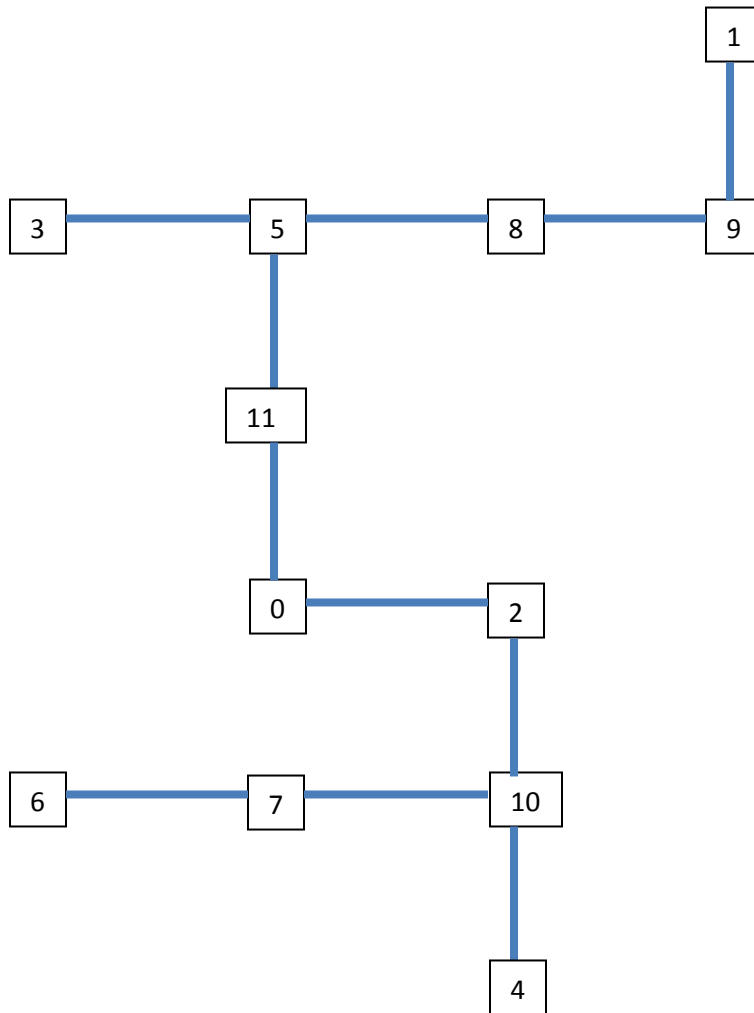


## My MCST:



### My Eulerian cycle:

$1 \rightarrow 9 \rightarrow 8 \rightarrow 5 \rightarrow 3 \rightarrow 5 \rightarrow 11 \rightarrow 0 \rightarrow 2 \rightarrow 10 \rightarrow 7 \rightarrow 6 \rightarrow 7 \rightarrow 10 \rightarrow 4 \rightarrow 10 \rightarrow 2 \rightarrow 0 \rightarrow 11 \rightarrow 5 \rightarrow 8 \rightarrow 9 \rightarrow 1$

### And my tour after the short-cuts:

$1 \rightarrow 9 \rightarrow 8 \rightarrow 5 \rightarrow 3 \rightarrow 11 \rightarrow 0 \rightarrow 2 \rightarrow 10 \rightarrow 7 \rightarrow 6 \rightarrow 4 \rightarrow 1$

And this tour is guaranteed not to cost more than twice the optimal tour!