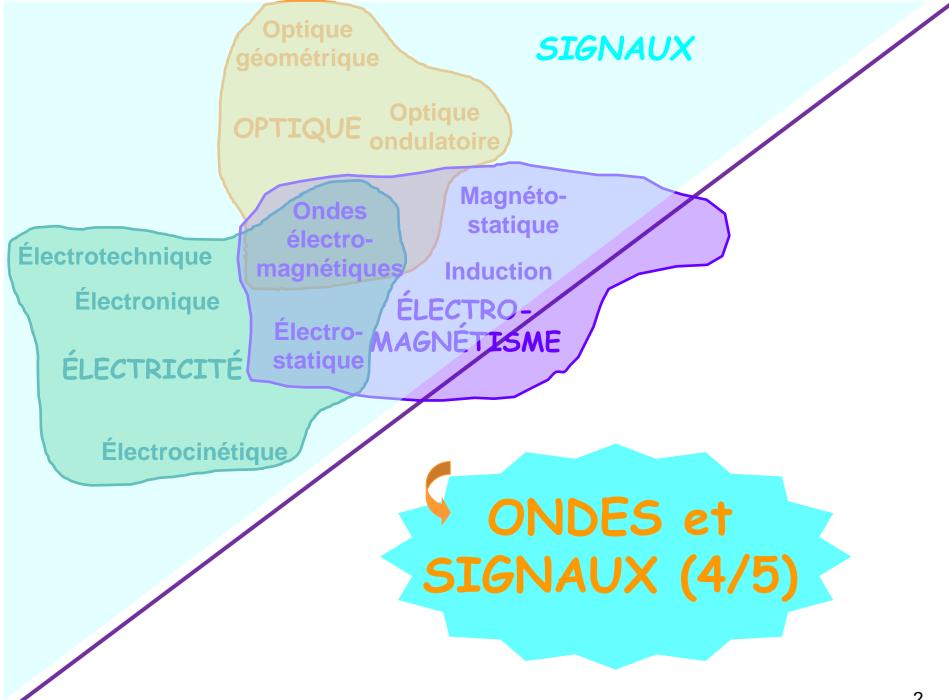
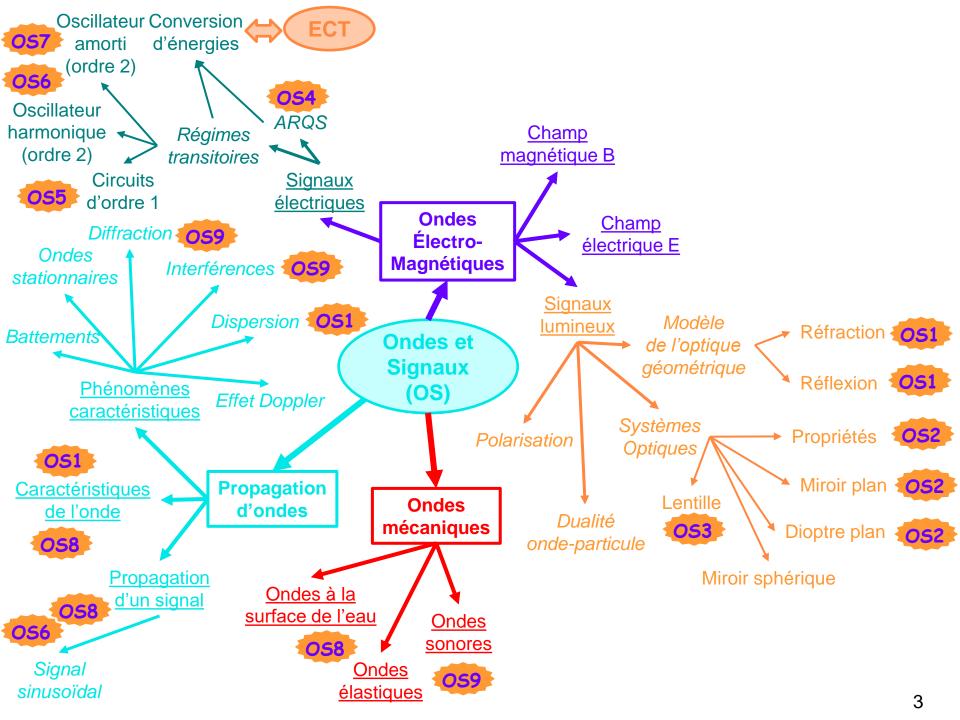
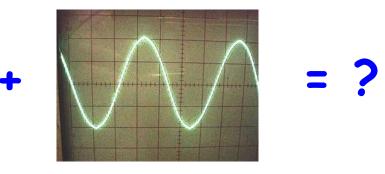
PHYSIQUE MP2I







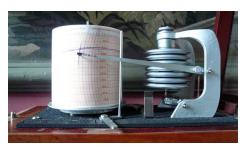


Oscillateurs électriques

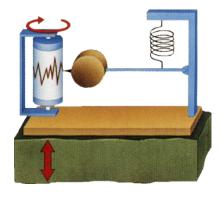
Excitation sinusoïdale

Phénomène de résonance

Transposition aux oscillateurs mécaniques







Chapitre OS10
Oscillateurs amortis
en régime sinusoïdal forcé

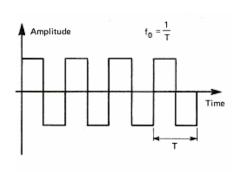
Nombres complexes

Chapitre OM7

4

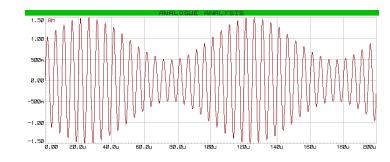
> Transmission d'un signal

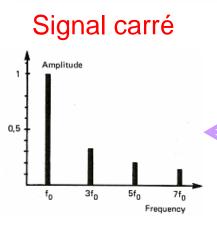




> Types de signaux

- Sinusoïdaux
- Périodiques

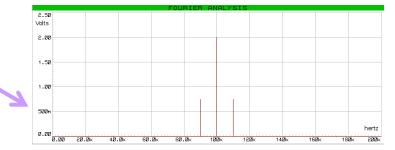




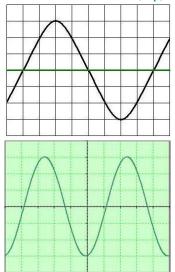
Représentations

- Temporelle
- Fréquentielle





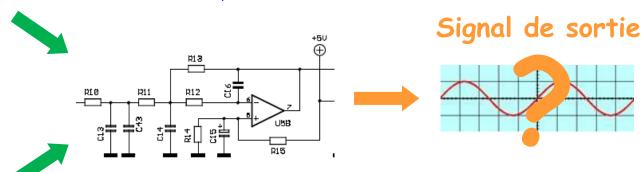
Signal d'entrée sinusoïdal (f_1)

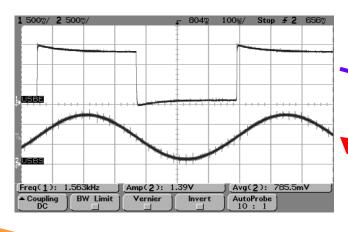


Signal d'entrée sinusoïdal (f₂)

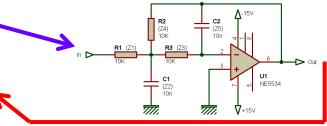
Relation entrée – sortie ?

Fonction de transfert





Signal d'entrée **périodique**



Signal de sortie sinusoïdal

Chapitre OS11
Filtrage analogique

Effet de filtrage

