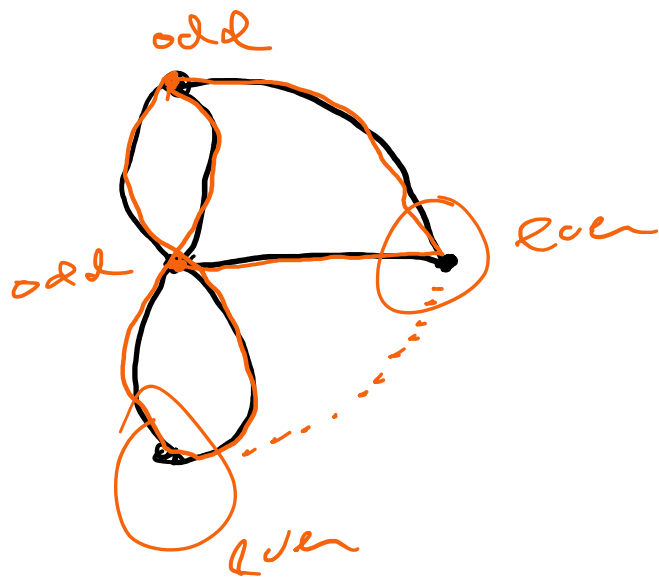


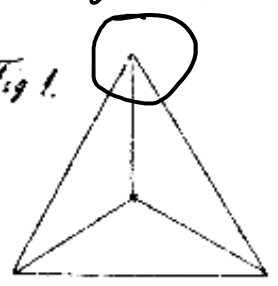
Euler observed that ~~at~~ when you leave (at the start) or arrive (at the end) you can have odd degree nodes; but nowhere else!

There must be at most two odd-degree nodes (or vertices) for the bridge problem to be solvable.



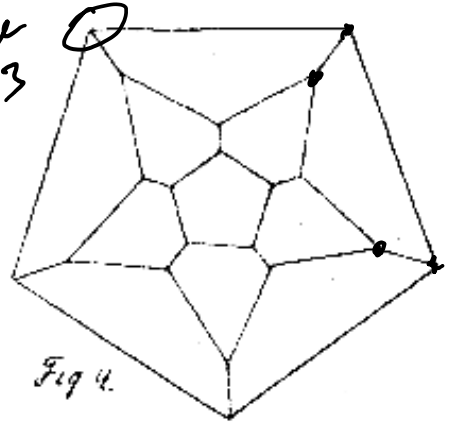
NT
degree 3

Fig 1.



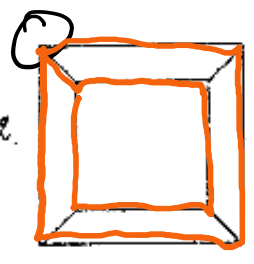
degree 3
NT

Fig 4.



degree 3
NT

Fig 2.



degree 4!

Fig 3

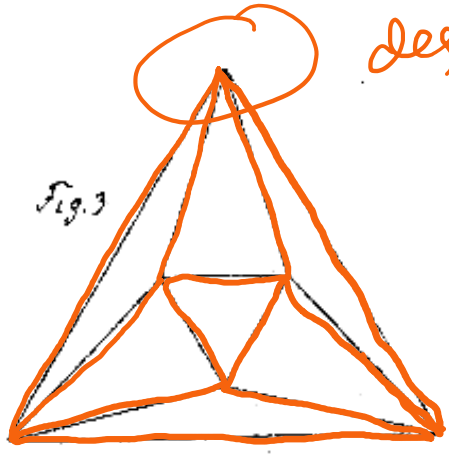
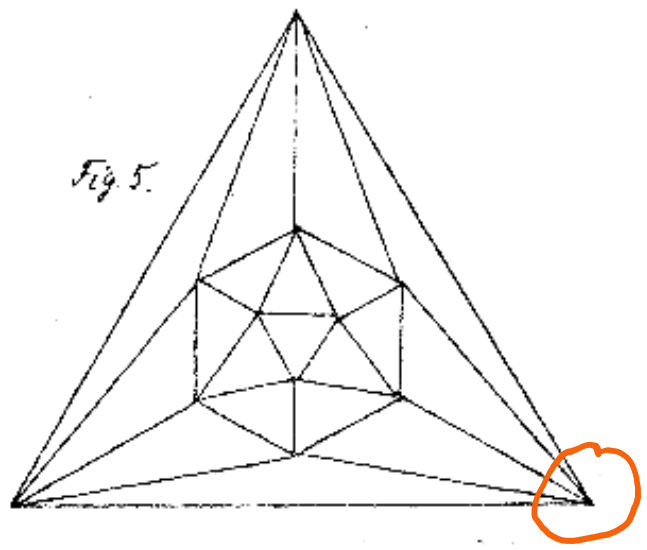
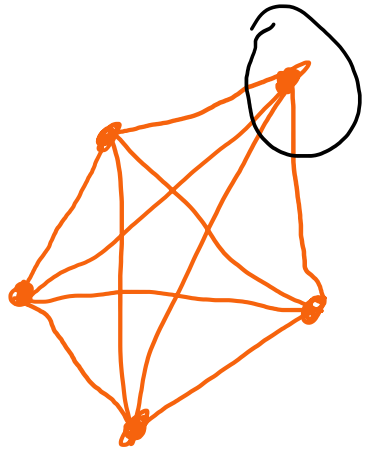


Fig 5.



NT degree 5



K_5