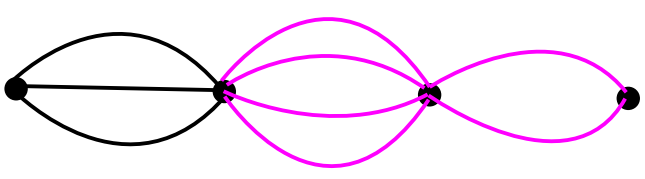
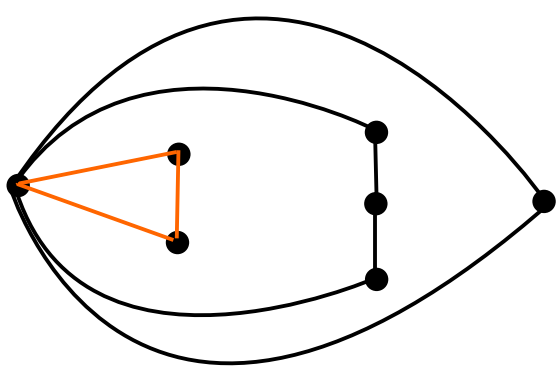
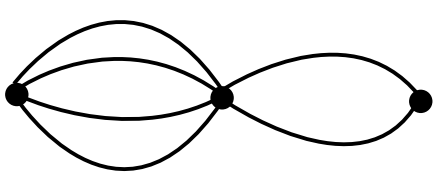
Graph G must be a connected plane graph and A should be a subset of the edges of G. Let C be the set of edges in A together with the vertices of G that are connected to at least one edge of A. Let G* be the dual of G. Let A' be the subset of edges of G* that are in correspondence with edges of G NOT in A. Let C' be the set of edges in A' together with the verices of G* that are connected to at least one edge of A'. Assume each component of C and each component of C' is Eulerian. Then G is the Tait graph of an oriented link diagram. We will show an example of the algorithm constructing the link D.

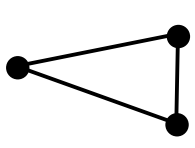
G: 

A is the set of pink edges.

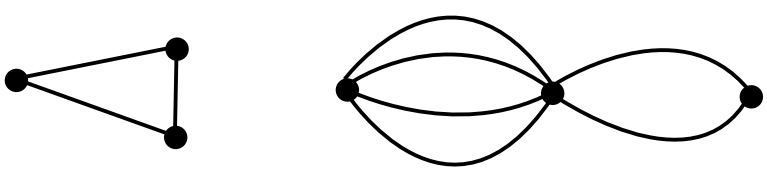
G*: 

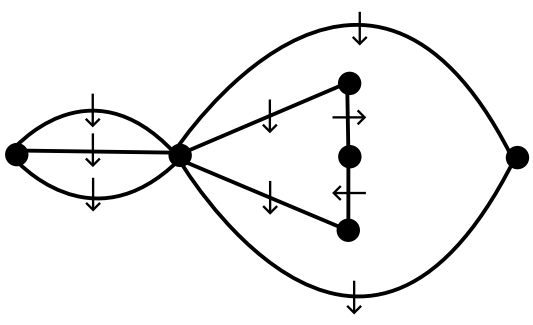
A' is the set of orange edges.

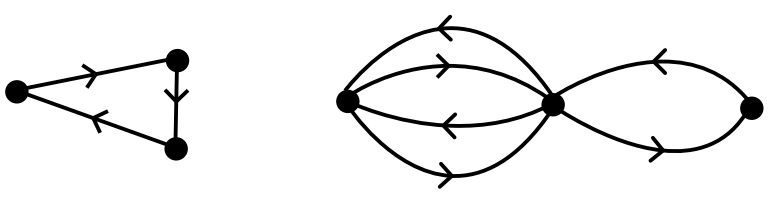
C: 

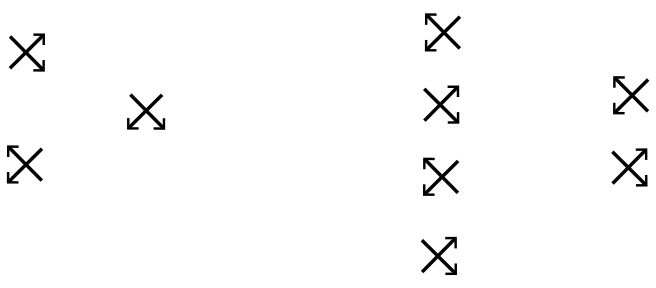
C': 

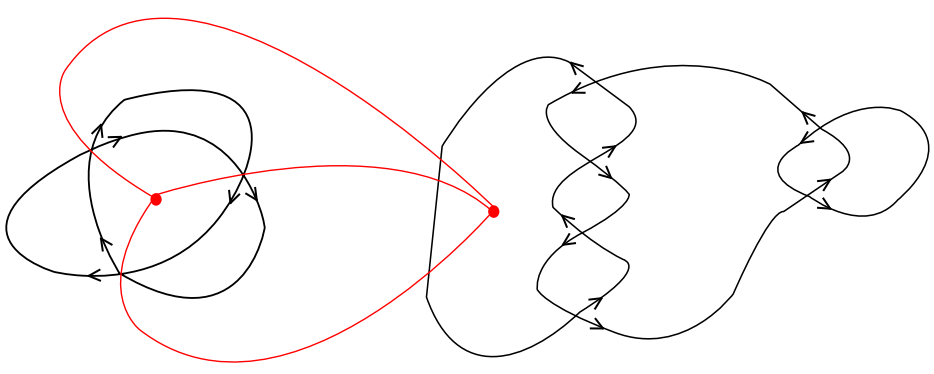
$\Phi = (G \cup G^*) - ((E(G) \backslash A) \cup (E(G^*) \backslash A'))$

