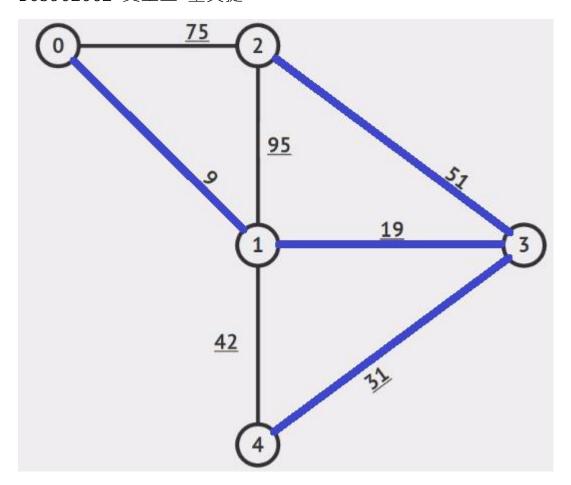
## B03902062 資工二 董文捷



## Kruskal's algorithm

Sort all edges by their weight

## 9 19 31 42 51 75 95

Choose  $9 \rightarrow \{0, 1\}\{2\}\{3\}\{4\}$ 

Choose  $19 \rightarrow \{0, 1, 3\}\{2\}\{4\}$ 

Choose  $31 \rightarrow \{0, 1, 3, 4\}\{2\}$ 

Can't choose 42 because 4 is in the same set as 1

Choose  $51 \rightarrow \{0, 1, 2, 3, 4, 5\}$