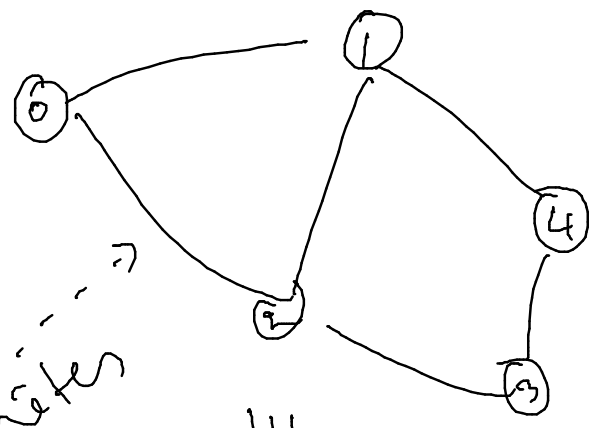


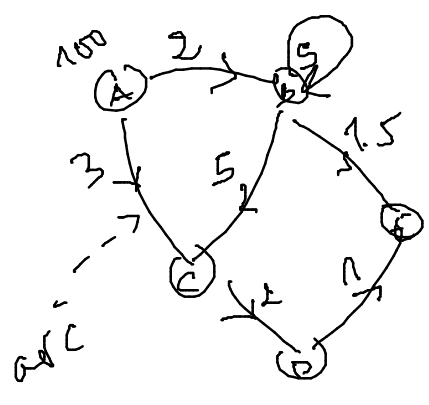
Non orienté



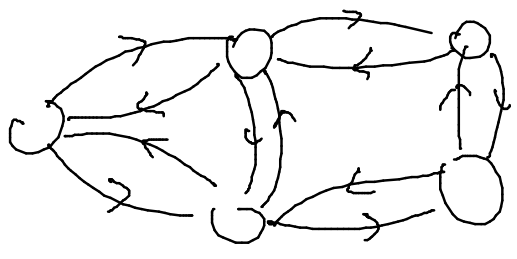
arêtes →

|||

orienté



Digraphe



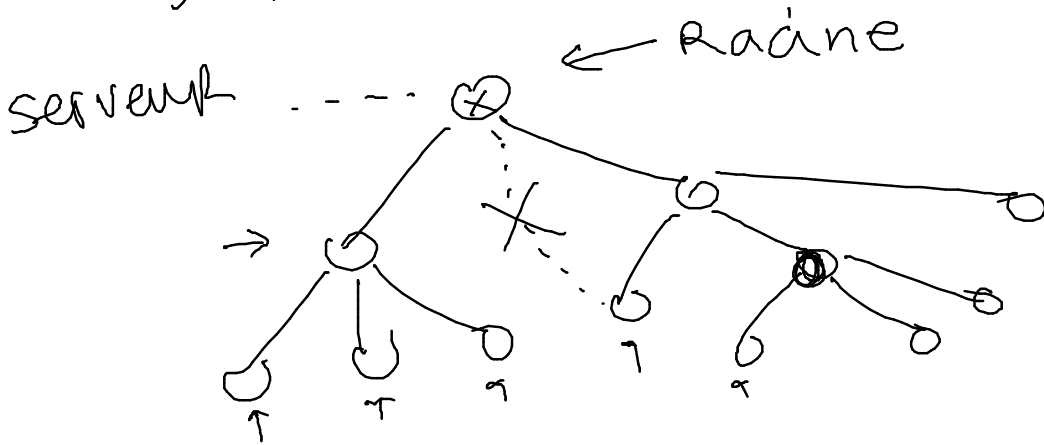
$$G = (X, A)$$

list des
noeuds

arcs,
(arêtes)

