

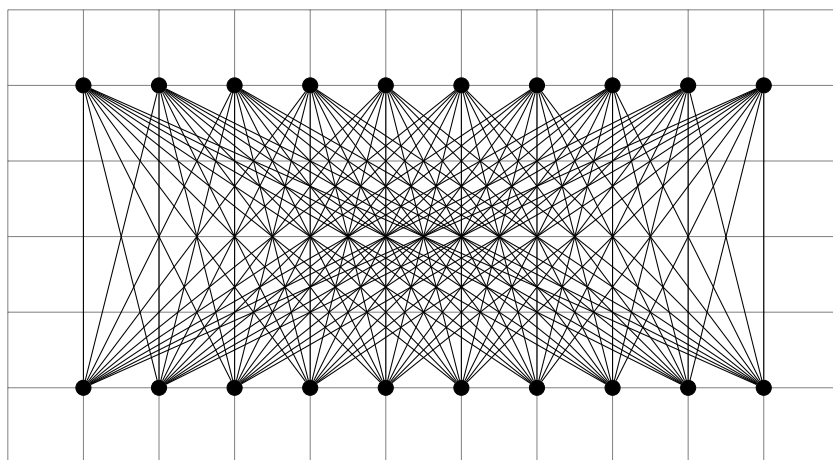
Some Automatically Created Graphs with *TikZ*

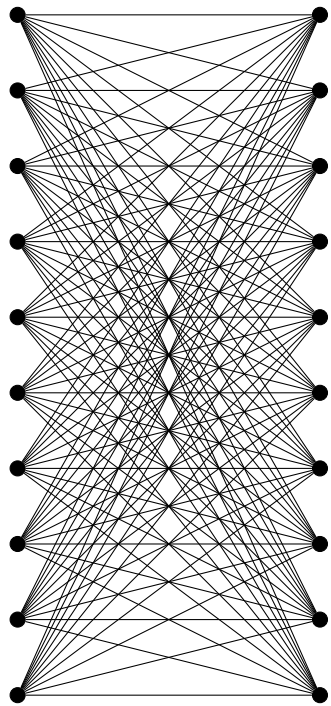
See source code to change number of vertices in
each graph