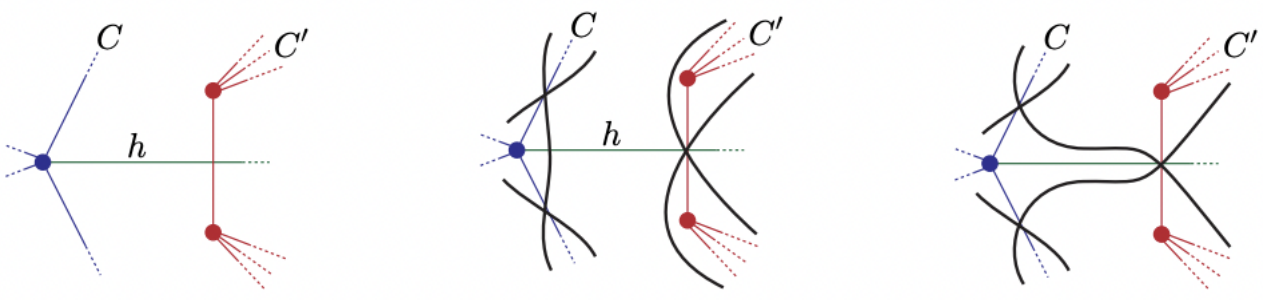
Φ: 

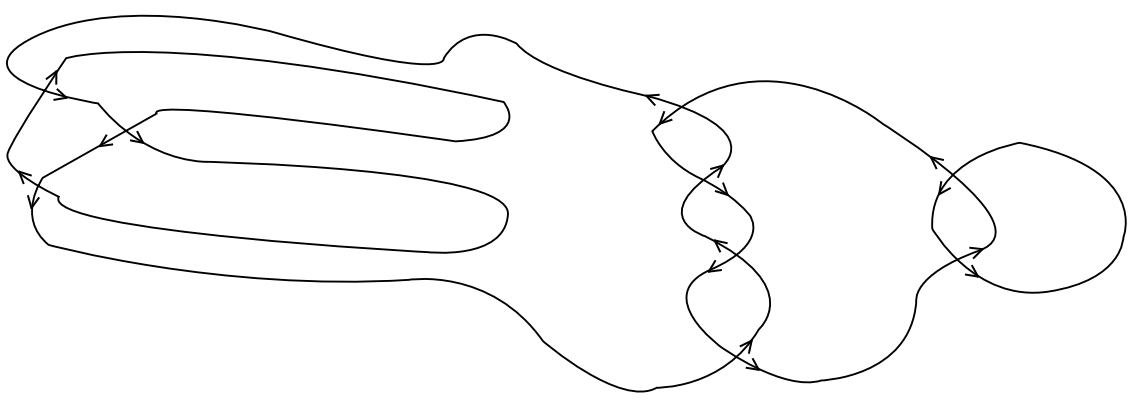
Φ^*: 

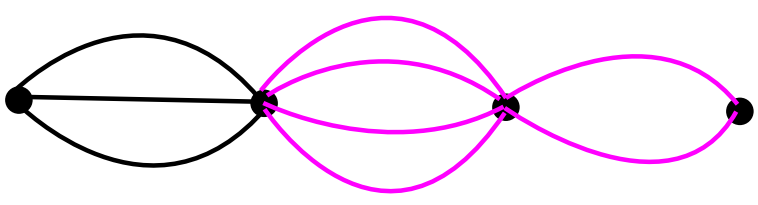
Φ: 

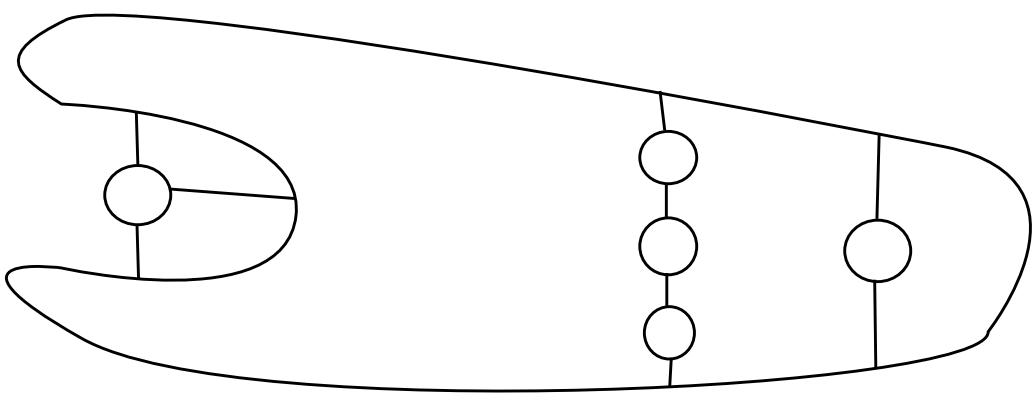


D': 



D: 

G: 

S(D): 

Φ^*: