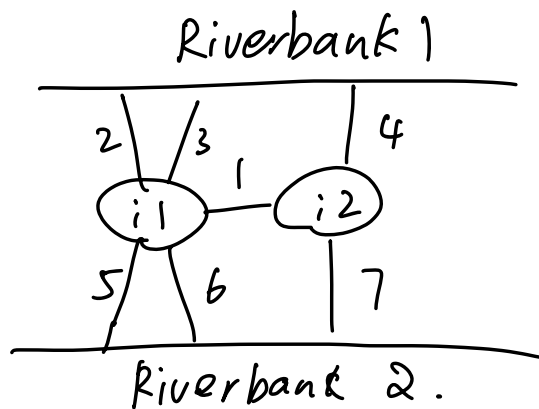
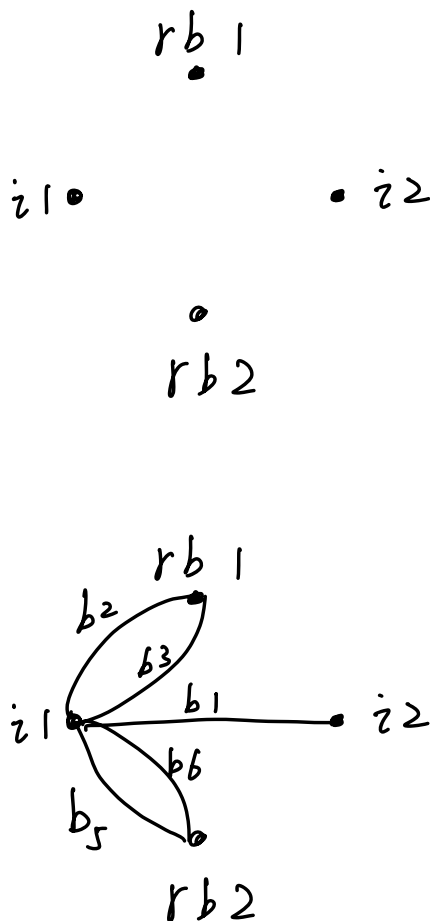


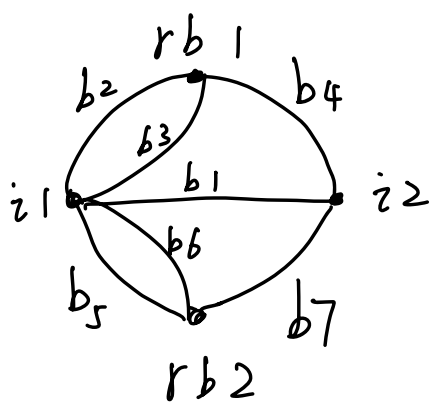
2.1.3.3 Example: The bridge of konigsberg Problem.



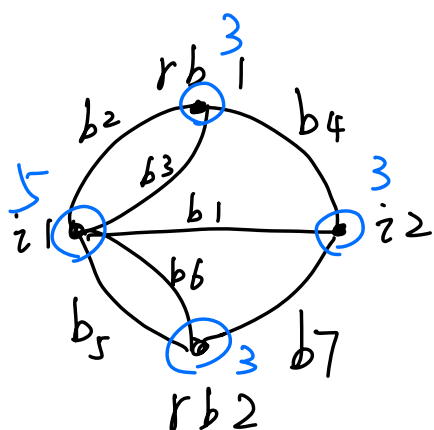
7 桥问题

Solution ① State Space Graph





② Euler Conclusion
compute degree



Unless a graph contained exactl

0 or 2 nodes of odd degree

a walk over a graph in

the manner described by the bridges of Königsberg problem is impossible.

③ impossible : since all 4 nodes in the city are of odd degree