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University of Montana

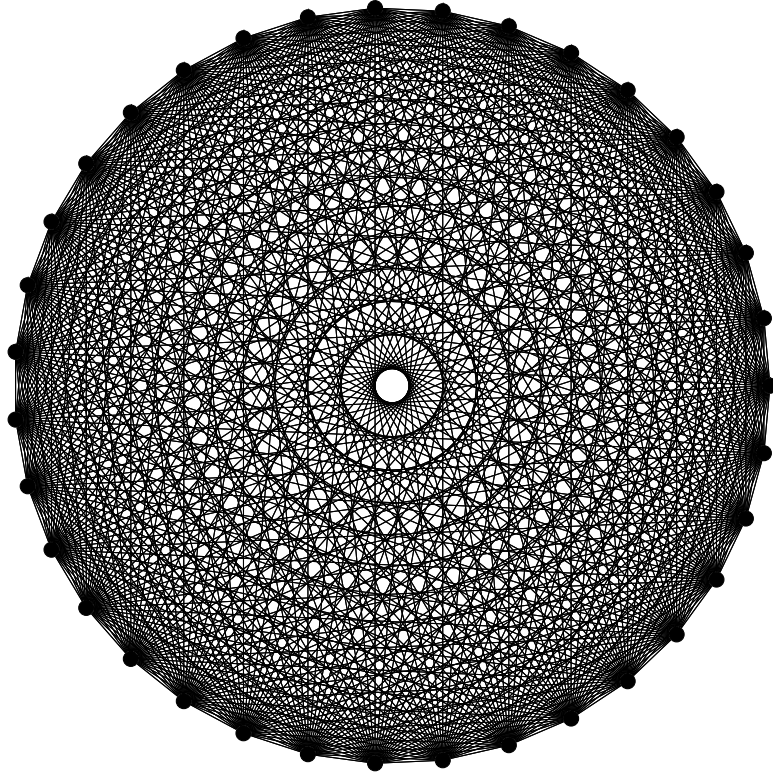
July 23, 2019

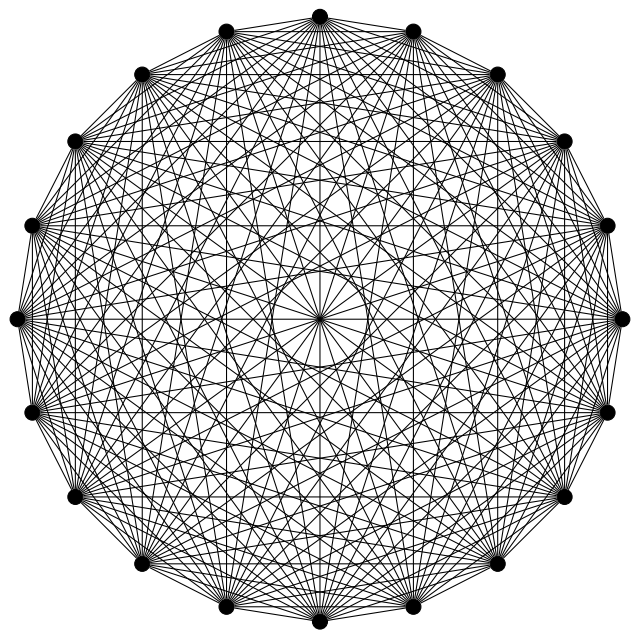
$K_{10,10}$



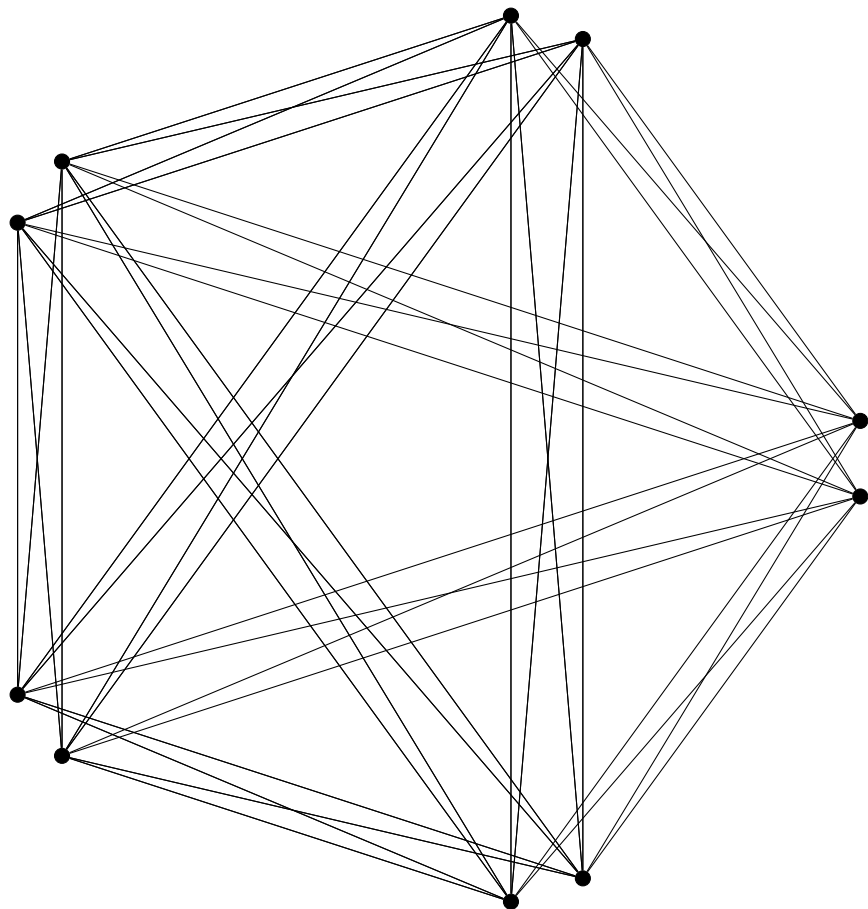


K_{35}



