

TP1 LES FONCTIONS DE BASE

Manipulation :

Dans chacun des cas, il est demandé de :

- Simulation sous le logiciel Logisim pour vérifier le fonctionnement des circuits.
- déduire la table de vérité ainsi que la fonction réalisée.

FIG.1

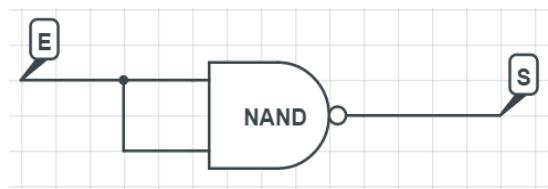


FIG.2

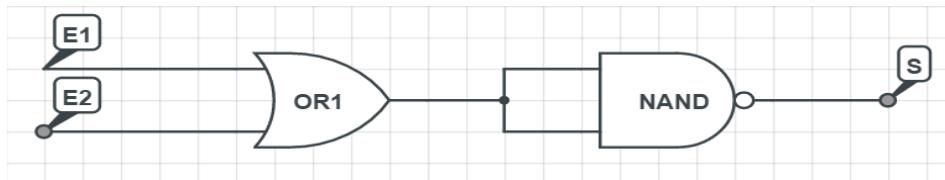


FIG.3

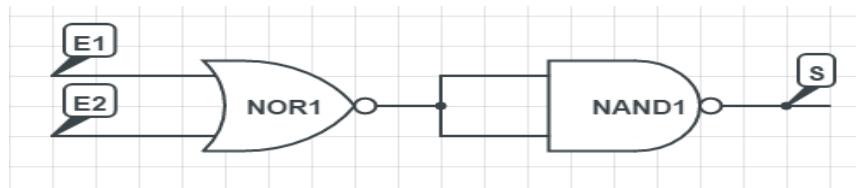


FIG.4

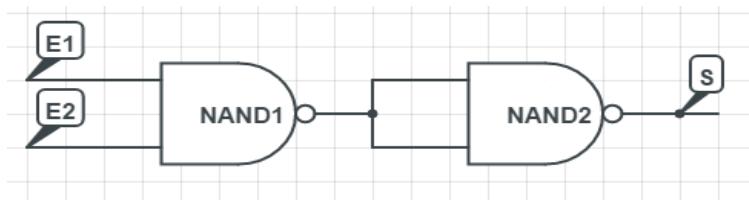


FIG.5

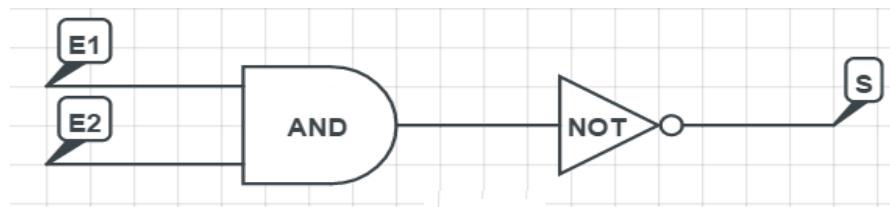


FIG.6

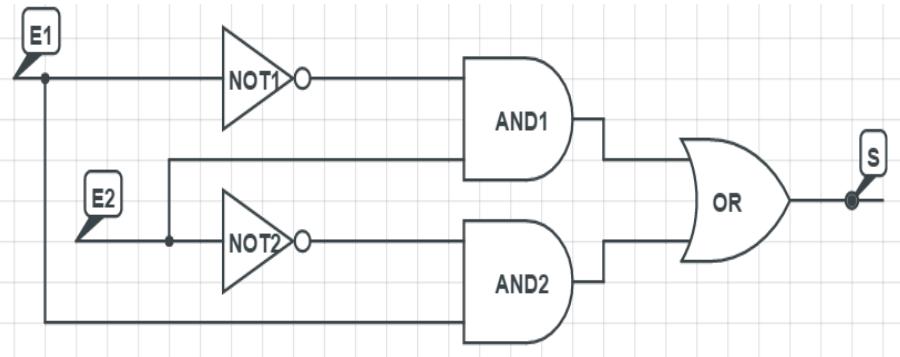


FIG.7

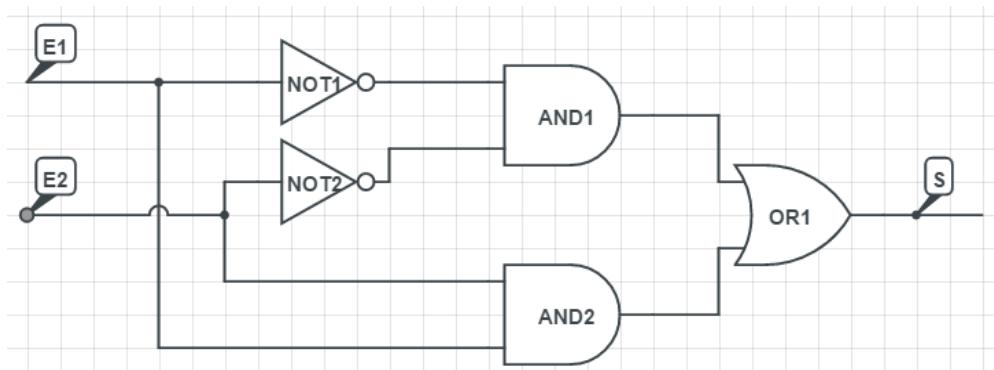


FIG.8

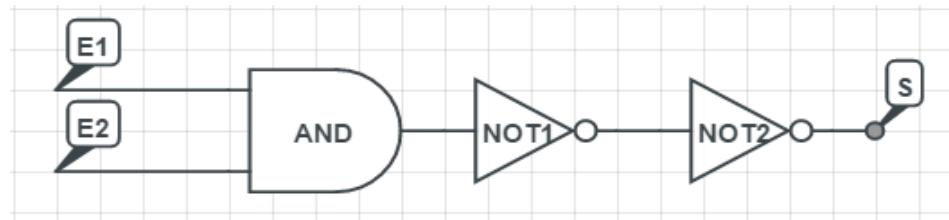
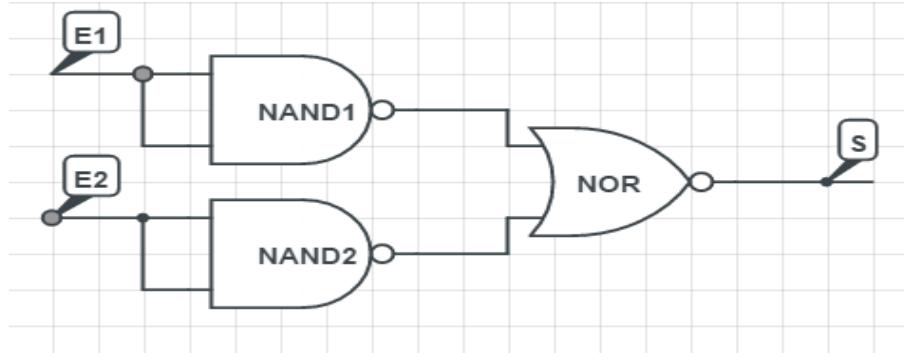


FIG.9



- Comparer les expressions de la Fig.8 et Fig.9.

- Que pouvez-vous vérifier à l'aide de ces deux circuits.