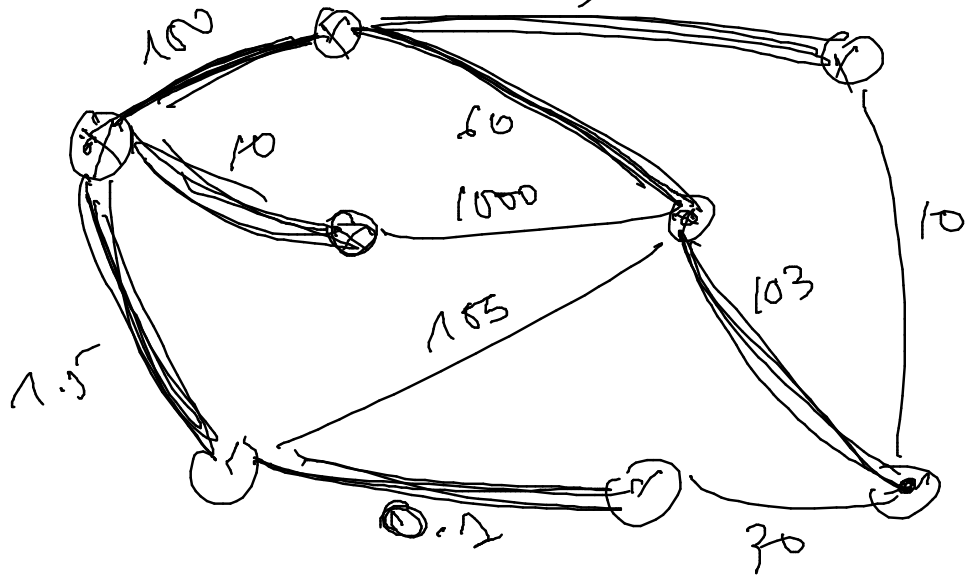
Les arbres.

\equiv graph non-orienté



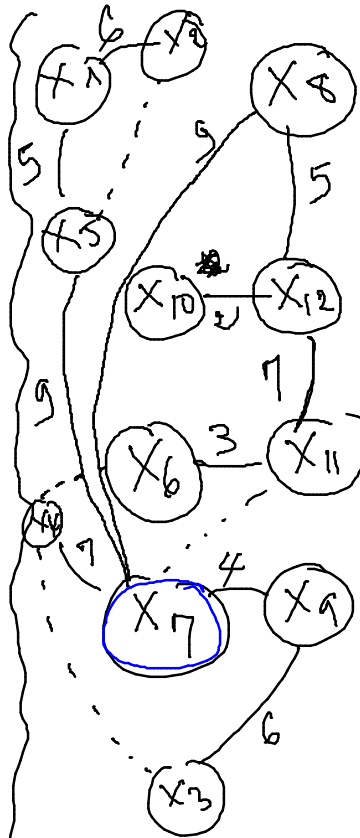
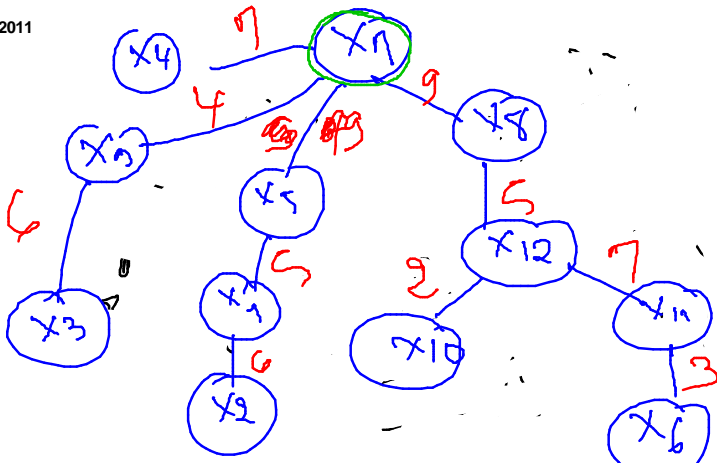
\equiv graphe sans cycle

Arbre couvrant Minimal



Graphe.