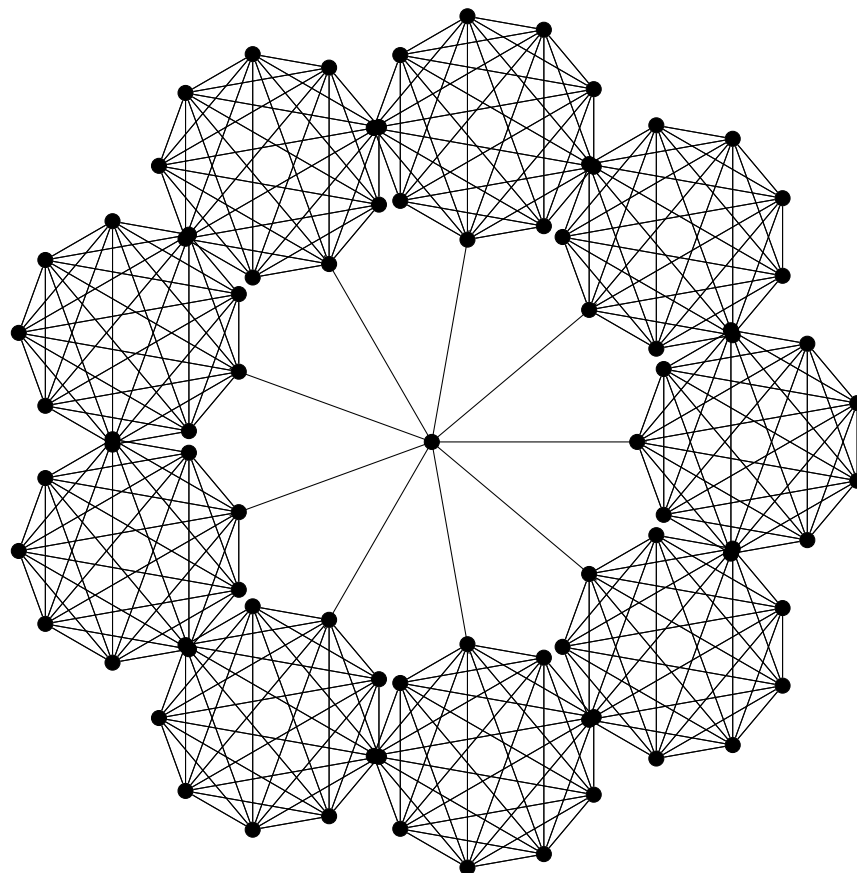


$$K_2^5$$

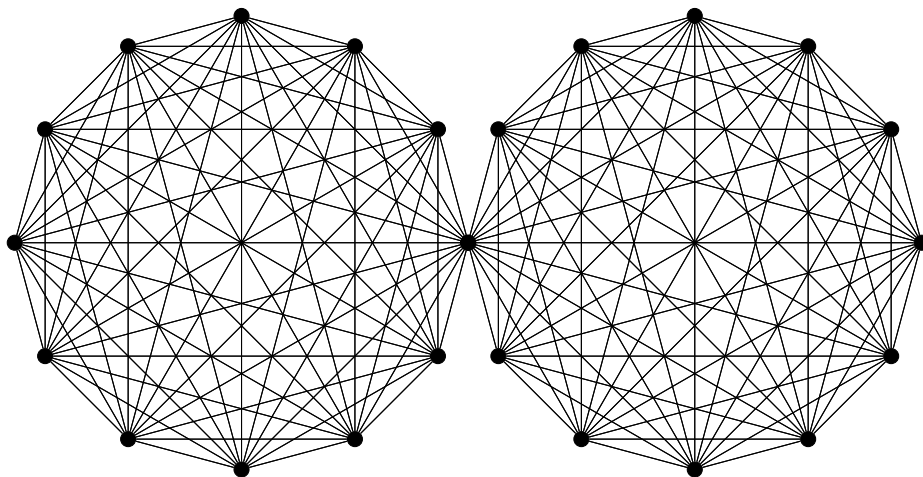


A graph with high minimum degree and a cut vertex

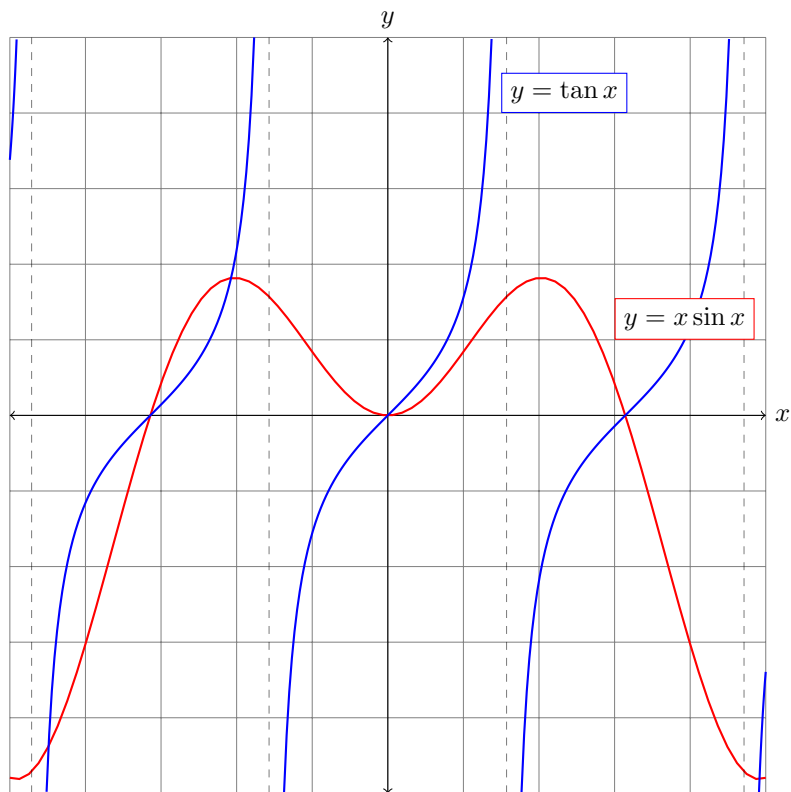
(Example of rotating components who are themselves generated by rotations)



