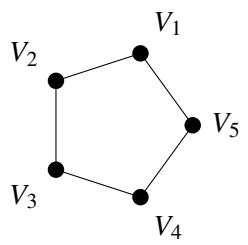
4 Common graphs.



K_n complete graph.

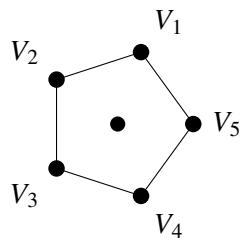


E_n empty graph.



C_n cycle graph.

P_n path graph.



S_n star graph.