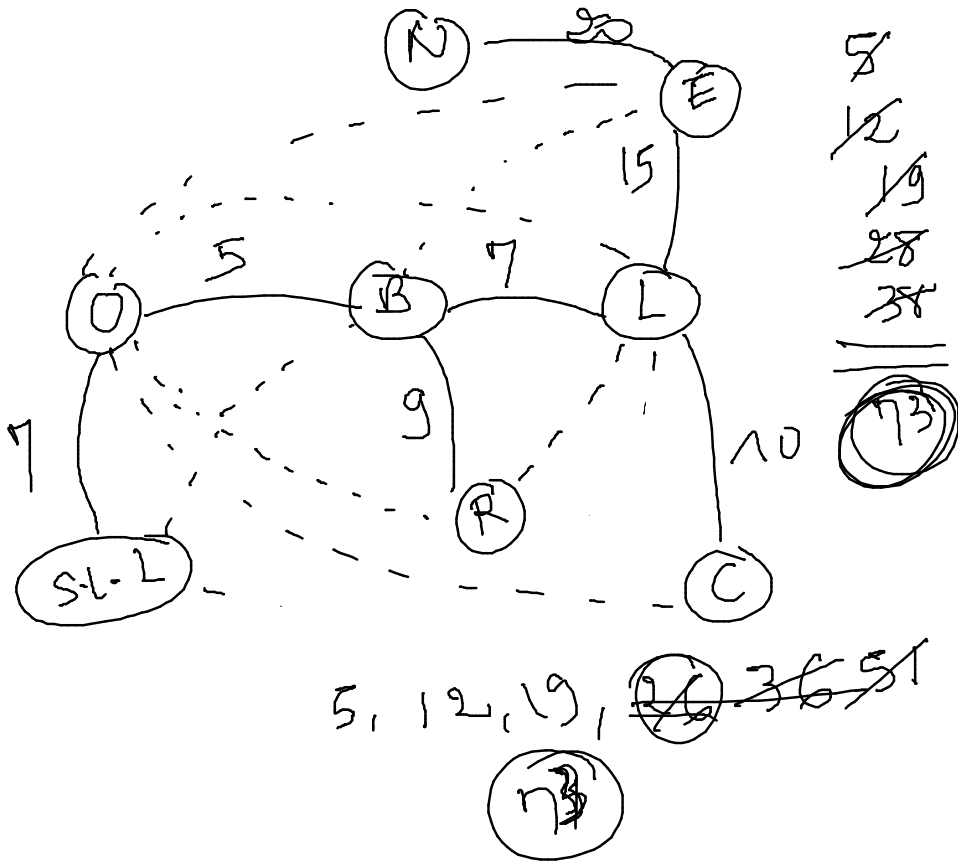
* sous-graphe = arbre



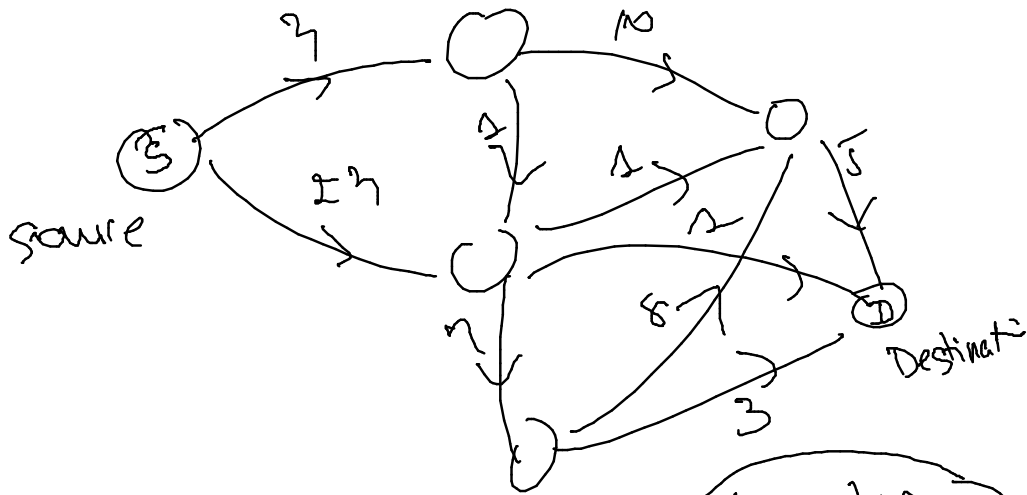
- ① $B \leftarrow \emptyset$
 - ② $B \leftarrow B \cup \{ \underline{\underline{X_{10}, X_{12}}} \}$
 - ③ Est-ce que j'ai inclu tous les nœuds?
 - ④
- G3 /

5/4 G3

5	8	11
9	5	2
3	7	4



Le plus court chemins (orienté)



Reseau



Dijkstra:

tous les
coûts doivent
être positifs