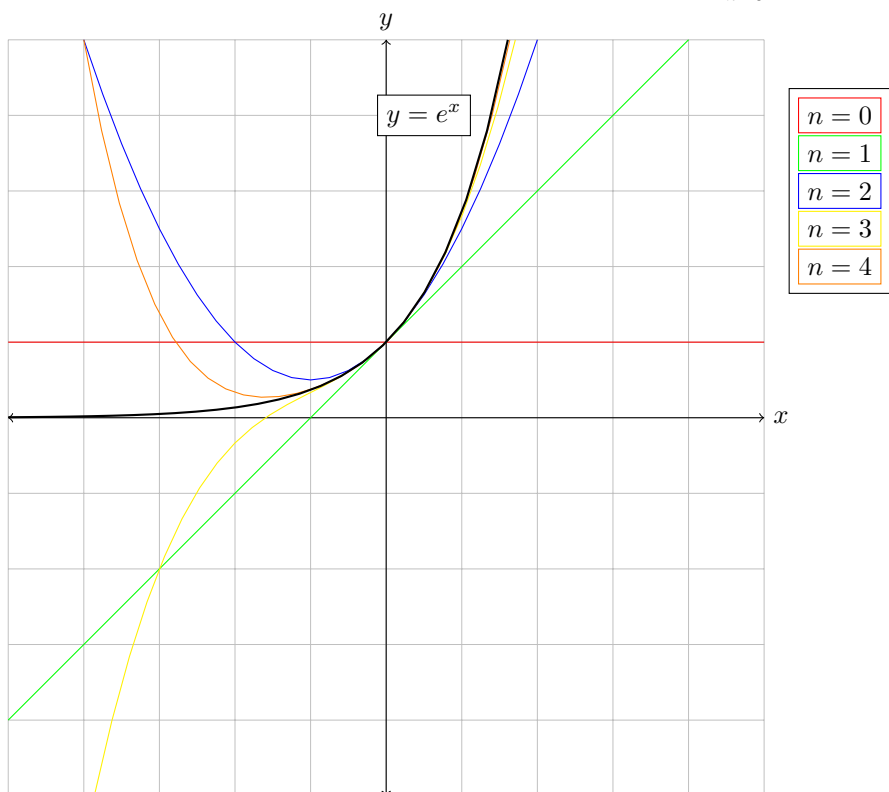
A graph with minimum degree $\frac{n-1}{2}$ but no Hamilton path



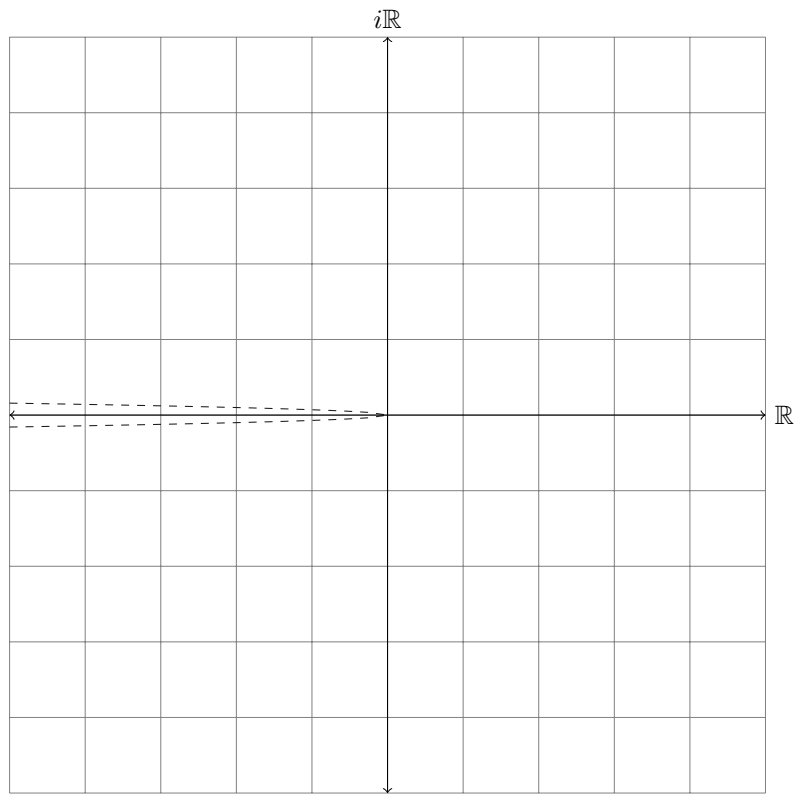
Some Functions



Approximating $f(x) = e^x$ with a partial Taylor Series, $\sum_{k=0}^n \frac{x^k}{k!}$.



The Slit-Plane



Taken From the Internet
Penrose Triangle

